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# CLASSIC CANTABILE

## GP-A 810 Digital Grand



## User manual

Item 00055903, 00055904  
Version 01/2019\_2

Thank you for choosing the **Classic Cantabile GP-A 810**. We hope you enjoy your new **Classic Cantabile GP-A 810**.

Please read these instructions carefully to ensure that you can make full use of the practical features of the Classic Cantabile GP-A 810.

We also recommend that you keep this manual in a safe and easily accessible place for future reference.



## Attention!

Before switching on and using the device for the first time, be sure to read the safety instructions to avoid injury and damage to the device.

### Safety instructions

Please read these instructions before operating the device and keep them in a safe place. Follow the safety instructions to prevent damage or injury from electricity, short circuits, or fire. This includes the following:

Do not remove the housing or rear panel; there are no parts inside the device that you can service yourself. If repairs are necessary, please contact a qualified repair shop.

- Do not expose the device to rain or other moisture, and avoid operating it in damp or wet conditions. Do not place any liquid-filled containers on top of the device to prevent splashes from entering the device.
- If the power cord or plug is damaged, if there is a loss of sound during use of the piano, if you notice an unusual smell or if smoke is emitted, please switch off the device immediately, disconnect it from the power supply and take it to a qualified repair shop.
- Only use voltages for which the device is approved. This is indicated on the type plate of the piano.
- Always disconnect the device from the power supply before cleaning it. Never touch the plug or the socket with wet hands!
- Please check the condition of the plug regularly and remove any dirt or dust that may have accumulated on it.

### Precautions

- Do not place the power cord near heat sources such as radiators or heaters, do not bend it excessively, do not place heavy objects on it, and take care not to damage it in any other way. Lay it so that no one can trip over it or step on it and so that no objects can roll over it.
- If you wish to disconnect the device from the power supply, always pull on the plug and never on the cable.
- Do not operate the piano from a multiple socket, as this may result in sound loss, overloading or overheating of the socket.
- Disconnect the piano from the power supply if you do not intend to use it for a long period of time and always during a thunderstorm.
- Before connecting the piano to other devices, always switch off all devices, turn all volume controls to minimum, and then switch on the devices.
- Do not expose the device to excessive dust or vibrations, heat or cold, or direct sunlight, and do not leave it in the car during the day. This will prevent discoloration and damage to the surface as well as damage to the electronics.
- Do not use the piano near televisions, radios, or speakers to avoid interference that could disrupt the operation of the piano.
- Do not place the piano on uneven ground, as this will make it unstable and it may tip over.
- Before transporting the piano, please disconnect all cables.
- If you wish to clean the device, please use a dry, soft cloth. Do not use thinners, solvents, other cleaning fluids, or chemically impregnated cloths. Do not place any vinyl products on the piano, nor any plastic or rubber objects. This could discolor the surface of the piano.
- Do not sit on the piano or place heavy objects on it.
- Do not use force when handling buttons, keys, and plugs.
- Be careful not to trap your fingers in the key cover. Never put your fingers in the gap between the cover and the keyboard!
- Make sure that no objects of any kind get into the gap between the cover and the keyboard. If this happens, disconnect the device from the power supply and take it to a qualified repair shop for inspection.
- Keep a distance of 3 cm between the wall and the piano. This is important for air circulation, which prevents the piano from overheating.
- Read the chapter on assembly and initial operation carefully, as improper assembly may result in injury or damage to the device.
- Do not operate the piano at high volume for long periods of time, as this may cause hearing loss, which may be permanent. If you suspect that your hearing is impaired or if you hear noises such as ringing or whistling, please consult a doctor.
- Switch off the device during a thunderstorm and disconnect it from the power outlet.

## **Safety instructions (brief overview)**

Please read the following section carefully before using the instrument! Please keep this operating manual in a safe place.

### **Power supply**

Please connect the supplied power supply unit to a power outlet with the correct voltage. Do not connect the device to a power outlet that is not suitable for the device. Disconnect the power supply unit from the power supply when you are not using the instrument or during a thunderstorm.

### **connections**

Before connecting the instrument to other devices, please switch off all devices first. This will protect the devices from damage and help prevent malfunctions.

### **Environment**

To prevent deformation, discoloration, or more serious damage, do not expose the device to the following conditions:

- direct sunlight
- extreme temperatures
- extreme humidity
- dust or dirt
- strong vibrations or shocks - magnetic fields.

### **Interference**

If radio or television sets are located near the instrument, interference may occur. If this is the case, please move the devices further apart.

### **Cleaning**

Please clean the instrument only with a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemically impregnated cleaning cloths.

## Handling

Please do not use excessive force when handling buttons and switches and ensure that no paper, metal, or other objects can get into the instrument. If this happens, please disconnect the device from the power supply immediately and take it to a specialist dealer for inspection.

Always disconnect all cables before moving the instrument!

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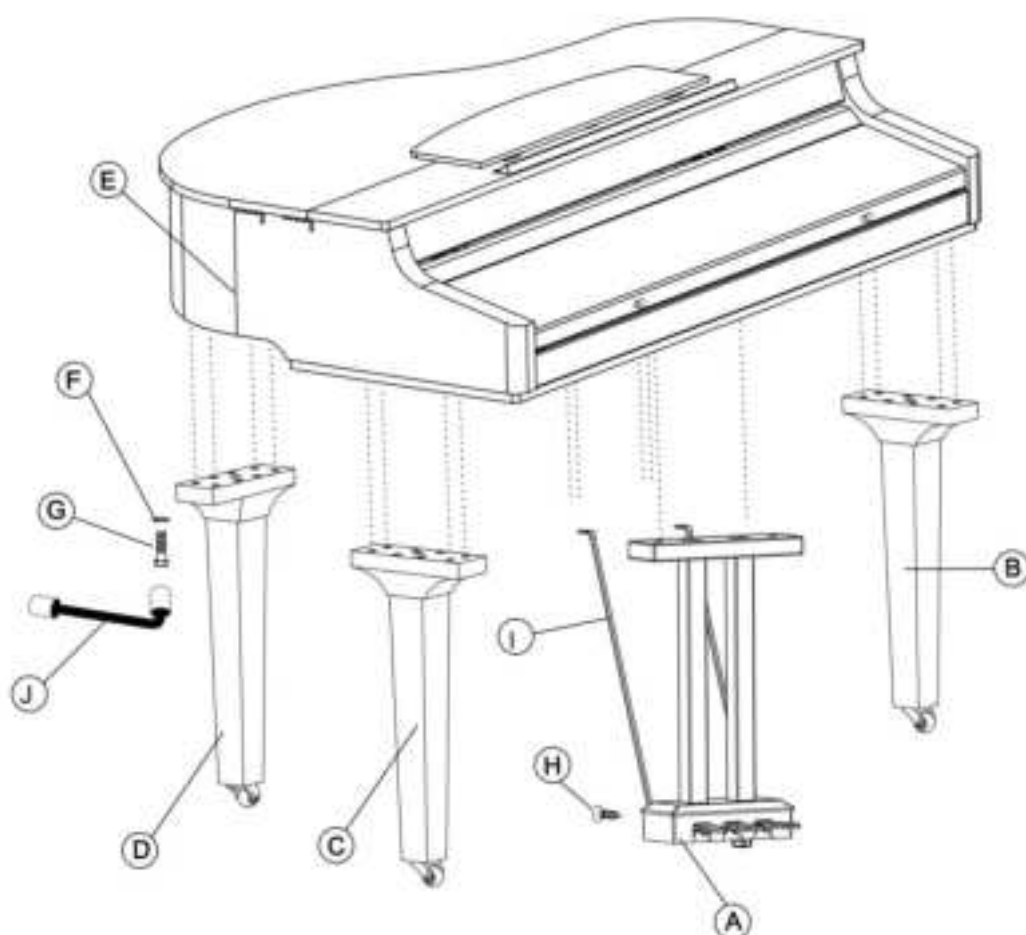
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## Assembly

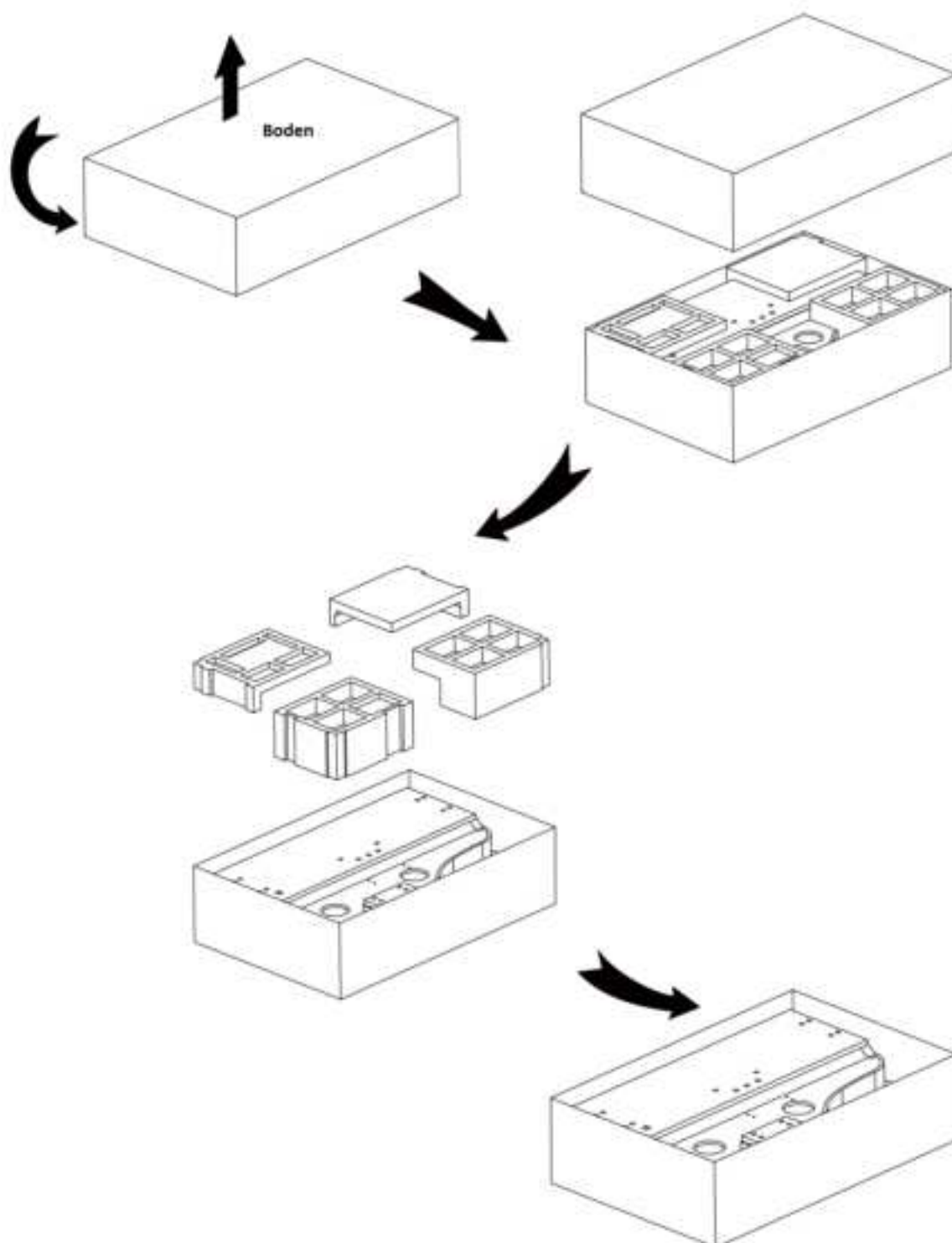
Before assembly, please check that all parts shown in the illustration are included in the package. If any parts are damaged or missing, please contact Musikhaus Kirstein customer service.

|   |                        |
|---|------------------------|
| A | Pedal bracket          |
| B | Right stand            |
| C | Left stand             |
| D | Rear stand foot        |
| E | Piano body             |
| F | Washer                 |
| G | M12x45mm hexagon screw |
| H | Ø3x15mm screw          |
| I | Copper rod             |
| J | Wrench                 |



Now follow the instructions to attach the legs to the piano. You will need a Phillips screwdriver, which is not included in the delivery.

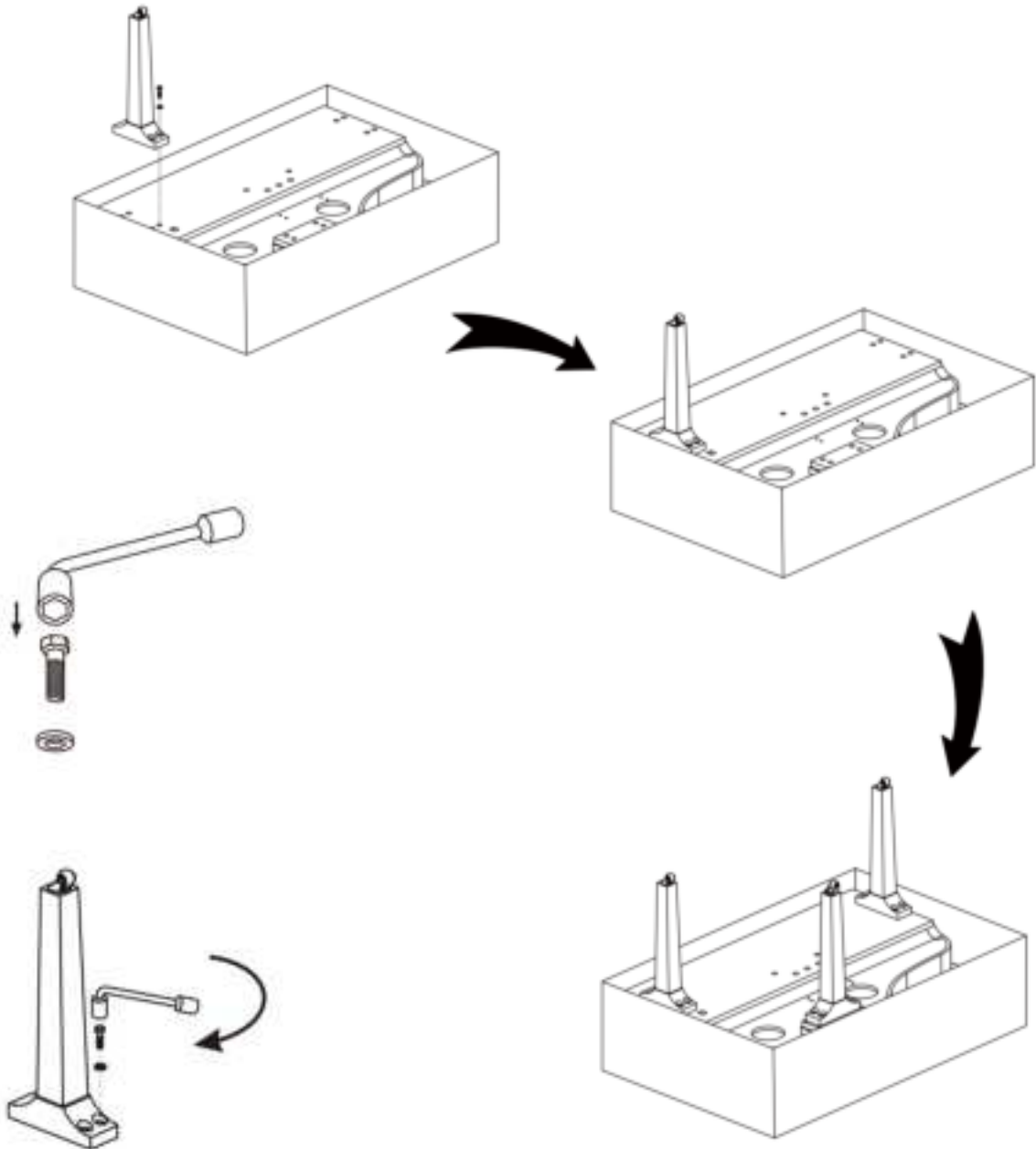
- A) Turn the box upside down so that the bottom of the box is facing up and open the box. Remove the protective foam from the piano.



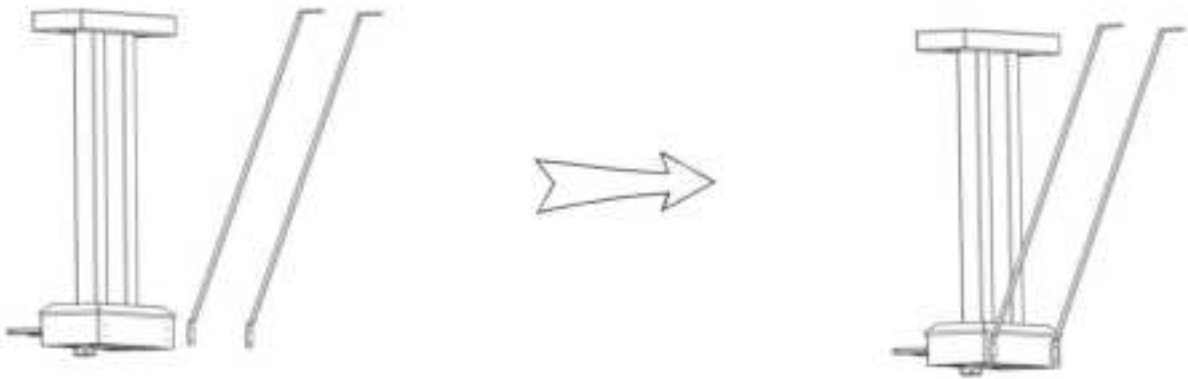


- B) Place the left foot (C) on the left side of the piano body. Then align the pre-drilled holes so that they match those on the piano. Next, place a washer on each screw (G 2x) and tighten them with the wrench.

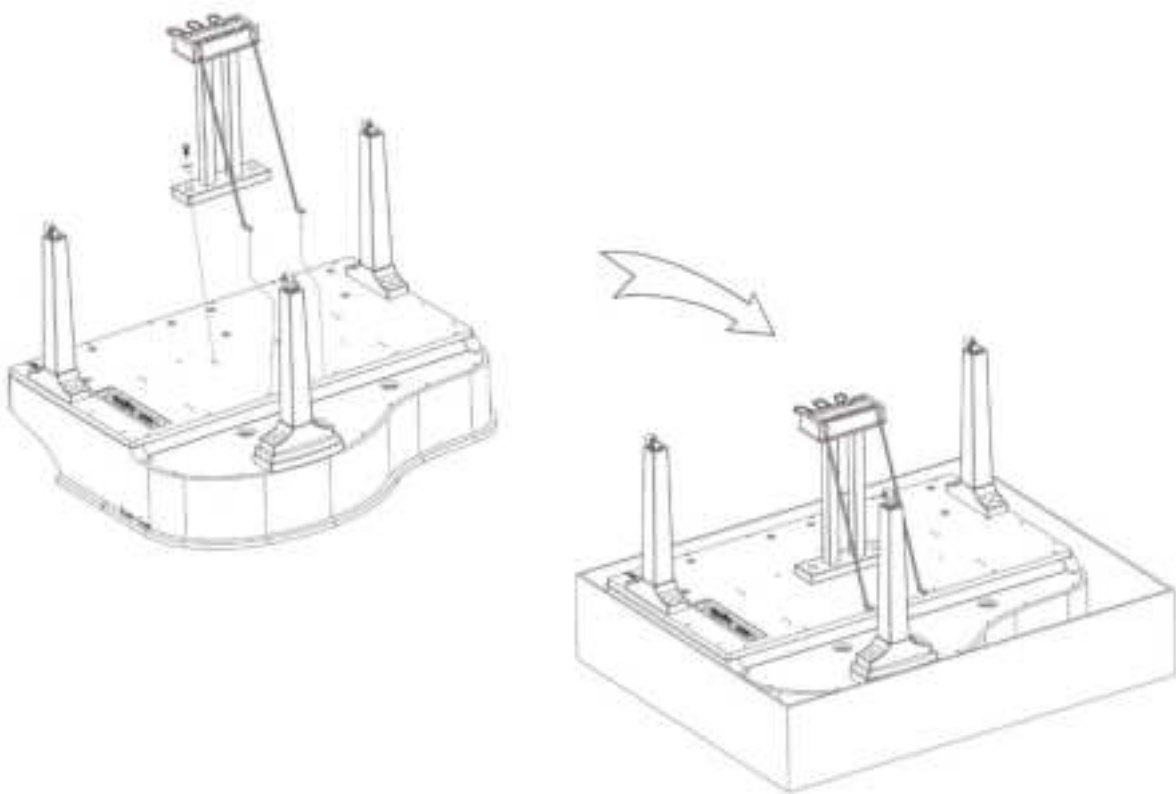
Repeat this step to mount the right and rear feet.



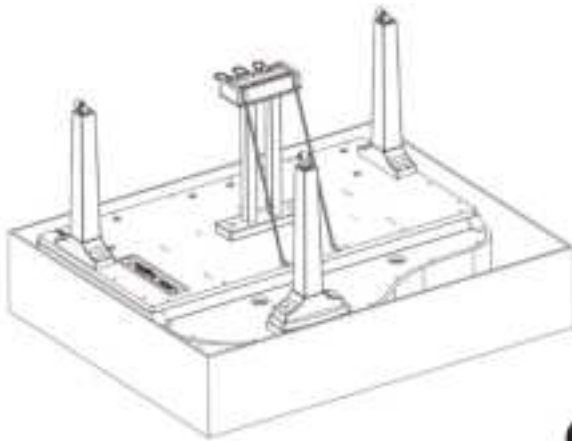
C) Use the screws (H) to attach the two copper rods to the rear of the pedal bracket.



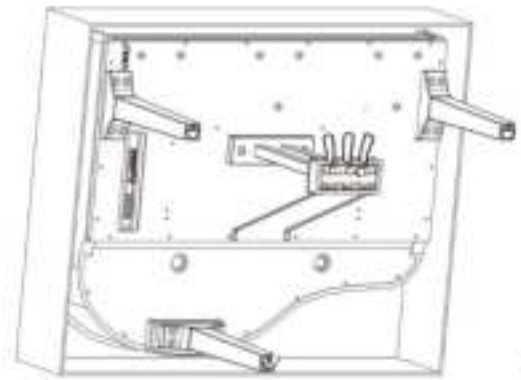
D) Then place and secure the pedal bracket on the underside of the piano body.



E) Now you can turn the piano over.



1



2



3



4



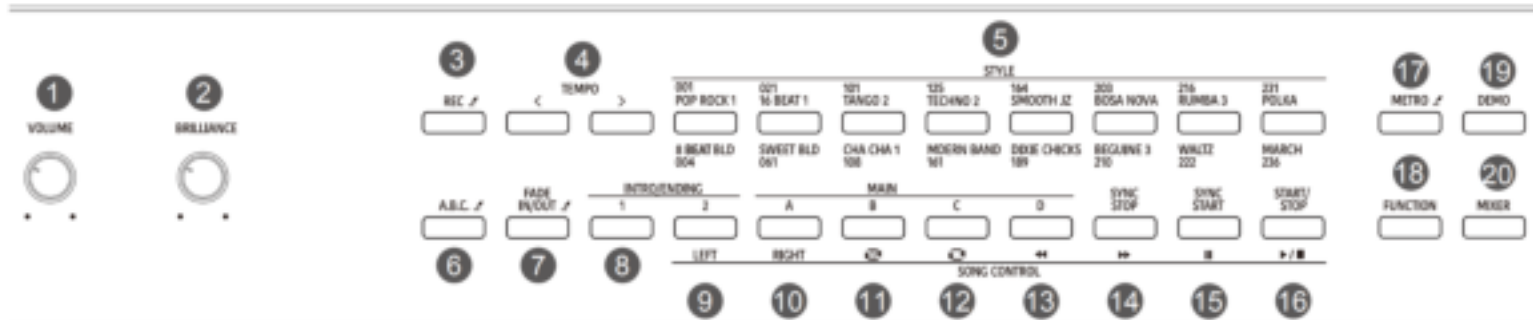
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6

## Display & control unit

### Front control unit



#### 1. Volume control

Adjust the volume here.

#### 2. Brilliance control

Use this to adjust the brilliance or brightness of the sound.

#### 3. Recording button

**With USB stick inserted:** Press to start audio recording.

**Without USB stick:** Press to start MIDI recording. Press and hold the button to access the settings.

#### 4. Tempo (+/-) buttons

Use these buttons to adjust the speed.

#### 5. Style selection button

Select a style here. Press the button once to select a primary style and press the button again to select a secondary style.

#### 6. A.B.C. button

Press this button to turn the A.B.C. function on or off.

Press and hold the button to access the chord settings.

#### 7. Fade in/out button

Press this button to turn fade in or fade out on or off.

Press and hold the button to access the fade function settings.

#### 8. Intro/Ending 1 button

Plays the intro or ending 1 pattern.

#### 9. Intro/Ending 2 button

Plays the intro or ending 2 pattern.

#### 10. Main A button

**In style mode:** Plays the main pattern A.

**In song mode:** Turns the right hand on/off.

#### 11. Main B button

**In Style mode:** Plays the main pattern B.

**In song mode:** Plays the current song in a continuous loop.

#### 12. Main C button

**In Style mode:** Plays the main pattern C.

**In song mode:** Plays all songs in a continuous loop.

#### 13. Main D button

**In Style mode:** Plays the main pattern D.

**In song mode:** Plays the current song from the beginning.

**In Bluetooth mode:** Plays the previous Bluetooth song.

#### 14. Sync Stop button

**In Style mode:** Turns the Sync Stop function on or off.

**In Song mode:** Fast-forwards the current playback.

**In Bluetooth mode:** Plays the next Bluetooth song.

#### 15. Sync Stop button

**In Style mode:** Turn the Sync Stop function on or off.

**In Song mode:** Pause playback.

**In Bluetooth mode:** Pause Bluetooth playback.

#### 16. Start/Stop button

Start/stop playback of a song (including Bluetooth).

#### 17. METRO button

Press the button to activate the metronome. Press and hold the button to access the settings.

#### 18. FUNCTION button

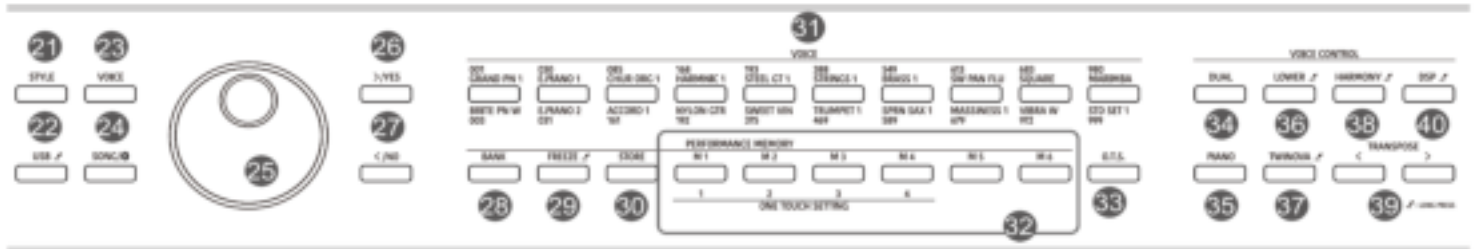
Press the button to access the function menu.

#### 19. Demo button

Press the button to enter demo mode.

#### 20. Mixer button

Press the button to access the mixer menu.



### 21.STYLE button

Press this button to activate style mode.

### 22.USB button

This button activates USB mode. Press and hold the button to access the USB menu.

### 23.VOICE button

Press the button to activate voice mode.

### 24.SONG/BLUETOOTH button

When Bluetooth is disabled, press the button to activate song mode.

When Bluetooth is enabled, press the button once to activate Bluetooth mode and press it again to switch to song mode.

### 25.DATA knob

Use this to adjust parameters.

### 26.+ / YES button

Increases the value of a parameter. Press [+ / YES] and [- / NO] simultaneously to restore the default values.

### 27.- / NO button

Decreases the value of a parameter. Press [+ / YES] and [- / NO] simultaneously to restore the default values.

### 28.BANK button

Select a memory bank

### 29.FREEZE button

Press the button to turn the freeze function on or off.

Press and hold the button to enter the settings.

### 30.STORE button

Save the current settings to a memory location.

Press STORE and M1 simultaneously to save the settings to M1.

### 31.VOICE Select buttons

This allows you to select a pre-installed voice directly. Press the button once to select the primary voice and press the button again to select a secondary voice.

### 32.M1-M6 buttons

**In memory mode:** Load settings from the corresponding memory location.

**In O.T.S. mode:** Load voices that match the current style.

### 33.O.T.S. button

Press this button to turn One Touch Setting on or off.

### 34.DUAL button

Press the button to turn dual mode on or off.

### 35.PIANO button

Press this button to activate piano mode.

### 36.LOWER button

Press this button to turn the LOWER function on or off. Press and hold this button to access the split point settings.

### 37.TWINOVA button

Press the button to activate or deactivate the Twinova function. Press and hold this button to access the Twinova split settings.

### 38.HARMONY button

Press the button to turn the Harmony function on or off.

Press and hold this button to access the Harmony settings.

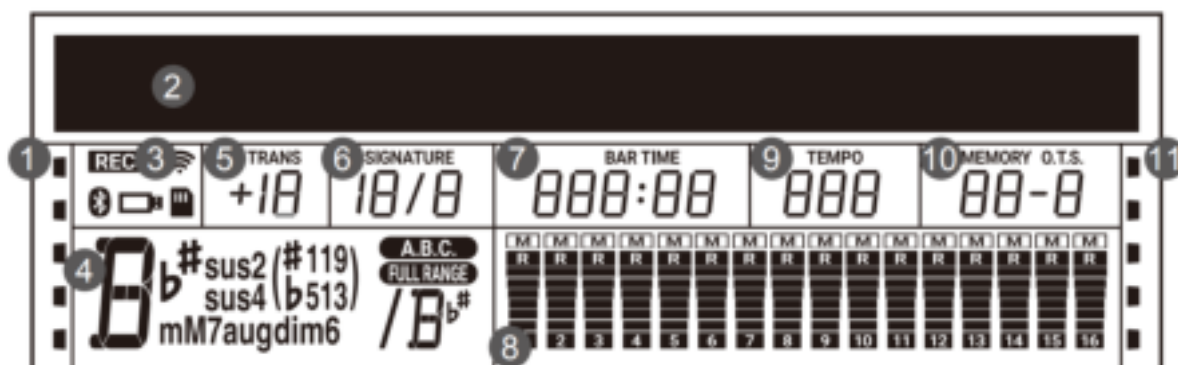
### 39.TRANSPOSE +/- buttons

Adjust the transpose values.

### 40.DSP button

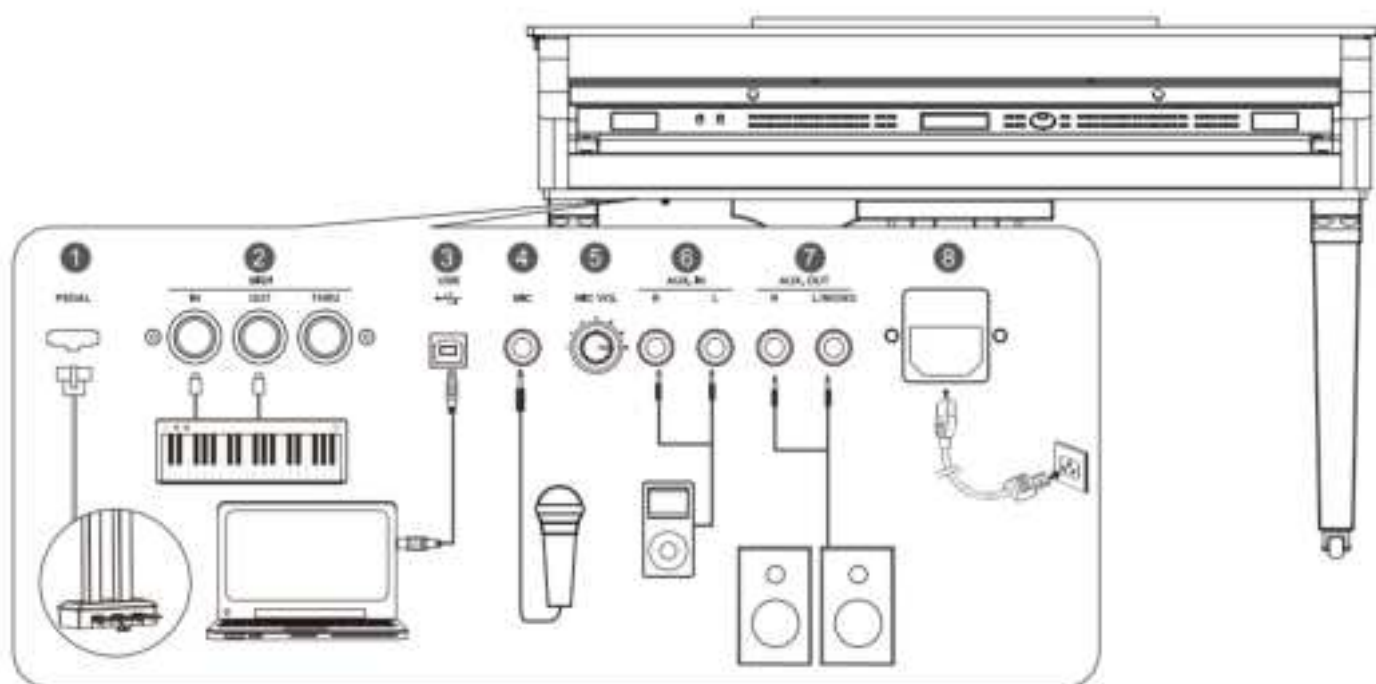
Press the button to turn DSP on or off. Press and hold the button to access the DSP settings.

## LCD display



- |                                 |   |
|---------------------------------|---|
| 1. Function display             | 8. Shows volume during song playback (MIDI) |
| 2. 192x16 dot matrix LCD        | 9. Tempo                                    |
| 3. Function display             | 10. Memory/O.T.S.                           |
| 4. Chord                        | 11. Functions display                       |
| 5. Transpose                    |   |
| 6. Time                         |   |
| 7. Timedisplay/time measurement |   |

## Connections



### 1. Pedal jack

Connect your pedal here.

### 2. MIDI OUT / MIDI IN / MIDI THRU jacks

You can connect external MIDI drives to the piano's jacks using standard MIDI cables.

The MIDI IN jack receives MIDI data from an external drive, while the MIDI OUT jack transmits MIDI data generated by the piano.

MIDI (Musical Instrument Digital Interface) is an international standard format for communication between electronic musical instruments. This means that all devices that have a MIDI terminal, e.g. electronic instruments or computers, can easily exchange data with each other without having to convert it.

### 3. USB socket

Here you can connect your keyboard to your computer, for example, to transfer songs or play the keyboard through your PC speakers.

### 4. Microphone jack

Before connecting your microphone, please ensure that the volume control is set to 0, as otherwise very loud noise may occur.

### 5. Microphone volume control

Use this to adjust the volume of the microphone.

### 6. AUX IN jack

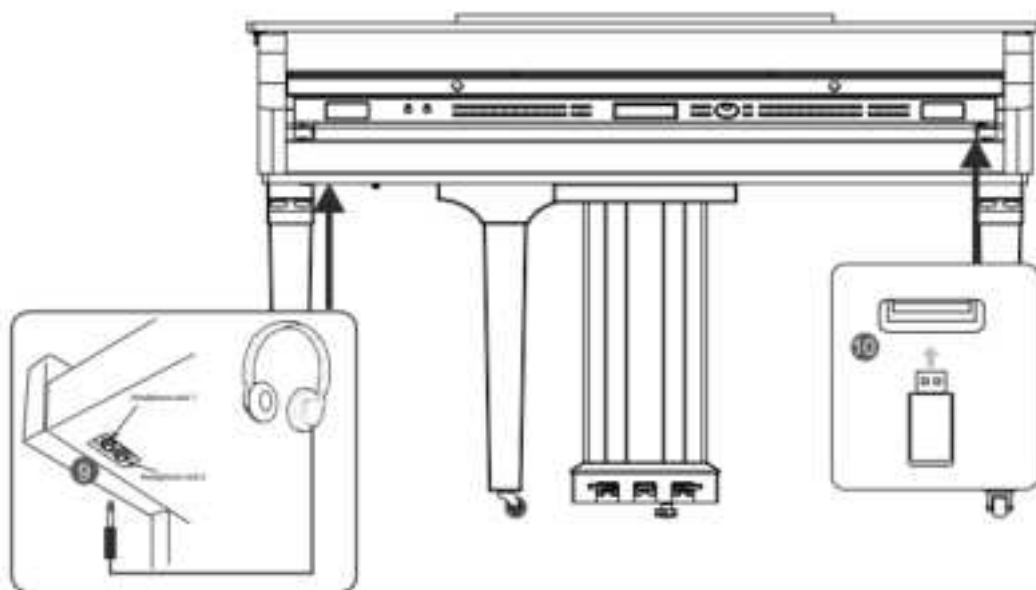
This connection allows the piano to play sounds, songs, and other audio from the connected device through the speakers. Use an audio cable and connect it to the AUX IN connection on the piano and the "Output" connection on your device (e.g., MP3 player).

### 7. AUX OUT jack

This connection is used if you want to connect a more powerful external audio source (e.g., amplifier). Use an audio cable and connect it to the AUX OUT connection on the piano and the "Input" connection on the external device.

### 8. Power connection

Connect the supplied power supply unit here.



### 9.Headphone jack

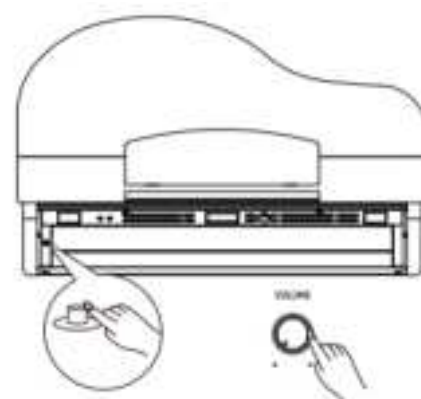
Plug your headphones in here. The built-in speakers in the piano will automatically turn off when headphones are connected.

### 10.USB port

Connect your USB stick here to load or save files.

## Power

1. Before switching on, check that the on/off switch is set to "Off" and that the volume controls are set to "0".
2. Connect the power supply to the piano and to a 230V power outlet.
3. Press the POWER button



### Adjusting the volume

Turn the knob to adjust the volume. Note: Excessive volume can damage your hearing over time.



### Adjusting the brilliance

Brilliance determines the timbre of the piano. The more brilliance is added, the more dominant the sound of the piano becomes. This setting can also be adjusted using the rotary wheel.





## Playing demo songs

The piano offers a variety of demo/learning songs that you can use for learning or just for fun.

1. Press the DEMO button.
2. Use +/YES or -/NO to select the desired song.
3. Press START/STOP to stop playback.

Note: Note entry is disabled during playback.

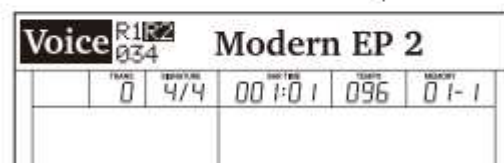
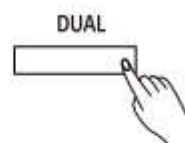
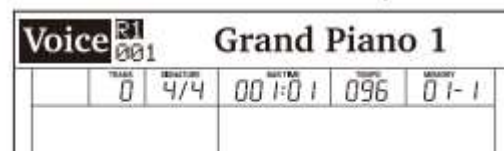
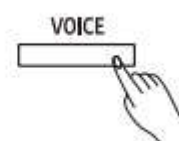
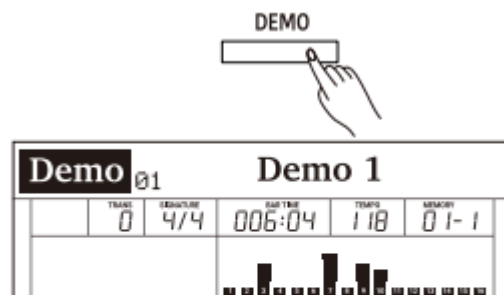
## Selecting a voice

This piano has the ability to sound like high-quality acoustic pianos/grand pianos and at the same time sound like other instruments such as drums.

1. Press VOICE.
2. Use +/YES or -/NO to select the desired song.
3. Play with the selected voice

## Two voices simultaneously

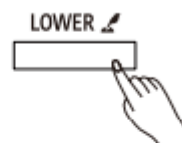
1. Activate the DUAL function using the DUAL button.
2. Select the desired song using +/YES or -/NO (shown as R2 on the display).
3. Play with the voices.
4. Deactivate the DUAL function by pressing the DUAL button again.



## Different voices on both hands

Here, the piano is divided into two halves. Each half can use its own voice.

1. Press LOWER. The display now shows "L."
2. Select a voice using the data control wheel.



| Voice |     | R1R2L   |     | Electric Grand 3 |          |
|-------|-----|---------|-----|------------------|----------|
|       | 026 |         |     |                  |          |
| TRANS | 0   | MEASURE | 4/4 | INITIAL          | 00 1:0 1 |
|       |     |         |     | TEMP             | 096      |
|       |     |         |     | MEMORY           | 0 1-1    |

3. Changing the split point

Press and hold the LOWER button to enter the menu. You can then use the +/- buttons (or by pressing the desired point) to reset the split point. The default point can be set by pressing + and – simultaneously.

| Func  |   | LOWER SPLIT |     | F#3     |          |
|-------|---|-------------|-----|---------|----------|
|       |   |             |     |         |          |
| TRANS | 0 | MEASURE     | 4/4 | INITIAL | 00 1:0 1 |
|       |   |             |     | TEMP    | 096      |
|       |   |             |     | MEMORY  | 0 1-1    |

Default Lower Split



4. Press the VOICE button to activate or deactivate R2 and L.

## Transpose

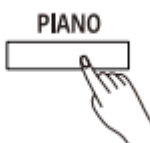
This function allows you to change the pitch of the piano in semitone steps to match other instruments or singers. This makes it easy to change the key without having to adjust your fingering. For example, if Transpose F is selected, an F will sound when you play a C. In other words, you can play the piece in C major and hear it transposed to F major.

1. Press Transpose+ / Transpose- to adjust the value.
2. Pressing + and – simultaneously restores the default value.

## Piano mode

This mode is specifically designed for piano players, allowing the digital piano to reproduce the sound and feel of an acoustic piano.

1. Press PIANO to activate/deactivate the mode.



|       |   | Concert Grand |     |         |          |
|-------|---|---------------|-----|---------|----------|
|       |   |               |     |         |          |
| TRANS | 0 | MEASURE       | 4/4 | INITIAL | 00 1:0 1 |
|       |   |               |     | TEMP    | 096      |
|       |   |               |     | MEMORY  | 0 1-1    |

## Twinova

This mode divides the piano into two identical sections, allowing two people to play together.

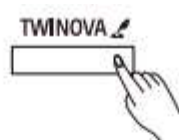
1. Press TWINOVA. The default split point is E3.
2. To change this, press and hold TWINOVA and then press the desired split point.
3. The default point can be set by pressing + and – simultaneously.
4. Press and hold TWINOVA and then select TWINOVA OCTAVE to shift the octaves using +/-.

**Note:** The pedal functions change as follows in this mode:

Right pedal: Notes in the right range sound longer.

Middle pedal: Notes in both ranges sound longer.

Left pedal: Notes in the left range sound longer.



| Twinova |   |     |         |     |      |
|---------|---|-----|---------|-----|------|
| TRANS   | 0 | 4/4 | 00 1:01 | 096 | 01-1 |
|         |   |     |         |     |      |

| Func  | TWINOVA SPLIT |     |         |     | E3   |
|-------|---------------|-----|---------|-----|------|
| TRANS | 0             | 4/4 | 00 1:01 | 078 | 01-1 |
|       |               |     |         |     |      |

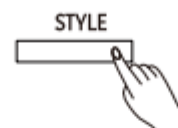
| Func  | TWINOVA OCTAVE |     |         |     | 0    |
|-------|----------------|-----|---------|-----|------|
| TRANS | 0              | 4/4 | 00 1:01 | 078 | 01-1 |
|       |                |     |         |     |      |

## Automatic accompaniment

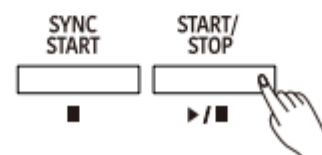
This function provides you with a complete band or orchestra as accompaniment. Depending on the chords you play with your left hand, the automatic accompaniment adjusts itself automatically. The instrument has a wide selection of styles. Try out different ones; you will find a list of available styles in the appendix.

### Accompaniment plays only the rhythm

1. Press STYLE.
2. Use +/- to select the desired style.
3. Press Start/Stop to start or stop the automatic accompaniment.



| Style | 002 | Pop Rock 1 |         |     |      |
|-------|-----|------------|---------|-----|------|
| TRANS | 0   | 4/4        | 00 1:01 | 096 | 01-1 |
|       |     |            |         |     |      |



## Playing entire songs in a style

In this mode, the piano also plays the appropriate chords when chord mode is activated.

In chord mode, the piano offers the following options:

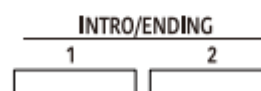
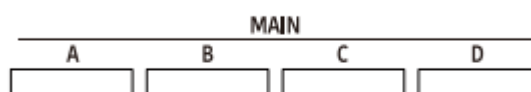
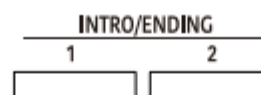
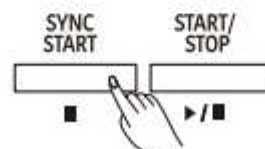
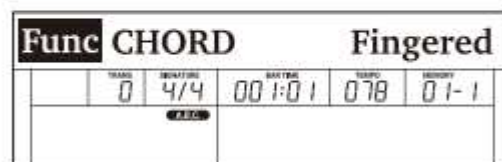
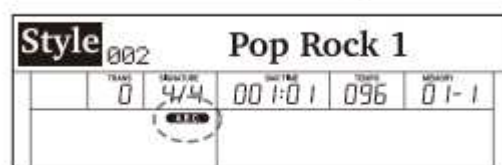
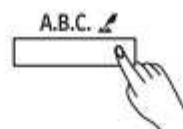
| Chord type     | Description  |
|----------------|--|
| Fingered       | Automatically recognizes all types of chords                 |
| Multi Finger   | Only recognizes multi-finger chords (C major 6, for example) |
| Bass inversion | Plays the inverted bass version of the chord being played    |
| Full Range     | Combines all of the above functions                          |

1. Press the A.B.C. button and select the desired mode by pressing it again.

**If you only want to play certain chords, press and hold A.B.C. to access the settings and select the chord type using +/-.**

2. Press SYNC START. This will start the automatic accompaniment after you have played a chord.

**Alternatively, you can also play a song in the background by pressing START/STOP.**



## Accompaniment variations

Other effects can also be added to increase the variation.

### INTRO

Adds a suitable intro.

### MAIN

This adds a suitable chord pattern.

### FILL IN

This adds a suitable sequence of chords.

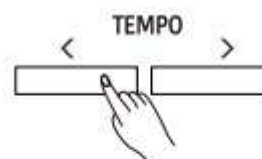
### END

This adds a suitable ending. Once the ending is finished, the automatic accompaniment also stops.

## Adjusting the speed

Each style comes with its own tempo, but you can change this as you wish.

1. Press TEMPO+ or TEMPO- to adjust the speed. You can also turn the DATA CONTROL WHEEL.
2. The default value can be restored by pressing + and – simultaneously.



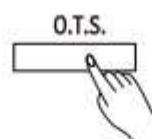
| Style        | 002     | Pop Rock 1 |
|--------------|---------|------------|
| TIME         | 0       | 4/4        |
| BEAT/MEASURE | 00 1:01 | 086        |
| TEMPO        | 01-1    |            |

## One-touch setting

This allows you to access all automatic accompaniment settings (including voice selection and digital effects).

1. Press O.T.S. to activate the function.
2. Press M1-M4 to call up the settings that match the current style.

**Note:** In the OTS menu, you can specify exactly which functions should be activated and which should not.



| Style        | 002     | Pop Rock 1 |
|--------------|---------|------------|
| TIME         | 0       | 4/4        |
| BEAT/MEASURE | 00 1:01 | 086        |
| TEMPO        | 01-1    |            |

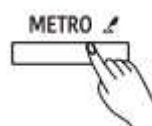
| M1 | M2 | M3 | M4 |
|----|----|----|----|
| 1  | 2  | 3  | 4  |

ONE TOUCH SETTING

## Metronome

The metronome provides a steady beat to help you play.

1. Press METRO.
2. Press METRO again to turn off the metronome.



## Metronome tempo and tone

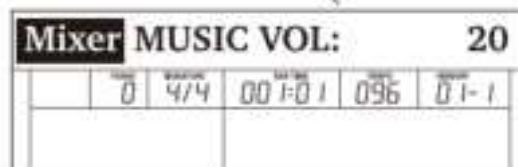
Press and hold METRO to access the settings, then use +/- to change the tempo.

| Func         | METRO   | 4/4 |
|--------------|---------|-----|
| TIME         | 0       | 4/4 |
| BEAT/MEASURE | 00 1:01 | 096 |
| TEMPO        | 01-1    |     |

## Equalizer

Here you can adjust the volume of all effects and tracks to maintain balance.

1. Press MIXER.
2. Select the desired parameter.
3. Adjust the volume of the parameter using +/-.  
The default value can be restored by pressing + and – simultaneously.



| Parameter            | LCD Display   |     | Volume Range |
|----------------------|---------------|-----|--------------|
| Music volume         | MUSIC VOL:    | xxx | 0 - 32       |
| Voice R1 volume      | R1 VOL:       | xxx | 0 - 32       |
| Voice R2 volume      | R2 VOL:       | xxx | 0 - 32       |
| Voice L volume       | L VOL:        | xxx | 0 - 32       |
| Metronome volume     | METRO VOL:    | xxx | 0 - 32       |
| Mic volume           | MIC VOL:      | xxx | 0 - 32       |
| Rhythm sub. volume   | RHYTHM_S VOL: | xxx | 0 - 32       |
| Rhythm master volume | RHYTHM_M VOL: | xxx | 0 - 32       |
| Bass volume          | BASS VOL:     | xxx | 0 - 32       |
| Chord 1 volume       | CHORD1 VOL:   | xxx | 0 - 32       |
| Chord 2 volume       | CHORD2 VOL:   | xxx | 0 - 32       |
| Chord 3 volume       | CHORD3 VOL:   | xxx | 0 - 32       |
| Phrase 1 volume      | PHRASE1 VOL:  | xxx | 0 - 32       |
| Phrase 2 volume      | PHRASE2 VOL:  | xxx | 0 - 32       |



## DSP effect

The DSP effect gives your sound a certain depth or its own ambience. This is achieved by simulating a real environment, such as playing in a large hall.

**The DSP effect is enabled by default and can be disabled using the DSP button.**

1. Press and hold the DSP button.
2. Select the desired parameter
3. Change the parameter with +/-.

| Parameter                           | Display               | Range   |
|-------------------------------------|-----------------------|---|
| Voice R1 DSP Effect Type            | R1 DSP TYPE    xxx    | Hall, Room, Crs.Dely, Tp.Delay, Tp.Echo, Chorus, Flanger, Phaser, Overdriv, Amp, Metl.Dst, Hard.Dst, Tremolo, Auto.Wah, Tp.Wah, None(Off) |
| Voice R1 DSP Effect Level           | R1 DSP LEVEL    xxx   | 0-32  |
| Voice R1 Global Reverb Level Send   | R1 G.REV SEND    xxx  | 0-32  |
| Voice R1 Global Chorus Level Send   | R1 G.CHR SEND    xxx  | 0-32  |
| Voice R2 DSP Effect Type            | R2 DSP TYPE    xxx    | Hall, Room, Crs.Dely, Tp.Delay, Tp.Echo, Chorus, Flanger, Phaser, Overdriv, Amp, Metl.Dst, Hard.Dst, Tremolo, Auto.Wah, Tp.Wah, None(Off) |
| Voice R2 DSP Effect Level           | R2 DSP LEVEL    xxx   | 0-32  |
| Voice R2 Global Reverb Level Send   | R2 G.REV SEND    xxx  | 0-32  |
| Voice R2 Global Chorus Level Send   | R2 G.CHR SEND    xxx  | 0-32  |
| Voice L DSP Effect Type             | L DSP TYPE    xxx     | Hall, Room, Crs.Dely, Tp.Delay, Tp.Echo, Chorus, Flanger, Phaser, Overdriv, Amp, Metl.Dst, Hard.Dst, Tremolo, Auto.Wah, Tp.Wah, None(Off) |
| Voice L DSP Effect Level            | L DSP LEVEL    xxx    | 0-32  |
| Voice L Global Reverb Level Send    | L G.REV SEND    xxx   | 0-32  |
| Voice L Global Chorus Level Send    | L G.CHR SEND    xxx   | 0-32  |
| Microphone DSP Effect Type          | MIC DSP TYPE    xxx   | Echo1, Echo2, Echo3, Phaser1, Phaser2, Enhanc, Wah, Overdv1, Overdv2, Lo-Fi, Comp, Gate, None(Off)  |
| Microphone DSP Effect Level         | MIC DSP LEVEL    xxx  | 0-32  |
| Microphone Global Reverb Level Send | MIC G.REV SEND    xxx | 0-32  |
| Microphone Global Chorus Level Send | MIC G.CHR SEND    xxx | 0-32  |
| Global Reverb Type                  | G.REV TYPE    xxx     | Hall1, Hall2, Hall3, Hall4, Pno.Hall, Room1, Room2, Room3, Church, Garage, Std.Hall   |
| Global Reverb Level                 | G.REV LEVEL    xxx    | 0-32  |
| Global Chorus Type                  | G.CHR TYPE    xxx     | Chorus1, Chorus2, Chorus3, Chorus4, GM.Chr1, GM.Chr2, Celeste1, Celeste2, Sympho1, Sympho2, Doubler, Std.Chr                              |
| Global Chorus Level                 | G.CHR LEVEL    xxx    | 0-32  |

## Harmony

This function allows you to add different harmony notes to the right-hand notes, immediately giving your playing a more harmonious sound.

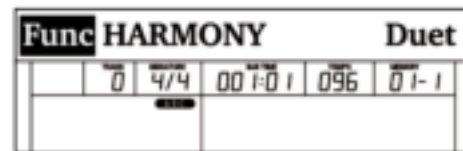
### Playing with the harmony function

1. Press HARMONY to activate the function; the indicator light will illuminate.
2. Turn on the A.B.C. function and play a chord with your left hand. When you play with your right hand, harmonies will be added automatically.
3. Press HARMONY again to turn off the function.



### Setting the harmony variation

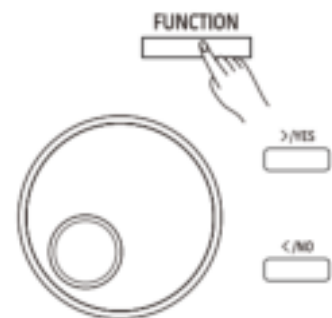
1. Press and hold the HARMONY button to open the corresponding menu.
2. Use the +/YES and -/NO buttons to select a harmony type.



**Please note:** Harmony types "1+5" and "Octave" are always available; the others are only available when you activate the A.B.C. function and play a chord in the left-hand area of the keyboard.

### Function menu

1. Press the FUNCTION button to open the menu; the current parameter appears on the display.
2. Use the rotary wheel to select a parameter. Use the +/YES and -/NO buttons to change the values. Press both buttons simultaneously to reset the value to the factory setting.



**Please note:** If no input is made within 10 seconds, the function menu will automatically close.



## Voice settings

This function changes the tuning of the entire keyboard in 2-cent steps within a range of  $\pm 50$  cents (100 cents).

1. Select the "Tune" parameter in the function menu.
2. Use the +/YES and -/NO buttons to change the value.

|      |      |           |          |       |        |    |
|------|------|-----------|----------|-------|--------|----|
| Func | TUNE |           |          |       |        | 00 |
|      | TUNE | SIGNATURE | BAR LINE | TEMPO | MEMORY |    |
|      | 0    | 4/4       | 00 1:01  | 096   | 01-1   |    |
| ABC  |      |           |          |       |        |    |

## Octave shift

This function allows you to change the pitch of a selected sound by one octave.

1. Select the parameter "Octave R1", "Octave R2" or "Octave L" from the function menu.
2. Use the +/YES and -/NO buttons to change the value.

|      |           |           |          |       |        |    |
|------|-----------|-----------|----------|-------|--------|----|
| Func | OCTAVE R1 |           |          |       |        | 00 |
|      | TUNE      | SIGNATURE | BAR LINE | TEMPO | MEMORY |    |
|      | 0         | 4/4       | 00 1:01  | 096   | 01-1   |    |
| ABC  |           |           |          |       |        |    |

**Please note:** The factory settings for the sounds may vary.

## Touch sensitivity

This function allows you to control the sound level via the touch sensitivity, just like on an acoustic instrument.

1. Select the "Touch" parameter in the function menu.
2. Use the +/YES and -/NO buttons to change the value.

|      |       |           |          |       |        |         |
|------|-------|-----------|----------|-------|--------|---------|
| Func | TOUCH |           |          |       |        | Medium1 |
|      | TUNE  | SIGNATURE | BAR LINE | TEMPO | MEMORY |         |
|      | 0     | 4/4       | 00 1:01  | 096   | 01-1   |         |
| ABC  |       |           |          |       |        |         |

**Please note:** The setting remains stored even when you switch off the instrument.

## Chord type setting

Here you can set the chord input variant.

1. Select the "Chord" parameter in the function menu.
2. Use the +/YES and -/NO buttons to change the value.

|      |       |           |          |       |        |          |
|------|-------|-----------|----------|-------|--------|----------|
| Func | CHORD |           |          |       |        | Fingered |
|      | TUNE  | SIGNATURE | BAR LINE | TEMPO | MEMORY |          |
|      | 0     | 4/4       | 00 1:01  | 096   | 01-1   |          |
| ABC  |       |           |          |       |        |          |

## Changing the split point

The split point "divides" the keyboard into two areas. When automatic accompaniment (A.B.C) is active, the left hand controls the playback of the automatic accompaniment. When automatic accompaniment is inactive, the left hand plays the lower voice.

1. Select the parameter "Lower Split" in the function menu.
2. Use the +/YES and -/NO buttons to change the value.

|      |             |           |          |       |        |     |
|------|-------------|-----------|----------|-------|--------|-----|
| Func | LOWER SPLIT |           |          |       |        | F#3 |
|      | TUNE        | SIGNATURE | BAR LINE | TEMPO | MEMORY |     |
|      | 0           | 4/4       | 00 1:01  | 096   | 01-1   |     |
| ABC  |             |           |          |       |        |     |

## Twinova Split Point / Octave Shift

Here you can set the split point and octave for Twinova mode.

1. Select the "Twinova Split/Twinova Octave" parameter from the function menu.
2. Use the +/YES and -/NO buttons to change the value.

## Harmony variant

1. Select the "Harmony" parameter from the function menu.
2. Use the +/YES and -/NO buttons to make your selection.

| Harmony Type | LCD Display |
|--------------|-------------|
| Duet         | Duet        |
| Trio         | Trio        |
| Octave       | Octave      |
| 1+5          | 1+5         |
| Country Duet | CountryDuet |
| Block        | Block       |
| 4 Close 1    | 4Close1     |
| 4 Close 2    | 4Close2     |
| 4 Open       | 4Open       |

| Func | TWINOVA SPLIT |          |          |       |        | E3 |
|------|---------------|----------|----------|-------|--------|----|
|      | TRANS         | SEMI/SHR | BAR TIME | TRANS | MEMORY |    |
|      | 0             | 4/4      | 00 1:0 1 | 078   | 0 1-1  |    |

| Func | TWINOVA OCTAVE |          |          |       |        | 0 |
|------|----------------|----------|----------|-------|--------|---|
|      | TRANS          | SEMI/SHR | BAR TIME | TRANS | MEMORY |   |
|      | 0              | 4/4      | 00 1:0 1 | 078   | 0 1-1  |   |

| Func | HARMONY |          |          |       |        | Duet |
|------|---------|----------|----------|-------|--------|------|
|      | TRANS   | SEMI/SHR | BAR TIME | TRANS | MEMORY |      |
|      | 0       | 4/4      | 00 1:0 1 | 096   | 0 1-1  |      |

## Equalizer

The EQ controls the gain of the different frequency ranges. Different EQ values result in different sounds.

1. Select the "EQ" parameter from the function menu.
2. Use the +/YES and -/NO buttons to make your selection.

| Func | EQ    |          |          |       |        | Piano |
|------|-------|----------|----------|-------|--------|-------|
|      | TRANS | SEMI/SHR | BAR TIME | TRANS | MEMORY |       |
|      | 0     | 4/4      | 00 1:0 1 | 096   | 0 1-1  |       |

## String resonance

When a piano sound is selected, pressing the sustain pedal produces a string resonance effect. The effect sounds like an acoustic grand piano.

1. Select the parameter "String Res."
2. Use the +/YES and -/NO buttons to make your selection.

**Please note:** The setting will remain even if you turn off the piano.

| Func | STRING RES. |          |          |       |        | 8 |
|------|-------------|----------|----------|-------|--------|---|
|      | TRANS       | SEMI/SHR | BAR TIME | TRANS | MEMORY |   |
|      | 0           | 4/4      | 00 1:0 1 | 096   | 0 1-1  |   |

## Soft Pedal

You can assign different functions to the soft pedal.

1. Select the "Soft Pedal" parameter in the function menu.
2. Use the +/YES and -/NO buttons to make your selection.

### Detailed description of the pedal functions

| Function | Description                                  |
|----------|--|
| Soft     | Produces a softer sound for the notes played |
| Play     | Starts or stops playback of a style          |
| Memory   | Switches between memory locations            |

## Freeze

When the Freeze function is activated, style settings are not changed even when a memory is recalled.

1. Select the "Freeze" parameter in the function menu.
2. Use the +/YES and -/NO buttons to make your selection.

**Please note:** The settings are only available when the Freeze function is active.

|      |        |     |         |     |      |       |
|------|--------|-----|---------|-----|------|-------|
| Func | FREEZE |     |         |     |      | Style |
|      | 0      | 4/4 | 00:10:1 | 096 | 01-1 |       |

## Metronome beat and tone

1. Select the "Metro" parameter from the function menu.
2. Use the +/YES and -/NO buttons to make your selection.

|      |       |     |         |     |      |     |
|------|-------|-----|---------|-----|------|-----|
| Func | METRO |     |         |     |      | 4/4 |
|      | 0     | 4/4 | 00:10:1 | 096 | 01-1 |     |

## Fade setting

You can set the time for the fade in/out in seconds.

1. Select the parameter "Fade Time" from the function menu.  
"Fade Time" from the function menu.
2. Use the +/YES and -/NO buttons to make your selection.

|      |           |     |         |     |      |    |
|------|-----------|-----|---------|-----|------|----|
| Func | FADE TIME |     |         |     |      | 10 |
|      | 0         | 4/4 | 00:10:1 | 096 | 01-1 |    |

## MIDI Out Channel

Here you can set the MIDI Out channel for sound R1.

1. Select the "MIDI OUT CH" parameter from the function menu.
2. Use the +/YES and -/NO buttons to make your selection.

|      |             |     |          |     |        |    |
|------|-------------|-----|----------|-----|--------|----|
| Func | MIDI OUT CH |     |          |     |        | 01 |
|      | 0           | 4/4 | 00 1:0 1 | 096 | 0 1- 1 |    |
|      |             |     |          |     |        |    |

**Please note:** The setting will remain even if you turn off the device.

## Song Loop (continuous loop)

A loop is the continuous repetition of a playback. You can choose whether all songs should be repeated, only one song, or none at all.

1. Select the "Song Loop" parameter in the function menu.
2. Use the +/YES and -/NO buttons to make your selection.  
make your selection

|      |           |     |          |     |        |     |
|------|-----------|-----|----------|-----|--------|-----|
| Func | SONG LOOP |     |          |     |        | All |
|      | 0         | 4/4 | 00 1:0 1 | 096 | 0 1- 1 |     |
|      |           |     |          |     |        |     |

**Please note:** This setting is retained even when the device is switched off.

## Auto Standby (APO)

The device switches off automatically after 15 minutes of inactivity. You can deactivate this switch-off function or adjust the time to suit your requirements.

1. Select the "Power Off" parameter in the function menu.
2. Use the +/YES and -/NO buttons to make your selection.

|      |           |     |          |     |        |        |
|------|-----------|-----|----------|-----|--------|--------|
| Func | POWER OFF |     |          |     |        | 15 min |
|      | 0         | 4/4 | 00 1:0 1 | 096 | 0 1- 1 |        |
|      |           |     |          |     |        |        |

**Please note:** This setting is saved even when you switch off the instrument. Only deactivate the APO function for stage use.

## System time settings

It may be useful to have an accurate time setting, as this is used for saving data, for example. The setting is retained even when you switch off the device.

1. Select the "Year / Month / Day / Hour / Minute" parameter in the function menu.
2. Use the +/YES and -/NO buttons to set the time.

|      |      |     |          |     |        |      |
|------|------|-----|----------|-----|--------|------|
| Func | YEAR |     |          |     |        | 2016 |
|      | 0    | 4/4 | 00 1:0 1 | 096 | 0 1- 1 |      |
|      |      |     |          |     |        |      |

## Automatic Bluetooth connection

This setting determines whether Bluetooth connections are established automatically or not. Once a Bluetooth device has been successfully paired, the piano can automatically establish a connection as soon as the device comes within range.

1. In the function menu, select the parameter "Bluetooth Auto" from the function menu.
2. Use the +/YES and -/NO buttons to make your selection.

| Func BLUETOOTH AUTO On |     |        |     |      |  |
|------------------------|-----|--------|-----|------|--|
| 0                      | 4/4 | 001:01 | 096 | 01-1 |  |

## Resetting to factory settings

1. Select the "System Reset" parameter from the function menu.
2. Press +/YES; "Reset all settings?" appears on the display.
3. Press +/YES if you really want to discard all your settings.
4. The next question "Delete the user song?" appears on the display.
5. If you want to delete all your songs, confirm the question with +/YES.
6. The process may take some time. Please wait patiently!

| Func SYSTEM RESET |     |        |     |      |  |
|-------------------|-----|--------|-----|------|--|
| 0                 | 4/4 | 001:01 | 096 | 01-1 |  |

**Please note:** Do not switch off the device during this process, as this may destroy the internal data of the instrument and lead to malfunctions.

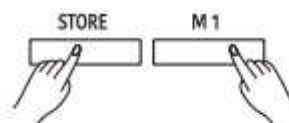
## Performance Memory

The "Performance Memory" function allows you to save all your settings and recall them at the touch of a button.

**Please note:** To reset the memory to the factory settings, hold down the factory settings, hold down the STORE and M1 buttons pressed while turning on the device. This will delete all memory locations.

## Setting the panel

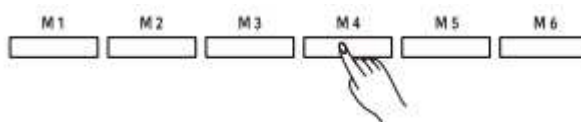
1. There are 6 memory locations (memory banks), M1-M6.
2. Hold down the STORE button and press one of the M1 to M6 memory buttons. Please note that this will overwrite the previous settings.



| Voice 001 Grand Piano 1 |     |        |     |      |  |
|-------------------------|-----|--------|-----|------|--|
| 0                       | 4/4 | 001:01 | 096 | 01-1 |  |

## Recalling settings

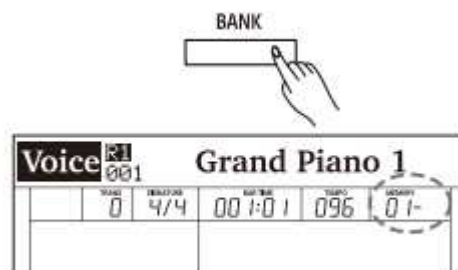
Press one of the memory buttons M1 to M6; your settings will be recalled immediately.



If the "O.T.S" function is active, no information can be recalled from memory.

## Selecting a memory bank

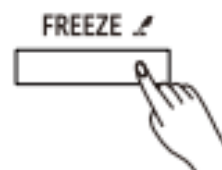
1. Press BANK; the current number appears in the display.
2. Select a memory location by pressing the BANK button repeatedly.



## Making certain settings unchangeable (freeze function)

When the freeze function is activated, some style settings cannot be changed even when a memory is recalled.

1. Press FREEZE to activate the function. The indicator light will illuminate.
2. Press FREEZE again to turn it off; the indicator light will go out.
3. Press and hold the FREEZE button to enter the corresponding settings menu. You can specify whether the settings for voice, style, or song settings should be "frozen."



## Recording a song

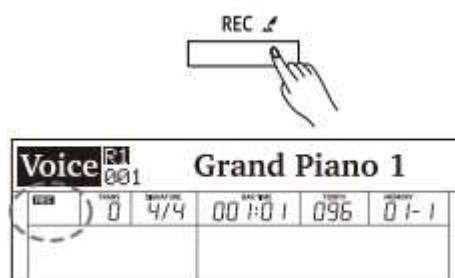
You can choose between audio and MIDI recordings.

### MIDI recording

You can save a MIDI recording as a user song in your piano. You can play it back there or save it to a USB flash drive.

## Preparing to record

Press REC to put the device into standby mode. The indicator light will illuminate and "Rec" will flash on the display.



**Please note:** If a flash drive is inserted, press and hold the REC button to open the settings menu and select "MIDI" as the recording mode. You can also choose whether you want to save the recording to the piano or to the flash drive. Once you have finished the settings, press REC to put the device into standby mode.

In standby mode, you can select the settings for sound, style, tempo, etc.

To exit standby mode, press REC.

## Starting recording

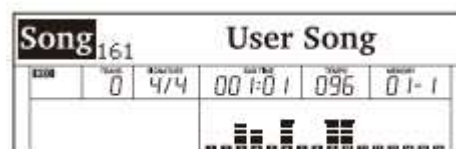
From Standby mode, you can start recording by pressing START/STOP or by starting to play. The indicator light on the REC button lights up and the display stops flashing.

## Stop recording

1. To stop recording, press REC; the indicator light will go out.
2. When the memory is full, recording stops automatically and the recording is saved.

## Playing back a recording

1. After stopping recording by pressing the REC button, song mode is activated and the recorded song is displayed. Press START/STOP to start playback.



2. In standby mode, you can press SONG to enter this mode. Use the +/YES and -/NO buttons to select a user song and then press START/STOP to play the song.



## Recording settings

1. Press and hold the REC button to open the settings menu.
2. Select a parameter using the rotary wheel.
3. Change the settings using the +/YES and -/NO buttons.
4. You can then start recording as described.

|            |                          |     |       |     |      |
|------------|--------------------------|-----|-------|-----|------|
| <b>Rec</b> | <b>Record Type: MIDI</b> |     |       |     |      |
| TIME       | 0                        | 4/4 | 00:01 | 096 | 01-1 |
|            |                          |     |       |     |      |

| Parameter                    | LCD Display   |     | Range                     |
|------------------------------|---------------|-----|---------------------------|
| Record Type Setting          | Record Type:  | xxx | MIDI, MP3                 |
| MIDI Recording Channel 1     | Ch1:R1        | xxx | On, Off                   |
| MIDI Recording Channel 2     | Ch2:R2        | xxx | On, Off                   |
| MIDI Recording Channel 3     | Ch3:L         | xxx | On, Off                   |
| MIDI Recording Channel 4     | Ch4:MIDI Ch4  | xxx | On, Off                   |
| MIDI Recording Channel 5     | Ch5:MIDI Ch5  | xxx | On, Off                   |
| MIDI Recording Channel 6     | Ch6:MIDI Ch6  | xxx | On, Off                   |
| MIDI Recording Channel 7     | Ch7:MIDI Ch7  | xxx | On, Off                   |
| MIDI Recording Channel 8     | Ch8:MIDI Ch8  | xxx | On, Off                   |
| MIDI Recording Channel 9     | Ch9:Rhythm_s  | xxx | On, Off                   |
| MIDI Recording Channel 10    | Ch10:Rhythm_m | xxx | On, Off                   |
| MIDI Recording Channel 11    | Ch11:Bass     | xxx | On, Off                   |
| MIDI Recording Channel 12    | Ch12:Chord1   | xxx | On, Off                   |
| MIDI Recording Channel 13    | Ch13:Chord2   | xxx | On, Off                   |
| MIDI Recording Channel 14    | Ch14:Chord3   | xxx | On, Off                   |
| MIDI Recording Channel 15    | Ch15:Phrase1  | xxx | On, Off                   |
| MIDI Recording Channel 16    | Ch16:Phrase2  | xxx | On, Off                   |
| Saving the MIDI Recording To | MIDI Save To: | xxx | Internal Flash, USB Flash |

### Please note:

1. The settings for the first and last parameters can only be changed when a flash drive is inserted. For more information, refer to the section entitled "Flash Drive."
2. If you used DSP effects during MIDI recording, the preset DSP effects for sounds R1, R2, and L will be deactivated during MIDI playback and cannot be changed. They will be reactivated as soon as you pause or stop MIDI playback or exit MIDI mode.
3. If you are using channels 4-8 for recording, please connect an external MIDI keyboard or similar MIDI device via the MIDI or USB port and adjust the MIDI Out channels accordingly.



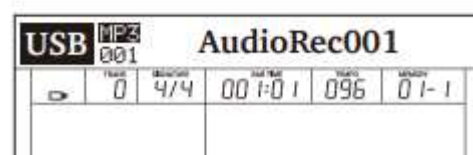
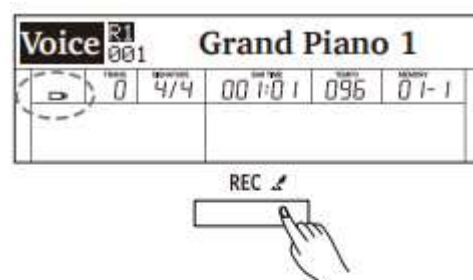
## Audio recordings

When you make an audio recording, the recording is saved as an MP3 file on a USB flash drive. All sounds you hear during recording are saved faithfully.

1. Connect a USB flash drive and wait until the indicator light comes on.
2. Press REC to start recording; the indicator light will illuminate. If you want to make a MIDI recording instead, hold down the REC button and change the recording type to MIDI in the settings as described above.
3. During recording, you can use the automatic accompaniment, the keyboard, play songs or demos, play music via the Aux In jack or via a microphone. All these sounds will be recorded.
4. To stop recording, press the REC button. The indicator light goes out.
5. The recorded song is automatically saved as "AudioRec 001."

Press START/STOP to start playback.

**Please note:** Never remove the USB drive or turn it off while a song is being saved. This could damage both the file and the drive.



## Preset songs

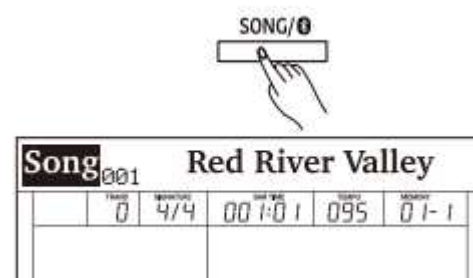
The piano has a selection of beautiful piano pieces, which you will find in the song overview in the appendix.

### Playing songs

1. Press SONG to enter the mode; the number and name of the current song appear on the display.
2. Select a song using the dial wheel or the +/-YES and -/NO buttons.
3. Press START/STOP to start playback.

**Please note:**

1. You can use the loop function to play songs continuously.
2. When Bluetooth is active, press the SONG button once to activate Bluetooth mode and a second time to switch to song mode.



## Song playback settings

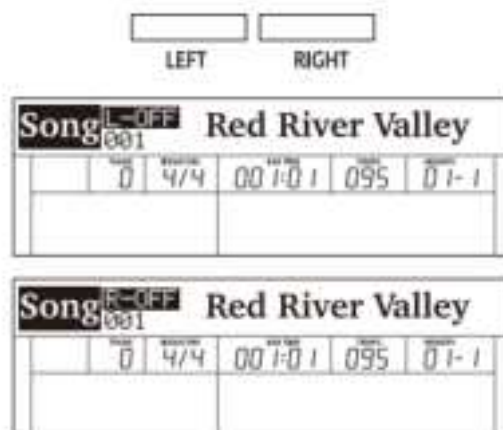
1. Press button (15) to fast forward a song, (14) to rewind it, and 16 to pause it.
2. Pressing button (12) will repeat the current song continuously; press 13 to repeat all songs continuously.



## Practicing songs

The melody track can be turned off for all songs.

1. Press the LEFT button to turn off the melody for the left hand; the "L-Off" indicator will light up. You can now practice the part for the left hand.
2. You can practice the part for the right hand in the same way: press RIGHT; the "R-Off" light will light up.

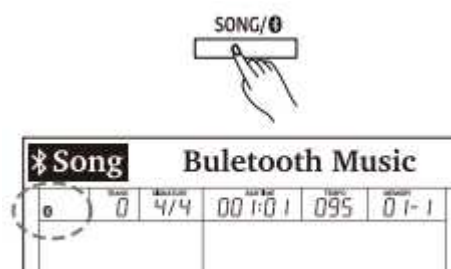


## Bluetooth

1. The Bluetooth function is enabled by default; the Bluetooth name is "PIANO-AUDIO."
2. You can pair the piano with another Bluetooth device; once pairing is successful, this information is saved and the connection is always established automatically when the device is within range. You can disable this function in the function menu.

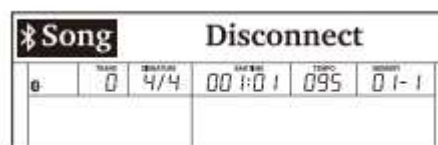
## Playing Bluetooth songs

1. Once pairing is complete, the indicator will appear on the display. Press the SONG button (25) to activate Bluetooth mode.
2. Press START/STOP to start playback.
3. You can select a Bluetooth song using buttons (14) and (15). You can also use the +/YES and -/NO buttons.



## Ending the Bluetooth connection

1. Use the rotary knob to select "Disconnect" and then press +/YES. The display shows "Disconnect Bluetooth?" appears on the display.
2. Press +/YES to disconnect.



**Please note:** In Bluetooth mode, you can press SONG to switch to song mode.

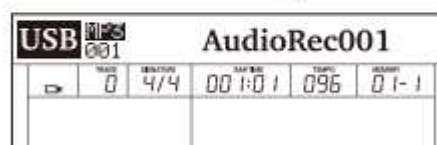
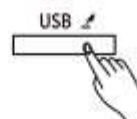
## Connecting a USB flash drive

The instrument recognizes USB flash drives between 32 MB and 128 GB that are formatted in FAT32 and are not partitioned. We recommend formatting the flash drive before using it in the instrument.

A flash drive in FAT 32 format supports up to 512 files in its root directory. Anything beyond that cannot be saved.

## Playing files from a USB stick

1. Press USB to open the menu. All MIDI and MP3 songs in the root directory of the USB stick appear on the display.
2. Use +/YES and -/NO to select a song.
3. Press START/STOP to start playback. You can also activate a loop; see the "Function menu" chapter.
4. Press START/STOP again to stop playback.



## Saving files to a USB stick

1. Press and hold the USB button to open the menu and select "Save MIDI" with the dial wheel.
2. Press +/YES to save the song in the root directory of the flash . . . . .  
The name of the song is "UserSong00X\_YYMMDD\_NUB.MIDI." If the user song does not contain any data, the device displays "NoFile!"
3. After successful storage, the device displays "User song save successful!" and returns to the USB menu.



## Composition of the song name:

"UserSong00X" is the name and number of the user song,  
"YYMMDD" is the year, month, and date of recording, and  
"NUB" is the sequential number (001-512).

## Loading a file from USB

1. Press and hold the USB button and select "Load MIDI" with the rotary wheel.
2. Press +/-YES; the display shows all MIDI files (\*.mid) in the root directory. Use the rotary wheel to select one.
3. Press +/-YES; "Load MIDI successful!" appears on the display to indicate that the song has been loaded successfully.  
loading process. If the user song in the instrument is not empty, the display will ask "Overwrite the User Song?". If you want the song to be overwritten, press +/-YES. If you do not want this, press +/-NO.
4. After the loading process, the display returns to the USB menu.

| USBMenu |     | Load MIDI |     |      |  |
|---------|-----|-----------|-----|------|--|
| 0       | 4/4 | 001:01    | 096 | 01-1 |  |
|         |     |           |     |      |  |

**Please note** that overwriting will delete the original song on the instrument!

## Formatting the USB stick

1. Press and hold the USB button to open the menu. Use the dial wheel to select "Format USB."
2. Press +/-YES; "Format USB Flash Drive?" appears on the display.
3. Press +/-YES to format the drive or +/-NO to cancel the process.
4. After formatting, the device returns to the USB menu.

| USBMenu |     | Format USB |     |      |  |
|---------|-----|------------|-----|------|--|
| 0       | 4/4 | 001:01     | 096 | 01-1 |  |
|         |     |            |     |      |  |

## MIDI

### What is MIDI?

MIDI (Musical Instrument Digital Interface) is a worldwide standard for communication between electronic musical instruments and computers. By exchanging information between devices, MIDI instrument and drive systems can be created that are more versatile and flexible than isolated instruments. You can connect computers, sequencers, expanders, or other keyboards to your keyboard. MIDI signals can be divided into two groups: channel signals and system signals. The Pino has a USB port that can be used for both MIDI In and MIDI Out.

## Troubleshooting

| Problem   | Possible cause and solution  |
|---|--|
| You hear a "pop" when the device is turned on or off.                         | This is normal and not a cause for concern.  |
| Noises occur during use of a mobile phone.                                    | A mobile phone near the instrument may cause interference.<br>cause interference. Turn off the phone or move further away from the device.                           |
| Problem   | Possible cause and solution  |
| You cannot hear anything when playing the keyboard.                           | The volume may be set too low. Turn it up a little. Check whether headphones are connected. Check whether the volume for R1/R2/L is set too low on the mixer.        |
| The automatic accompaniment does not start even though it is in standby mode. | Try starting the automatic accompaniment in the right-hand range. To start it synchronously, you must press a key in the left-hand range.                            |
| Certain notes sound wrong.  | Check that the tune value is set to 0. You can reset the instrument to the factory settings by holding down the +/YES and /NO buttons while turning on the keyboard. |
| The keyboard is not recognized after connecting to a computer.                | Check that the USB cable is properly connected and, if necessary, try connecting the keyboard to a different USB port.   |
| The pedal does not work.  | Check that it is connected correctly.  |
| Reading/writing to a USB flash drive does not work.                           | Only unpartitioned flash drives in FAT32 format are recognized. Please format the flash drive before use.  |
| The device switches off after a while.  | The device switches off automatically after a certain period of time. You can deactivate this function in the function menu.   |

## Specifications

|                               |  |
|-------------------------------|--|
| <b>Keyboard &amp; Display</b> |  |
| Keyboard                      | 88 Graded Hammer-Action Keys with Triple Sensors   |
| Touch Response                | 6 types, Off   |
| Display                       | Multi-functional LCD   |
| <b>Voices</b>                 |  |
| Polyphony (max.)              | 256  |
| Voices                        | 1200 panel, 13 drum kits   |
| Layer                         | Left, Right1, Right2   |
| Split                         | Yes  |
| Duo (Twinova)                 | Yes  |
| <b>Styles</b>                 |  |
| Styles                        | 270 presets  |
| Style Control                 | Start / Stop<br>Sync start<br>Sync stop<br>Intro 1 / Ending 1<br>Intro 2 / Ending 2<br>Main A / Fill in A<br>Main B / Fill in B<br>Main C / Fill in C<br>Main D / Fill in D<br>A.B.C.<br>Fade in/out |
| Style Creator                 | —  |
| O.T.S.                        | Yes  |
| Chord Types                   | 32   |
| <b>Effects</b>                |  |
| Effects                       | DSP on / off;<br>Second-generation Acoustic Piano String Resonance Simulation  |
| Master EQ                     | 6 types  |
| Reverb                        | 11 types   |
| Chorus                        | 12 types   |
| Voice Effect                  | 15 types   |
| <b>Performance Enhance</b>    |  |
| Harmony                       | 9 types  |
| <b>Song &amp; Recording</b>   |  |
| Music Library                 | 90 preset songs; L / R hand learning   |
| Sequencer                     | 1 user song (16 tracks)  |
| Demo Song                     | 3  |
| Audio Playback                | MP3  |
| Audio Recorder                | MP3  |
| Score Display                 | —  |
| <b>Pitch Adjustment</b>       |  |
| Transpose                     | -12 ~ +12  |
| Octave                        | -2 ~ +2  |
| Tuning                        | -50 ~ +50  |
| <b>Other Functions</b>        |  |
| Mixer                         | Yes (14 tracks)  |
| Performance Memory            | 32 preset banks x 6  |
| Assignable Controllers        | Soft pedal   |
| Pitch Bend                    | —  |
| Modulation                    | —  |
| Metronome                     | Yes  |
| Tempo                         | 30 ~ 280   |
| Other control                 | Piano mode;<br>Brilliance;<br>Bluetooth Audio/MIDI   |

|                                  |                                |
|----------------------------------|--------------------------------|
| <b>Connections</b>               |                                |
| Interaction & Expansion          | USB MIDI, USB Audio, Bluetooth |
| External Drive                   | USB flash drive (128G max)     |
| Microphone                       | YES (Mic effect 12 types)      |
| Phones                           | 2 Standard Stereo              |
| Pedals                           | Sustain, Soft, Sostenuto       |
| MIDI                             | In, Out, Thru                  |
| USB                              | USB Audio & MIDI               |
| Input                            | 2 Standard mono                |
| Output                           | 2 Standard mono                |
| <b>Power Supply</b>              |                                |
| Power                            | AC 220V                        |
| Power Off Protection             | Yes                            |
| <b>Amplifiers &amp; Speakers</b> |                                |
| Amplifiers                       | 100W x 2                       |
| Speakers                         | 40W x 2, 20W x 2               |
| <b>Dimensions &amp; Weight</b>   |                                |
| Dimensions LWH (mm)              | 1476 x 947 x 932               |
| Weight (kg)                      | 101                            |



## Appendix

### Voice list

| No.                   | Voice Name                     | LCD Name           |
|-----------------------|--------------------------------|--------------------|
| <b>Piano</b>          |                                |                    |
| 1                     | Acoustic Grand Piano 1         | Grand Piano 1      |
| 2                     | Acoustic Grand Piano 2         | Grand Piano 2      |
| 3                     | Bright Acoustic Piano (wide) 1 | Bright Pno/Wide 1  |
| 4                     | Acoustic Grand Piano (dark) 1  | Grand Piano/Dark 1 |
| 5                     | Rock Piano                     | Rock Piano         |
| 6                     | Honky Tonk Piano (wide) 1      | Honky Tonk/Wide 1  |
| 7                     | Octave Grand Piano 1           | Octave Piano 1     |
| 8                     | Octave Grand Piano 2           | Octave Piano 2     |
| 9                     | Grand Piano/Live               | Grand Piano/Live   |
| 10                    | Bright Acoustic Piano 1        | Bright Piano 1     |
| 11                    | Grand Piano (Warm)             | Grand Piano/Warm   |
| 12                    | Octave Grand Piano 3           | Octave Piano 3     |
| 13                    | Octave Grand Piano 4           | Octave Piano 4     |
| 14                    | Honky Tonk Piano 1             | Honky Tonk 1       |
| 15                    | Harpsichord (Live)             | Harpsichord/Live   |
| 16                    | Harpsichord (Octave) 1         | Harpsi/Octave 1    |
| 17                    | Harpsichord 1                  | Harpsichord 1      |
| 18                    | Electric Grand Piano 1         | Electric Grand 1   |
| 19                    | Electric Grand Piano 2         | Electric Grand 2   |
| 20                    | Pop Piano                      | Pop Piano          |
| 21                    | Piano & Strings 1              | Piano&Strings 1    |
| 22                    | Piano & Pad 1                  | Piano&Pad 1        |
| 23                    | Piano & Choir 1                | Piano&Choir 1      |
| 24                    | Piano & EP 1                   | Piano&EP 1         |
| 25                    | Piano & EP 2                   | Piano&EP 2         |
| 26                    | Electric Grand Piano 3         | Electric Grand 3   |
| 27                    | Harpsichord (Octave) 2         | Harpsi/Octave 2    |
| 28                    | Harpsichord & Strings          | Harpsi&Strings     |
| 29                    | Electric Grand Piano 4         | Electric Grand 4   |
| <b>Electric Piano</b> |                                |                    |
| 30                    | Electric Piano 1               | E. Piano 1         |
| 31                    | Electric Piano 2               | E. Piano 2         |
| 32                    | Modern Electric Piano 1        | Modern EP 1        |
| 33                    | Jazz Electric Piano 1          | Jazz EP 1          |
| 34                    | Modern Electric Piano 2        | Modern EP 2        |
| 35                    | Jazz Electric Piano 2          | Jazz EP 2          |
| 36                    | Phase Electric Piano 1         | Phase EP 1         |
| 37                    | Vintage Electric Piano 1       | Vintage EP 1       |
| 38                    | Funk EP 1                      | Funk EP 1          |
| 39                    | Vintage Electric Piano 2       | Vintage EP 2       |
| 40                    | Classic Electric Piano 1       | Classic EP 1       |
| 41                    | Electric Piano 3               | E. Piano 3         |
| 42                    | Tremolo EP 1                   | Tremolo EP 1       |
| 43                    | Funk EP 2                      | Funk EP 2          |
| 44                    | 60's Electric Piano 1          | 60's EP 1          |
| 45                    | Vintage Electric Piano 3       | Vintage EP 3       |
| 46                    | Warm Electric Piano            | Warm EP            |
| 47                    | Tremolo EP 3                   | Tremolo EP 3       |
| 48                    | Electric Piano 4               | E. Piano 4         |
| 49                    | Modern Electric Piano 3        | Modern EP 3        |
| 50                    | Tremolo EP 2                   | Tremolo EP 2       |
| 51                    | Classic Electric Piano 2       | Classic EP 2       |
| 52                    | Stereo Clavi                   | Stereo Clavi       |
| 53                    | Phase Clavi                    | Phase Clavi        |
| 54                    | Clavi 1                        | Clavi 1            |
| 55                    | Wah Clavi 1                    | Wah Clavi 1        |
| 56                    | Clavi 2                        | Clavi 2            |
| 57                    | Wah Clavi 2                    | Wah Clavi 2        |
| 58                    | Massiness Electric Piano       | Massiness EP       |
| 59                    | Wah Electric Piano             | Wah EP             |
| 60                    | Bright Electric Piano          | Bright EP          |
| 61                    | Dark Electric Piano            | Dark EP            |
| 62                    | Wire Electric Piano            | Wire EP            |
| 63                    | Aah Electric Piano             | Aah EP             |
| 64                    | Overdriven Electric Piano      | Overdriven EP      |
| 65                    | Modern Jazz Electric Piano     | Modern Jazz EP     |
| 66                    | Jump Electric Piano            | Jump EP            |
| 67                    | Warm Jump Electric Piano       | Warm Jump EP       |
| 68                    | Metallic Electric Piano 1      | Metallic EP 1      |
| 69                    | Metallic Electric Piano 2      | Metallic EP 2      |
| 70                    | Rock Electric Piano            | Rock EP            |
| 71                    | Pop Electric Piano             | Pop EP             |
| 72                    | Crysta Electric Piano          | Crysta EP          |
| 73                    | Crysta Jazz Electric Piano     | Crysta Jazz EP     |
| 74                    | Rock Electric Clavi            | Rock Elec Clavi    |
| 75                    | Jazz Electric Clavi            | Jazz Elec Clavi    |
| 76                    | Pop Electric Clavi             | Pop Elec Clavi     |
| 77                    | Aahs Electric Clavi            | Aahs Elec Clavi    |
| 78                    | Bright Electric Clavi          | Bright Elec Clavi  |
| 79                    | Warm Electric Clavi            | Warm Elec Clavi    |
| 80                    | Echo Electric Clavi            | Echo Elec Clavi    |
| 81                    | Dark Electric Clavi            | Dark Elec Clavi    |
| <b>Organ</b>          |                                |                    |
| 82                    | Drawbar Organ 1                | Draw Org 1         |
| 83                    | Percussive Organ 1             | Perc Org 1         |
| 84                    | Rock Organ 1                   | Rock Org 1         |
| 85                    | Church Organ 1                 | Church Org 1       |
| 86                    | Detuned Church Organ 1         | Det Church Org 1   |
| 87                    | Percussive Organ 2             | Perc Org 2         |
| 88                    | Detuned Percussive Organ 1     | Det Perc Org 1     |
| 89                    | Rotary Organ 1                 | Rotary Org 1       |
| 90                    | Church Organ (octave mix) 1    | ChurchOrg/Octave 1 |
| 91                    | Rock Organ 2                   | Rock Org 2         |
| 92                    | Detuned Organ                  | Detuned Org        |
| 93                    | Rotary Organ 2                 | Rotary Org 2       |
| 94                    | Pop Organ                      | Pop Org            |
| 95                    | Classic Organ 1                | Classic Org 1      |
| 96                    | Jazz Organ 1                   | Jazz Org 1         |
| 97                    | Rock Organ 3                   | Rock Org 3         |
| 98                    | Rotary Organ 3                 | Rotary Org 3       |
| 99                    | Classic Organ 2                | Classic Org 2      |
| 100                   | Detuned Drawbar Organ          | Detuned DrawOrg    |
| 101                   | Italian 60's Organ 1           | 60's Org 1         |
| 102                   | Rock Organ 4                   | Rock Org 4         |
| 103                   | Percussive Organ 3             | Perc Org 3         |
| 104                   | Drawbar Organ 2                | Drawbar Org 2      |
| 105                   | Classic Organ 3                | Classic Org 3      |
| 106                   | Italian 60's Organ 2           | 60's Org 2         |
| 107                   | Drawbar Organ 3                | Drawbar Org 3      |
| 108                   | Vintage Organ 1                | Vintage Org 1      |



|     |                          |                    |
|-----|--------------------------|--------------------|
| 109 | Vintage Organ 2          | Vintage Org 2      |
| 110 | Detuned Church Organ 2   | Det Church Org 2   |
| 111 | Mellow Organ 1           | Mellow Org 1       |
| 112 | Mellow Organ 2           | Mellow Org 2       |
| 113 | Mellow Organ 3           | Mellow Org 3       |
| 114 | Mellow Organ 4           | Mellow Org 4       |
| 115 | Organ 1                  | Organ 1            |
| 116 | Organ 2                  | Organ 2            |
| 117 | Organ 3                  | Organ 3            |
| 118 | Reed Organ 1             | Reed Org 1         |
| 119 | Puff Organ 1             | Puff Org 1         |
| 120 | Dark Drawbar Organ       | Dark Drawbar Organ |
| 121 | Soft Drawbar Organ       | Soft Drawbar Org   |
| 122 | Soft 60's Organ          | Soft 60's Org      |
| 123 | Bright 60's Organ        | Bright 60's Org    |
| 124 | Detuned Classic Organ    | Det Classic Org    |
| 125 | Mellow Rotary Organ      | Mellow Rot Org     |
| 126 | Dark Rotary Organ        | Dark Rotary Org    |
| 127 | Bright Rotary Organ      | Bright Rot Org     |
| 128 | Bright Percussive Organ  | Br Perc Org        |
| 129 | Jazz Percussive Organ    | Jazz Perc Org      |
| 130 | Rock Percussive Organ    | Rock Perc Org      |
| 131 | Octave Percussive Organ  | Octave Perc Org    |
| 132 | Mellow Percussive Organ  | Mellow Perc Org    |
| 133 | Puff Percussive Organ    | Puff Perc Org      |
| 134 | Pop Percussive Organ     | Pop Perc Org       |
| 135 | Reed Percussive Organ    | Reed Perc Org      |
| 136 | Vintage Rock Organ       | Vintage Rock Org   |
| 137 | Dark Rock Organ          | Dark Rock Org      |
| 138 | Mellow Rock Organ        | Mellow Rock Org    |
| 139 | Soft Rock Organ          | Soft Rock Org      |
| 140 | Reed Rock Organ          | Reed Rock Org      |
| 141 | Rotary Rock Organ        | Rotary Rock Org    |
| 142 | Wah Rock Organ           | Wah Rock Org       |
| 143 | Puff Rock Organ          | Puff Rock Org      |
| 144 | Bright Vintage Organ     | Bright Vintage Org |
| 145 | Dark Vintage Organ       | Dark Vintage Org   |
| 146 | Mellow Vintage Organ     | Mellow Vintage Org |
| 147 | Rotary Vintage Organ     | Rotary Vintage Org |
| 148 | Rock Vintage Organ       | Rock Vintage Org   |
| 149 | Pop Vintage Organ        | Pop Vintage Org    |
| 150 | Soft Vintage Organ       | Soft Vintage Org   |
| 151 | Percussive Vintage Organ | Per Vintage Org    |
| 152 | Dark Reed Organ          | Dark Reed Org      |
| 153 | Jazz Reed Organ          | Jazz Reed Org      |
| 154 | Pop Reed Organ           | Pop Reed Org       |
| 155 | Puff Reed Organ          | Puff Reed Org      |
| 156 | Rock Reed Organ          | Rock Reed Org      |
| 157 | Rotary Puff Organ        | Rot Puff Org       |
| 158 | Jazz Puff Organ          | Jazz Puff Org      |
| 159 | Pop Puff Organ           | Pop Puff Org       |
| 160 | Musette                  | Musette            |
| 161 | Accordion 1              | Accordion 1        |
| 162 | Tango Accordion 1        | Tango Accordion 1  |
| 163 | Accord It Solo 1         | Accord It Solo 1   |
| 164 | Tango Accordion 2        | Tango Accordion 2  |

|                          |                             |                     |
|--------------------------|-----------------------------|---------------------|
| 165                      | Chorus Accordion            | Chorus Accordion    |
| 166                      | Accordion 2                 | Accordion 2         |
| 167                      | Accord It Solo 2            | Accord It Solo 2    |
| 168                      | Harmonica 1                 | Harmonica 1         |
| 169                      | Harmonica 2                 | Harmonica 2         |
| 170                      | Wah Harmonica               | Wah Harmonica       |
| 171                      | Dark Musette                | Dark Musette        |
| 172                      | Bright Musette              | Bright Musette      |
| 173                      | Chorus Musette              | Chorus Musette      |
| 174                      | Musette 2                   | Musette 2           |
| 175                      | Aah & Musette               | Aah & Musette       |
| 176                      | Voice Oohs & Musette        | Voice Ohs & Musette |
| 177                      | Voice Oohs & Dark Musette   | Ohs & Dk Muset      |
| 178                      | Dark Harmonica              | Dark Harmonica      |
| 179                      | Bright Harmonica            | Bright Harmonica    |
| 180                      | Chorus Harmonica            | Chorus Harmonica    |
| 181                      | Harmonica 3                 | Harmonica 3         |
| 182                      | Aah & Harmonica             | Aah & Harmonica     |
| 183                      | Voice Oohs & Harmonica      | Voice Ohs & Harm    |
| 184                      | Voice Oohs & Dark Harmonica | Vc Ohs & Dk Harm    |
| 185                      | Dark Accordion              | Dark Accordion      |
| 186                      | Bright Accordion            | Bright Accordion    |
| 187                      | Chorus Accordion            | Chorus Accordion    |
| 188                      | Aah & Accordion             | Aah & Accordion     |
| 189                      | Voice Oohs & Accordion      | Voice Oohs & Acd    |
| 190                      | Voice Oohs & Dark Accordion | Vc Ohs & Dk Acd     |
| 191                      | Accordion 3                 | Accordion 3         |
| <b>Guitar &amp; Bass</b> |                             |                     |
| 192                      | Nylon Guitar                | Nylon Guitar        |
| 193                      | Steel Guitar 1              | Steel Guitar 1      |
| 194                      | Jazz Guitar 1               | Jazz Guitar 1       |
| 195                      | Clean Guitar 1              | Clean Guitar 1      |
| 196                      | Steel Guitar 2              | Steel Guitar 2      |
| 197                      | Mandolin                    | Mandolin            |
| 198                      | Funk Guitar 1               | Funk Guitar 1       |
| 199                      | Velocity Clean Guitar       | Velocity CleanGtr   |
| 200                      | Lead Guitar 1               | Lead Guitar 1       |
| 201                      | Velocity Lead Guitar        | Velocity LeadGtr    |
| 202                      | Lead Guitar 2               | Lead Guitar 2       |
| 203                      | Overdriven Guitar 1         | OverdrivenGtr 1     |
| 204                      | Tremolo clean Guitar        | Tremolo cleanGtr    |
| 205                      | 12-String Guitar            | 12String Guitar     |
| 206                      | Steel Guitar 3              | Steel Guitar 3      |
| 207                      | Clean Guitar 2              | Clean Guitar 2      |
| 208                      | Feedback Guitar 1           | Feedback Guitar 1   |
| 209                      | 5th Distortion              | 5th Distortion      |
| 210                      | Velocity Steel Guitar       | Velocity SteelGtr   |
| 211                      | Delay Guitar 1              | Delay Guitar 1      |
| 212                      | Vintage Guitar 1            | Vintage Guitar 1    |
| 213                      | Jazz Guitar 2               | Jazz Guitar 2       |
| 214                      | Rhythm Guitar               | Rhythm Guitar       |
| 215                      | Jazz Lead 1                 | Jazz Lead 1         |
| 216                      | Vintage Guitar 2            | Vintage Guitar 2    |
| 217                      | Classic Guitar              | Classic Guitar      |
| 218                      | Jazz Lead 2                 | Jazz Lead 2         |
| 219                      | Vintage Guitar 3            | Vintage Guitar 3    |



|     |                              |                   |
|-----|------------------------------|-------------------|
| 220 | Folk Guitar                  | Folk Guitar       |
| 221 | Chorus Guitar 1              | Chorus Guitar 1   |
| 222 | Muted Guitar 1               | Muted Guitar 1    |
| 223 | Pedal Guitar                 | Pedal Guitar      |
| 224 | Distortion Guitar 1          | DistortionGtr 1   |
| 225 | Chorus Guitar 2              | Chorus Guitar 2   |
| 226 | Tremolo Guitar 1             | TremoloGuitar 1   |
| 227 | Octave Guitar                | OctaveGuitar      |
| 228 | Chorus Guitar 3              | Chorus Guitar 3   |
| 229 | Tremolo Guitar 2             | TremoloGuitar 2   |
| 230 | Metal Guitar                 | Metal Guitar      |
| 231 | Clean Guitar 3               | Clean Guitar 3    |
| 232 | Wah Guitar                   | Wah Guitar        |
| 233 | Jazz Guitar & EP             | JazzGtr&EP        |
| 234 | Distortion Guitar 2          | DistortionGtr 2   |
| 235 | 12-String Electric Guitar    | 12StrE.Guitar     |
| 236 | Feedback Guitar 2            | Feedback Guitar 2 |
| 237 | 12-String Guitar 1           | 12String Guitar 1 |
| 238 | Muted Guitar 2               | Muted Guitar 2    |
| 239 | Funk Guitar 2                | Funk Guitar 2     |
| 240 | Overdriven Guitar 2          | OverdrivenGtr 2   |
| 241 | 12-String Guitar 2           | 12String Guitar 2 |
| 242 | Nylon Guitar & Acoustic Bass | NyGt&AcBass       |
| 243 | Steel Guitar & Finger Bass   | StGt&FgBass       |
| 244 | Chorus Steel Guitar          | Chorus Ste Gt     |
| 245 | Soft Chorus Steel Guitar     | Soft Cho Ste Gt   |
| 246 | Dark Chorus Steel Guitar     | Dk Cho Ste Gt     |
| 247 | Nylon Guitar & Steel Guitar  | Ny Gt & Ste Gt    |
| 248 | Jazz Guitar & Steel Guitar   | Jazz Gt & Ste Gt  |
| 249 | Distortion Steel Guitar      | Dt Steel Guitar   |
| 250 | Dark Steel Guitar            | Dark Steel Gt     |
| 251 | Warm Steel Guitar            | Warm Steel Gt     |
| 252 | Chorus Jazzy Guitar          | Chorus Jazzy Gt   |
| 253 | Bright Jazzy Guitar          | Bright Jazzy Gt   |
| 254 | Overdriven Jazzy Guitar      | Over Jazzy Gt     |
| 255 | Distortion Jazzy Guitar      | Dist Jazzy Gt     |
| 256 | Overdriven Octave Guitar     | Over Octave Gt    |
| 257 | Wah Octave Guitar            | Wah Octave Gt     |
| 258 | Jazz Octave Guitar           | Jazz Octave Gt    |
| 259 | Chorus Octave Guitar         | Cho Octave Gt     |
| 260 | Chorus Vintage Guitar        | Cho Vintage Gt    |
| 261 | Vintage Funk Guitar          | Vintage Funk Gt   |
| 262 | Overdriven Funk Guitar       | Ovdriv Funk Gt    |
| 263 | Chorus Wah Guitar            | Chorus Wah Gt     |
| 264 | Clean Vintage Guitar         | Clean Vintage Gt  |
| 265 | Dark Vintage Guitar          | Dark Vintage Gt   |
| 266 | Bright Vintage Guitar        | Brt Vintage Gt    |
| 267 | Soft Vintage Guitar          | Soft Vintage Gt   |
| 268 | Dark Mute Guitar             | Dark Mute Gt      |
| 269 | Chorus Mute Guitar           | Chorus Mute Gt    |
| 270 | Overdrive Mute Guitar        | Overdrive Mute Gt |
| 271 | Distortion Mute Guitar       | Dist Mute Gt      |
| 272 | Wah Mute Guitar              | Wah Mute Gt       |
| 273 | Pulse Mute Guitar            | Pulse Mute Gt     |
| 274 | Nylon Mute Guitar            | Nylon Mute Gt     |
| 275 | Funk Mute Guitar             | Funk Mute Gt      |

|     |                                 |                     |
|-----|---------------------------------|---------------------|
| 276 | Dark Overdrive Guitar           | Dark Over Gt        |
| 277 | Bright Overdrive Guitar         | Bright Over Gt      |
| 278 | Soft Overdrive Guitar           | Soft Over Gt        |
| 279 | Delay Overdrive Guitar          | Delay Over Gt       |
| 280 | Delay Feedback Guitar           | Delay Feedback Gt   |
| 281 | Chorus Feedback Guitar          | Cho Feedback Gt     |
| 282 | Wah Overdrive Guitar            | Wah Over Gt         |
| 283 | Dark Wah Overdrive Guitar       | Dark Wah Over Gt    |
| 284 | Chorus Distortion Guitar        | Chorus Dist Gt      |
| 285 | Dark Distortion Guitar          | Dark Dist Gt        |
| 286 | Wah Distortion Guitar           | Wah Dist Gt         |
| 287 | Velocity Lead Guitar 3          | Velocity Lead Gt 3  |
| 288 | Soft Distortion Guitar          | Soft Dist Gt        |
| 289 | Bright Lead Guitar 3            | Bright Lead Gt 3    |
| 290 | Modern Distortion Guitar        | Modern Dist Gt      |
| 291 | Delay Distortion Guitar         | Delay Dist Gt       |
| 292 | Finger Bass 1                   | Finger Bass 1       |
| 293 | Acoustic Bass 1                 | Acoustic Bass 1     |
| 294 | Pick Bass 1                     | Pick Bass 1         |
| 295 | Fretless Bass 1                 | Fretless Bass 1     |
| 296 | Slap Bass 1                     | Slap Bass 1         |
| 297 | Resonant Bass                   | Resonant Bass       |
| 298 | Attack Pulse                    | Attack Pulse        |
| 299 | Resonant Bass 2                 | Resonant Bass 2     |
| 300 | Analog Bass 1                   | Analog Bass 1       |
| 301 | Resonance SynBass               | Resonance SynBass   |
| 302 | Rock Bass                       | Rock Bass           |
| 303 | Fretless Bass 2                 | Fretless Bass 2     |
| 304 | Pick Bass 2                     | Pick Bass 2         |
| 305 | Finger Slap Bass                | Finger Slap Bass    |
| 306 | Acoustic Bass & Cymbal          | Bass & Cymbal       |
| 307 | Analog Bass 2                   | Analog Bass 2       |
| 308 | Resonant Slap Bass              | Resonant SlapBass   |
| 309 | Warm Synth Bass 1               | Warm Syn Bass 1     |
| 310 | Hammer 1                        | Hammer 1            |
| 311 | Synth Bass (rubber)             | Synth Bass (rubber) |
| 312 | Power Slap Bass                 | Power Slap Bass     |
| 313 | Finger Bass 2                   | Finger Bass 2       |
| 314 | Warm Synth Bass 2               | Warm Syn Bass 2     |
| 315 | Mute Pick Bass                  | Mute Pick Bass      |
| 316 | Attack Pulse 2                  | Attack Pulse 2      |
| 317 | Bright Finger Bass              | Brt Finger Bass     |
| 318 | Overdriven Finger Bass          | Over Finger Bass    |
| 319 | Distortion Finger Bass          | Dt Finger Bass      |
| 320 | Distortion Guitar & Finger Bass | Dt Gt & Fngr Ba     |
| 321 | Wah Finger Bass                 | Wah Finger Bass     |
| 322 | Finger Slap Bass 2              | Fngr Slap Bass 2    |
| 323 | Soft Wah Slap Bass              | Soft Wah Slap Ba    |
| 324 | Dark Slap Bass                  | Dark Slap Bass      |
| 325 | Bright Pick Bass                | Bright Pick Bass    |
| 326 | Dark Pick Bass                  | Dark Pick Bass      |
| 327 | Overdriven Pick Bass            | Over Pick Bass      |
| 328 | Distortion Guitar&Pick Bass     | DtGt&Pick Bass      |
| 329 | Wah Pick Bass                   | Wah Pick Bass       |
| 330 | Chorus Pick Bass                | Cho Pick Bass       |
| 331 | Warm Chorus Pick Bass           | Warm Cho Pick Ba    |



|                |                                     |                    |
|----------------|-------------------------------------|--------------------|
| 332            | Rock Bass 2                         | Rock Bass 2        |
| 333            | Bright Fretless Bass                | Brt Fret Bass      |
| 334            | Overdriven Fretless Bass            | Over Fret Bass     |
| 335            | Distortion Fretless Bass            | Dist Fret Bass     |
| 336            | Wah Fretless Bass                   | Wah Fret Bass      |
| 337            | Mute Fretless Bass                  | Mute Fret Bass     |
| 338            | Dark Fretless Bass                  | Dark Fret Bass     |
| 339            | Pick Mute Fretless Bass             | Pick Mu Fret Bass  |
| 340            | Slap Fretless Bass                  | Slap Fret Bass     |
| 341            | Dark Slap Bass                      | Dark Slap Bass     |
| 342            | Chorus Slap Bass                    | Chorus Slap Bass   |
| 343            | Distortion Guitar & Slap Bass       | DTGt & Slap Bass   |
| 344            | Bright Resonant Slap Bass           | Bt Rt Slap Bass    |
| 345            | Dark Resonant Slap Bass             | Dk Rt Slap Bass    |
| 346            | Chorus Resonant Slap Bass           | Chs Rt Slap Bass   |
| 347            | Wah Resonant Slap Bass              | Wah Rt Slap Bass   |
| 348            | Warm Resonant Slap Bass             | Warm Rt Slap Ba    |
| 349            | Dark Power Slap Bass                | Dk Power Slap Ba   |
| 350            | Bright Power Slap Bass              | Bt Power Slap Ba   |
| 351            | Distortion Power Slap Bass          | Dt Power Slap Ba   |
| 352            | Distortion Guitar & Power Slap Bass | DTGt & PowerSlapBa |
| 353            | Overdriven Guitar & Power Slap Bass | OvGt & PowerSlapBa |
| 354            | Chorus Power Slap Bass              | Cho Power Slap Ba  |
| 355            | Wah Power Slap Bass                 | Wah Power Slap Ba  |
| 356            | Warm Power Slap Bass                | Warm Power Slap Ba |
| 357            | Dark Analog Bass                    | Dark Analog Bass   |
| 358            | Bright Analog Bass                  | Bt Analog Bass     |
| 359            | Chorus Analog Bass                  | Cho Analog Bass    |
| 360            | Wah Analog Bass                     | Wah Analog Bass    |
| 361            | Distortion Guitar & Analog Bass     | DTGt & Analog Ba   |
| 362            | Overdriven Guitar & Analog Bass     | OvGt & Analog Ba   |
| 363            | Hammer Analog Bass                  | Hammer Analog Ba   |
| 364            | Dark Hammer Bass                    | Dark Hammer Ba     |
| 365            | Bright Attack Bass                  | Bright Attack Ba   |
| 366            | Pulse Attack Bass                   | Pulse Attack Ba    |
| 367            | Bright Pulse Bass                   | Bright Pulse Ba    |
| 368            | Octave Analog Bass                  | Octave Analog Ba   |
| 369            | Power Analog Bass                   | Power Analog Ba    |
| 370            | Power Pulse Bass                    | Power Pulse Ba     |
| 371            | Wah Pulse Bass                      | Wah Pulse Bass     |
| 372            | Chorus Pulse Bass                   | Cho Pulse Bass     |
| <b>Strings</b> |                                     |                    |
| 373            | Solo Strings                        | Solo Strings       |
| 374            | Slow Strings 1                      | Slow Strings 1     |
| 375            | Sweet Violin                        | Sweet Violin       |
| 376            | Sweet Cello                         | Sweet Cello        |
| 377            | The Strings 1                       | The Strings 1      |
| 378            | Orchestra 1                         | Orchestra 1        |
| 379            | Slow Strings 2                      | Slow Strings 2     |
| 380            | Contrabass 1                        | Contrabass 1       |
| 381            | Chamber Music                       | Chamber Music      |
| 382            | Slow Strings 3                      | Slow Strings 3     |
| 383            | Strings & Brass 1                   | Strings&Brass 1    |
| 384            | Strings & Brass 2                   | Strings&Brass 2    |
| 385            | Strings & Flute                     | Strings & Flute    |
| 386            | Strings & Oboe                      | Strings & Oboe     |

|     |                     |                  |
|-----|---------------------|------------------|
| 387 | Arco Strings 1      | Arco Strings 1   |
| 388 | String Ensembles 1  | Str Ensembles 1  |
| 389 | Choir Aahs 1        | Choir Aahs 1     |
| 390 | Voice Oohs          | Voice Oohs       |
| 391 | Synth Voice         | Synth Voice      |
| 392 | Orchestra 2         | Orchestra 2      |
| 393 | Arco Strings 2      | Arco Strings 2   |
| 394 | The Strings 2       | The Strings 2    |
| 395 | Tremolo Strings     | Tremolo Strings  |
| 396 | Pizzicato Strings   | Pizzicato Str    |
| 397 | The Strings 3       | The Strings 3    |
| 398 | Synth Strings 1     | Synth Strings 1  |
| 399 | Synth Strings 2     | Synth Strings 2  |
| 400 | Synth Strings 3     | Synth Strings 3  |
| 401 | Orchestral Harp     | Orchestral Harp  |
| 402 | Violin              | Violin           |
| 403 | Viola               | Viola            |
| 404 | Cello               | Cello            |
| 405 | Contrabass 2        | Contrabass 2     |
| 406 | Choir Aahs 2        | Choir Aahs 2     |
| 407 | Humming             | Humming          |
| 408 | Analog Voice        | Analog Voice     |
| 409 | Orchestra Hit       | Orchestra Hit    |
| 410 | Bass Hit Plus       | Bass Hit Plus    |
| 411 | 6th Hit             | 6th Hit          |
| 412 | Euro Hit            | Euro Hit         |
| 413 | Slow Sweet Violin   | Slow Sweet Vin   |
| 414 | Dark Sweet Violin   | Dark Sweet Vin   |
| 415 | Bright Sweet Violin | Bright Sweet Vin |
| 416 | Slow Violin         | Slow Violin      |
| 417 | Dark Violin         | Dark Violin      |
| 418 | Bright Violin       | Bright Violin    |
| 419 | Chorus Violin       | Chorus Violin    |
| 420 | Sweet Violin 2      | Sweet Violin 2   |
| 421 | Slow Viola          | Slow Viola       |
| 422 | Dark Viola          | Dark Viola       |
| 423 | Bright Viola        | Bright Viola     |
| 424 | Violin & Viola      | Violin & Viola   |
| 425 | Chorus Viola        | Chorus Viola     |
| 426 | Harp & Viola        | Harp & Viola     |
| 427 | Cello & Viola       | Cello & Viola    |
| 428 | Aah & Viola         | Aah & Viola      |
| 429 | Slow Cello          | Slow Cello       |
| 430 | Dark Cello          | Dark Cello       |
| 431 | Bright Cello        | Bright Cello     |
| 432 | Chorus Cello        | Chorus Cello     |
| 433 | Violin & Cello      | Violin & Cello   |
| 434 | Aah & Cello         | Aah & Cello      |
| 435 | Harp & Cello        | Harp & Cello     |
| 436 | Contrabass & Cello  | Contrbs & Cello  |
| 437 | Dark Contrabass     | Dark Contrabass  |
| 438 | Bright Contrabass   | Bright Contrbs   |
| 439 | Chorus Contrabass   | Chorus Contrbs   |
| 440 | Slow Contrabass     | Slow Contrabass  |
| 441 | Violin & Contrabass | Vin & Contrbs    |
| 442 | Viola & Contrabass  | Viola & Contrbs  |



|                        |                                  |                   |
|------------------------|----------------------------------|-------------------|
| 443                    | Aah & Contrabass                 | Aah & Contrabass  |
| 444                    | Harp & Contrabass                | Harp & Contrab    |
| 445                    | Dark Tremolo Strings             | Dark Trem Str     |
| 446                    | Bright Tremolo Strings           | Brt Trem Str      |
| 447                    | Slow Tremolo Strings             | Slow Trem Str     |
| 448                    | Cello & Tremolo Strings          | Cello & Trem Str  |
| 449                    | Violin & Tremolo Strings         | Violin & Trem Str |
| 450                    | Aah & Tremolo Strings            | Aah & Trem Str    |
| 451                    | Harp & Tremolo Strings           | Harp & Trem Str   |
| 452                    | Chorus Tremolo Strings           | Cho Trem Str      |
| 453                    | Dark Pizzicato Strings           | Dark Pizz Str     |
| 454                    | Bright Pizzicato Strings         | Bright Pizz Str   |
| 455                    | Bass Hit & Pizzicato Strings     | BassH & Pizz Str  |
| 456                    | 6th Hit & Pizzicato Strings      | 6th Hit&Pizz Str  |
| 457                    | Euro Hit & Pizzicato Strings     | EuroHit & PizStr  |
| 458                    | Harp & Pizzicato Strings         | Harp & PizzStr    |
| 459                    | Arco Strings & Pizzicato Strings | ArcoStr & PizzStr |
| 460                    | Strings & Pizzicato Strings      | St & Pizz Str     |
| 461                    | Dark Harp                        | Dark Harp         |
| 462                    | Bright Harp                      | Bright Harp       |
| 463                    | Aah Harp                         | Aah Harp          |
| 464                    | String Harp                      | String Harp       |
| 465                    | Chorus Harp                      | Chorus Harp       |
| 466                    | Humming & Harp                   | Humming & Harp    |
| 467                    | Euro Hit & Harp                  | Euro Hit & Harp   |
| 468                    | Synth Voice & Harp               | Sy Voice & Harp   |
| <b>Brass &amp; Sax</b> |                                  |                   |
| 469                    | Trumpet 1                        | Trumpet 1         |
| 470                    | Trombone 1                       | Trombone 1        |
| 471                    | Muted Trumpet 1                  | Muted Trumpet 1   |
| 472                    | French Horn 1                    | French Horn 1     |
| 473                    | Dark Trumpet Soft                | DarkTrump Soft    |
| 474                    | Tuba                             | Tuba              |
| 475                    | Trumpet 2                        | Trumpet 2         |
| 476                    | Trombone 2                       | Trombone 2        |
| 477                    | Muted Trumpet 2                  | Muted Trumpet 2   |
| 478                    | Bright Trombone1                 | Bright Trombone1  |
| 479                    | Dark Trombone 1                  | Dark Trombone 1   |
| 480                    | Dark Trombone 2                  | Dark Trombone 2   |
| 481                    | Resonant Trombone 1              | Reson Trb 1       |
| 482                    | Resonant Trombone 2              | Reson Trb 2       |
| 483                    | Brassband 1                      | Brassband 1       |
| 484                    | French Horn 2                    | French Horn 2     |
| 485                    | Warm Trumpet                     | Warm Trumpet      |
| 486                    | Bright Trumpet                   | Bright Trumpet    |
| 487                    | Chorus Trumpet                   | Chorus Trumpet    |
| 488                    | Trumpet 1 & Trumpet 2            | Trp 1 & Trp 2     |
| 489                    | Trombone & Trumpet               | Tb & Trp          |
| 490                    | Tuba & Trumpet                   | Tuba & Trumpet    |
| 491                    | Resonant Trumpet                 | Reson Trp         |
| 492                    | French Horn & Trumpet            | Fr Horn & Trp     |
| 493                    | Warm Trombone                    | Warm Trombone     |
| 494                    | Bright Trombone2                 | Bright Trombone2  |
| 495                    | Chorus Trombone                  | Chorus Trombone   |
| 496                    | Trombone1 & Trombone2            | Trb1 & Trb2       |
| 497                    | French Horn & Trombone           | Fr Horn & Trb     |

|     |                             |                  |
|-----|-----------------------------|------------------|
| 498 | Tuba & Trombone             | Tuba & Trombone  |
| 499 | Soprano Sax & Trombone      | Sp Sax & Trb     |
| 500 | Alto Sax & Trombone         | Alto Sax & Trb   |
| 501 | Dark Tuba                   | Dark Tuba        |
| 502 | Bright Tuba                 | Bright Tuba      |
| 503 | Warm Tuba                   | Warm Tuba        |
| 504 | Chorus Tuba                 | Chorus Tuba      |
| 505 | Resonant Tuba               | Resonant Tuba    |
| 506 | Slow Tuba                   | Slow Tuba        |
| 507 | Soprano Sax & Tuba          | Sprno Sax & Tuba |
| 508 | Alto Sax & Tuba             | Alto Sax & Tuba  |
| 509 | Dark Muted Trumpet          | Dark Muted Trp   |
| 510 | Bright Muted Trumpet        | Bright Muted Trp |
| 511 | Warm Muted Trumpet          | Warm Muted Trp   |
| 512 | Chorus Muted Trumpet        | Chorus Muted Trp |
| 513 | Tuba & Muted Trumpet        | Tuba & Muted Trp |
| 514 | French Horn & Muted Trumpet | FrHorn & MTrp    |
| 515 | Soprano Sax & Muted Trumpet | SprnSax & MTrp   |
| 516 | Alto Sax & Muted Trumpet    | AltoSax & MTrp   |
| 517 | Dark French Horn            | Dark French Horn |
| 518 | Bright French Horn          | Bright Fr Horn   |
| 519 | Warm French Horn            | Warm French Horn |
| 520 | Chorus French Horn          | Chorus Fr Horn   |
| 521 | Tuba & French Horn          | Tuba & Fr Horn   |
| 522 | Soprano Sax & French Horn   | SprnSax & FrHorn |
| 523 | Alto Sax & French Horn      | AltoSax & FrHorn |
| 524 | Slow French Horn            | Slow French Horn |
| 525 | Dark Brass Section          | Dark Br Section  |
| 526 | Bright Brass Section        | Brt Br Section   |
| 527 | Warm Brass Section          | Warm Br Section  |
| 528 | Chorus Brass Section        | Cho Br Section   |
| 529 | Resonant Brass Section      | Reson Br Section |
| 530 | Slow Brass Section          | Slow Br Section  |
| 531 | Funk Brass Section          | Funk Br Section  |
| 532 | Jazz Brass Section          | Jazz Br Section  |
| 533 | Dark Synth Brass            | Dark Syn Brass   |
| 534 | Bright Synth Brass          | Brt Syn Brass    |
| 535 | Warm Synth Brass            | Warm Syn Brass   |
| 536 | Chorus Synth Brass          | Cho Syn Brass    |
| 537 | Resonant Synth Brass        | Reson Syn Brass  |
| 538 | Slow Synth Brass            | Slow Syn Brass   |
| 539 | Rock Synth Brass            | Rock Syn Brass   |
| 540 | Pop Synth Brass             | Pop Synth Brass  |
| 541 | Dark Analog Synth Brass     | Dk Ana Syn Br    |
| 542 | Bright Analog Synth Brass   | Brt Ana Syn Br   |
| 543 | Warm Analog Synth Brass     | Warm Ana Syn Br  |
| 544 | Chorus Analog Synth Brass   | Cho Ana Syn Br   |
| 545 | Resonant Analog Synth Brass | Reso Ana Syn Br  |
| 546 | Slow Analog Synth Brass     | Slow Ana Syn Br  |
| 547 | Rock Analog Synth Brass     | Rock Ana Syn Br  |
| 548 | Wah Analog Synth Brass      | Wah Ana Syn Br   |
| 549 | Brass Section 1             | Brass Section 1  |
| 550 | Brass Section 2             | Brass Section 2  |
| 551 | Octave Brass Section        | Oct Br Section   |
| 552 | French Horn Live 1          | Fr Horn Live 1   |
| 553 | French Horn Live 2          | Fr Horn Live 2   |



|                   |                        |                    |
|-------------------|------------------------|--------------------|
| 554               | Brassband 2            | Brassband 2        |
| 555               | Brass Section 3        | Brass Section 3    |
| 556               | Dark Brass 1           | Dark Brass 1       |
| 557               | Synth Brass 1          | Synth Brass 1      |
| 558               | Bright Brass Section 1 | Bright Brass 1     |
| 559               | Sforzato Brass         | Sforzato Brass     |
| 560               | Brassband 3            | Brassband 3        |
| 561               | Club Brass Section     | Club Brass         |
| 562               | Bright Brass Section 2 | Bright Brass 2     |
| 563               | Soft Brass Section 1   | Soft Brass 1       |
| 564               | Synth Brass 2          | Synth Brass 2      |
| 565               | Soft Synth Brass 1     | Soft Synth Brass 1 |
| 566               | Soft Synth Brass 2     | Soft Synth Brass 2 |
| 567               | Jump Brass             | Jump Brass         |
| 568               | Soft Brass Section 2   | Soft Brass 2       |
| 569               | BigBand 1              | BigBand 1          |
| 570               | Solo Brass 1           | Solo Brass 1       |
| 571               | Bright Brass Section 3 | Bright Brass 3     |
| 572               | Synth Brass 3          | Synth Brass 3      |
| 573               | Solo Brass 2           | Solo Brass 2       |
| 574               | Soft Brass Section 3   | Soft Brass 3       |
| 575               | BigBand 2              | BigBand 2          |
| 576               | Synth Brass 4          | Synth Brass 4      |
| 577               | Brass Hit              | Brass Hit          |
| 578               | Analog Synth Brass 1   | Ana Syn Br 1       |
| 579               | Solo Brass 3           | Solo Brass 3       |
| 580               | Solo Brass 4           | Solo Brass 4       |
| 581               | Analog Synth Brass 2   | Ana Syn Br 2       |
| 582               | Funky Synth Brass 1    | Funky Syn Br 1     |
| 583               | Echo Brass             | Echo Brass         |
| 584               | Analog Synth Brass 3   | Ana Syn Br 3       |
| 585               | Soft Synth Brass       | Soft Syn Br        |
| 586               | Funky Synth Brass 2    | Funky Syn Br 2     |
| 587               | Tenor Sax 1            | Tenor Sax 1        |
| 588               | Alto Sax 1             | Alto Sax 1         |
| 589               | Soprano Sax 1          | Soprano Sax 1      |
| 590               | Baritone Sax 1         | Baritone Sax 1     |
| 591               | Sax Band 1             | Sax Band 1         |
| 592               | Sax Band 2             | Sax Band 2         |
| 593               | Sax & Clarinet         | Sax & Clarinet     |
| 594               | Sax Live 1             | Sax Live 1         |
| 595               | Sax Live 2             | Sax Live 2         |
| 596               | Soprano Sax 2          | Soprano Sax 2      |
| 597               | Tenor Sax 2            | Tenor Sax 2        |
| 598               | Alto Sax 2             | Alto Sax 2         |
| 599               | Baritone Sax 2         | Baritone Sax 2     |
| 600               | Slow Tenor Sax         | Slow Tenor Sax     |
| 601               | Soft Sax Band          | Soft Sax Band      |
| 602               | Super Sax Band         | Super Sax Band     |
| Flute & Wood Wind |                        |                    |
| 603               | Flute 1                | Flute 1            |
| 604               | Clarinet 1             | Clarinet 1         |
| 605               | Pan Flute 1            | Pan Flute 1        |
| 606               | Oboe 1                 | Oboe 1             |
| 607               | Flute & Sax            | Flute & Sax        |
| 608               | English Horn           | English Horn       |

|     |                         |                   |
|-----|-------------------------|-------------------|
| 609 | Bassoon                 | Bassoon           |
| 610 | Sweet Flute             | Sweet Flute       |
| 611 | Piccolo                 | Piccolo           |
| 612 | Clarinet & Sax          | Clarinet & Sax    |
| 613 | Sweet Pan Flute         | Sweet Pan Flute   |
| 614 | Shakuhachi              | Shakuhachi        |
| 615 | Clarinet 2              | Clarinet 2        |
| 616 | Flute 2                 | Flute 2           |
| 617 | Pan Flute 2             | Pan Flute 2       |
| 618 | Oboe 2                  | Oboe 2            |
| 619 | Whistle                 | Whistle           |
| 620 | Recorder                | Recorder          |
| 621 | Blown Bottle            | Blown Bottle      |
| 622 | Ocarina                 | Ocarina           |
| 623 | Dark Piccolo            | Dark Piccolo      |
| 624 | Bright Piccolo          | Bright Piccolo    |
| 625 | Chorus Piccolo          | Chorus Piccolo    |
| 626 | Warm Piccolo            | Warm Piccolo      |
| 627 | Slow Piccolo            | Slow Piccolo      |
| 628 | Whistle & Piccolo       | Whistle & Picco   |
| 629 | Dark Flute              | Dark Flute        |
| 630 | Bright Flute            | Bright Flute      |
| 631 | Chorus Flute            | Chorus Flute      |
| 632 | Warm Flute              | Warm Flute        |
| 633 | Slow Flute              | Slow Flute        |
| 634 | Whistle & Flute         | Whistle & Flute   |
| 635 | Piccolo & Recorder      | Picco & Record    |
| 636 | Pan Flute & Recorder    | Pan Flu & Record  |
| 637 | Shakuhachi & Recorder   | Shaku & Record    |
| 638 | Clarinet & Recorder     | Clarinet & Record |
| 639 | Flute & Recorder        | Flute & Record    |
| 640 | Blown Bottle & Recorder | BlowBot & Record  |
| 641 | Dark Pan Flute          | Dark Pan Flute    |
| 642 | Bright Pan Flute        | Bright Pan Flute  |
| 643 | Warm Pan Flute          | Warm Pan Flute    |
| 644 | Chorus Pan Flute        | Chorus Pan Flute  |
| 645 | Whistle & Pan Flute     | Whistle & PanFlu  |
| 646 | Slow Pan Flute          | Slow Pan Flute    |
| 647 | Dark Blown Bottle       | Dk Blown Bottle   |
| 648 | Bright Blown Bottle     | Brt Blown Bottle  |
| 649 | Chorus Blown Bottle     | Cho Blown Bottle  |
| 650 | Warm Blown Bottle       | Warm Blow Bottle  |
| 651 | Slow Blown Bottle       | Slow Blow Bottle  |
| 652 | Oboe & Blown Bottle     | Obo & BlowBottle  |
| 653 | Dark Shakuhachi         | Dark Shakuhachi   |
| 654 | Bright Shakuhachi       | Bright Shaku      |
| 655 | Chorus Shakuhachi       | Chorus Shaku      |
| 656 | Warm Shakuhachi         | Warm Shaku        |
| 657 | Slow Shakuhachi         | Slow Shakuhachi   |
| 658 | Piccolo & Shakuhachi    | Piccolo & Shaku   |
| 659 | Bright Whistle          | Bright Whistle    |
| 660 | Blown Bottle & Whistle  | BlowBot & Whist   |
| 661 | Shakuhachi & Whistle    | Shaku & Whistle   |
| 662 | Oboe & Whistle          | Oboe & Whistle    |
| 663 | Piccolo & Ocarina       | Picco & Ocarina   |
| 664 | Pan Flute & Ocarina     | Pan Flu & Ocarl   |

|            |                        |                    |
|------------|------------------------|--------------------|
| 665        | Oboe & Ocarina         | Oboe & Ocarina     |
| 666        | Blown Bottle & Ocarina | BlowBott & Ocarina |
| 667        | Shakuhachi & Ocarina   | Shaku & Ocarina    |
| Lead & Pad |                        |                    |
| 668        | Sine Solo 1            | Sine Solo 1        |
| 669        | Sine Solo 2            | Sine Solo 2        |
| 670        | Corrie 1               | Corrie 1           |
| 671        | Wire Lead 1            | Wire Lead 1        |
| 672        | Wire Lead 2            | Wire Lead 2        |
| 673        | Big Lead 1             | Big Lead 1         |
| 674        | Wavy Sawtooth 1        | Wavy Sawtooth 1    |
| 675        | Bauble Lead            | Bauble Lead        |
| 676        | Super Analog           | Super Analog       |
| 677        | Big Lead 2             | Big Lead 2         |
| 678        | Wire Lead 3            | Wire Lead 3        |
| 679        | Massiness 1            | Massiness 1        |
| 680        | Massiness 2            | Massiness 2        |
| 681        | 2Oscillators Lead 1    | 2Oscillator Ld 1   |
| 682        | 2Oscillators Lead 2    | 2Oscillator Ld 2   |
| 683        | Square                 | Square             |
| 684        | Sawtooth               | Sawtooth           |
| 685        | Soft Big Lead 1        | Soft Big Lead 1    |
| 686        | Thick Saw 1            | Thick Saw 1        |
| 687        | Thick Saw 2            | Thick Saw 2        |
| 688        | Soft Sine 1            | Soft Sine 1        |
| 689        | Wah Lead 1             | Wah Lead 1         |
| 690        | Wah Lead 2             | Wah Lead 2         |
| 691        | Soft Wah Lead          | Soft Wah Lead      |
| 692        | Corrie 2               | Corrie 2           |
| 693        | Funky Lead             | Funky Lead         |
| 694        | Delayed Lead 1         | Delayed Lead 1     |
| 695        | Chiffer Lead           | Chiffer Lead       |
| 696        | Octave Lead            | Octave Lead        |
| 697        | Echo Drops 1           | Echo Drops 1       |
| 698        | SynCalliope Soft 1     | SynCalliop Soft 1  |
| 699        | Delayed Lead 2         | Delayed Lead 2     |
| 700        | Massiness 3            | Massiness 3        |
| 701        | EchoBell 1             | EchoBell 1         |
| 702        | SynCalliope Soft 2     | SynCalliop Soft 2  |
| 703        | Soft Sine 2            | Soft Sine 2        |
| 704        | Jazz Lead              | Jazz Lead          |
| 705        | Soft Big Lead 2        | Soft Big Lead 2    |
| 706        | EchoBell 2             | EchoBell 2         |
| 707        | Echo Crystal 1         | Echo Crystal 1     |
| 708        | EchoBell 3             | EchoBell 3         |
| 709        | Echo Crystal 2         | Echo Crystal 2     |
| 710        | Rising                 | Rising             |
| 711        | Charang 1              | Charang 1          |
| 712        | Wavy Sawtooth 2        | Wavy Sawtooth 2    |
| 713        | Thick Square           | Thick Square       |
| 714        | Wah Sine Solo 1        | Wah Sine Solo 1    |
| 715        | TremoloMatrix          | TremoloMatrix      |
| 716        | DarkWire               | DarkWire           |
| 717        | ChorusHipLead 1        | ChorusHip Lead 1   |
| 718        | ChorusHipLead 2        | ChorusHip Lead 2   |
| 719        | Wire Lead 3            | Wire Lead 3        |

|     |                       |                   |
|-----|-----------------------|-------------------|
| 720 | Bright Hop Lead       | Bright Hop Lead   |
| 721 | Wah Hop Lead          | Wah Hop Lead      |
| 722 | TremoloBautle Lead    | TreBautle Lead    |
| 723 | ChorusSoftMini        | ChorusSoftMini    |
| 724 | Soft Trance Lead      | Soft TraLead      |
| 725 | Chiffe Fire Wire      | ChiFireWire       |
| 726 | Soft Analogon         | Soft Analogon     |
| 727 | BrightAnalogon        | BrightAnalogon    |
| 728 | Tekkline Analogon     | Tekkline Ana      |
| 729 | Corrie Analogon       | Corrie Analogon   |
| 730 | CorrieCalliope 1      | CorrieCalliope 1  |
| 731 | WahCalliope           | WahCalliope       |
| 732 | BrightCalliope        | BrightCalliope    |
| 733 | AnalogonCalliope1     | AlignCalliope1    |
| 734 | AnalogonCalliope2     | AlignCalliope2    |
| 735 | AnalogonCalliope3     | AlignCalliope3    |
| 736 | CorrieCalliope 2      | CorrieCalliope 2  |
| 737 | Wah Calliope          | Wah Calliope      |
| 738 | Soft Chiffer Lead     | Soft Chiffer Ld   |
| 739 | Bright Chiffer Lead   | Brt Chiffer Ld    |
| 740 | Tremolo Chiffer Lead  | Trem Chiffer Ld   |
| 741 | TrumpSaw Chiffer Lead | TrpSaw Chiff Ld   |
| 742 | Analogon Chiffer Lead | Ana Chiffer Ld    |
| 743 | Tekkline Chiffer Lead | Tekkline Chiff Ld |
| 744 | Corrie Chiffer Lead   | Corrie Chiff Ld   |
| 745 | Stardust Warp         | Stardust Warp     |
| 746 | Soft Funky Lead 1     | Soft Funky Ld 1   |
| 747 | Soft Funky Lead 2     | Soft Funky Ld 2   |
| 748 | Wire Funky Lead       | Wire Funky Lead   |
| 749 | Soft Octave Lead      | Soft Octave Lead  |
| 750 | Bauble Octave Lead    | Bautle Octave Ld  |
| 751 | Tremolo Octave Lead   | Tremolo Oct Ld    |
| 752 | Calliope Octave Lead  | Calliope Oct Ld   |
| 753 | Big Octave Lead       | Big Octave Lead   |
| 754 | Bright Voice Lead     | Bright Voice Ld   |
| 755 | Soft Voice Lead       | Soft Voice Lead   |
| 756 | Delayed Voice Lead 1  | Delay Voice Lead1 |
| 757 | Delayed Voice Lead 2  | Delay Voice Lead2 |
| 758 | Funky Voice Lead1     | Funky Voice Ld 1  |
| 759 | Funky Voice Lead2     | Funky Voice Ld 2  |
| 760 | Jazz Voice Lead       | Jazz Voice Lead   |
| 761 | Big Voice Lead        | Big Voice Lead    |
| 762 | Soft Rising 1         | Soft Rising1      |
| 763 | Soft Rising 2         | Soft Rising2      |
| 764 | Bright Rising 1       | Bright Rising 1   |
| 765 | Bright Rising 2       | Bright Rising 2   |
| 766 | Wah Rising 1          | Wah Rising 1      |
| 767 | Wah Rising 2          | Wah Rising 2      |
| 768 | Wah Rising 3          | Wah Rising 3      |
| 769 | Wah Rising 4          | Wah Rising 4      |
| 770 | Soft Bass Lead 1      | Soft Bass Lead 1  |
| 771 | Soft Bass Lead 2      | Soft Bass Lead 2  |
| 772 | Voice Bass Lead       | Voice Bass Lead   |
| 773 | Bright Bass Lead 1    | Bright Bass Ld 1  |
| 774 | Calliope Bass Lead    | Calliope Bass Ld  |
| 775 | Analogon Bass Lead    | Analogon Bass Ld  |



|     |                      |                  |
|-----|----------------------|------------------|
| 776 | Bright Bass Lead 2   | Bright Bass Ld 2 |
| 777 | Wah Bass Lead        | Wah Bass Ld      |
| 778 | Bright Delayed Lead  | Bright Delay Ld  |
| 779 | Soft Cry Eyes 1      | Soft Cry Eyes 1  |
| 780 | Soft Cry Eyes 2      | Soft Cry Eyes 2  |
| 781 | Bright Cry Eyes      | Bright Cry Eyes  |
| 782 | Square Cry Eyes      | Square Cry Eyes  |
| 783 | Analogon Cry Eyes    | Ana Cry Eyes     |
| 784 | Vox Cry Eyes         | Vox Cry Eyes     |
| 785 | Space Voice Cry Eyes | Spa Vc Cry Eyes  |
| 786 | Soft Stardust 1      | Soft Stardust 1  |
| 787 | Soft Stardust 2      | Soft Stardust 2  |
| 788 | Bright Stardust 1    | Brt Stardust 1   |
| 789 | Bright Stardust 2    | Brt Stardust 2   |
| 790 | Wah Stardust 1       | Wah Stardust 1   |
| 791 | Warm Stardust        | Warm Stardust    |
| 792 | Wah Stardust 2       | Wah Stardust 2   |
| 793 | Square Stardust      | Square Stardust  |
| 794 | Space Voice 1        | Space Voice 1    |
| 795 | Vox Pad 1            | Vox Pad 1        |
| 796 | Vox Pad 2            | Vox Pad 2        |
| 797 | Vox Pad 3            | Vox Pad 3        |
| 798 | New Year Pad 1       | New Year Pad 1   |
| 799 | New Year Pad 2       | New Year Pad 2   |
| 800 | Soft Vox             | Soft Vox         |
| 801 | Space Voice 2        | Space Voice 2    |
| 802 | New Year Pad 3       | New Year Pad 3   |
| 803 | New Year Pad 4       | New Year Pad 4   |
| 804 | New Age Pad 1        | New Age Pad 1    |
| 805 | New Age Pad 2        | New Age Pad 2    |
| 806 | Soft Space Voice 1   | Soft Space Vc 1  |
| 807 | Bright Space Voice 1 | Brt Space Vc 1   |
| 808 | Bright Vox           | Bright Vox       |
| 809 | Bright Space Voice 2 | Brt Space Vc 2   |
| 810 | Soft Space Voice 2   | Soft Space Vc 2  |
| 811 | Choir&Organ          | Choir&Organ      |
| 812 | New Age Pad 3        | New Age Pad 3    |
| 813 | New Age Pad 4        | New Age Pad 4    |
| 814 | Warm Pad 1           | Warm Pad 1       |
| 815 | PWM Pad              | PWM Pad          |
| 816 | Warmly Pad 1         | Warmly Pad 1     |
| 817 | Warm Pad 2           | Warm Pad 2       |
| 818 | Sine Pad 1           | Sine Pad 1       |
| 819 | Warm Pad 3           | Warm Pad 3       |
| 820 | Sweep Pad 1          | Sweep Pad 1      |
| 821 | Poly Synth 1         | Poly Synth 1     |
| 822 | Dipolar Pad          | Dipolar Pad      |
| 823 | Poly Synth 2         | Poly Synth 2     |
| 824 | Poly Synth 3         | Poly Synth 3     |
| 825 | New Age Pad 3        | New Age Pad 3    |
| 826 | Horn Pad             | Horn Pad         |
| 827 | Metallic Pad 1       | Metallic Pad 1   |
| 828 | Metallic Pad 2       | Metallic Pad 2   |
| 829 | Pan Pad 1            | Pan Pad 1        |
| 830 | Congregate           | Congregate       |
| 831 | Pan Pad 2            | Pan Pad 2        |

|     |                      |                  |
|-----|----------------------|------------------|
| 832 | Pan Pad 3            | Pan Pad 3        |
| 833 | New Age Pad 4        | New Age Pad 4    |
| 834 | Itopia Pad 1         | Itopia Pad 1     |
| 835 | Itopia Pad 2         | Itopia Pad 2     |
| 836 | Metallic Pad 3       | Metallic Pad 3   |
| 837 | Metallic&Itopia      | Metallic&Itopia  |
| 838 | Sine Pad 2           | Sine Pad 2       |
| 839 | Sweep Pad 2          | Sweep Pad 2      |
| 840 | Analog Pad 1         | Analog Pad 1     |
| 841 | Analog Pad 2         | Analog Pad 2     |
| 842 | Bowed Pad 1          | Bowed Pad 1      |
| 843 | New Age&Bowed Pad 1  | NewAge&Bow Pd 1  |
| 844 | New Age&Bowed Pad 2  | NewAge&Bow Pd 2  |
| 845 | Halo Pad 1           | Halo Pad 1       |
| 846 | Halo&Bowed Pad       | Halo&Bowed Pad   |
| 847 | Poly Pad             | Poly Pad         |
| 848 | Slow Warm Pad        | Slow Warm Pad    |
| 849 | Bright New Age Pad   | Brt New Age Pd   |
| 850 | Warmly New Age Pad1  | Warm New Age Pd1 |
| 851 | Metallic New Age Pad | Metal New Age Pd |
| 852 | New Age Tune Pad     | New Age Tune Pad |
| 853 | Choir New Age Pad    | Choir New Age Pd |
| 854 | Warmly New Age Pad2  | Warm New Age Pd2 |
| 855 | Dipolar New Age Pad  | Dipol New Age Pd |
| 856 | Wah New Age Pad      | Wah New Age Pad  |
| 857 | Warmly Pad           | Warmly Pad       |
| 858 | Warmly Pad 2         | Warmly Pad 2     |
| 859 | BigBand Pad          | BigBand Pad      |
| 860 | Organ Pad            | Organ Pad        |
| 861 | 12-String Guitar Pad | 12-String Gt Pd  |
| 862 | Modern Pad           | Modern Pad       |
| 863 | Bright Pad 1         | Bright Pad 1     |
| 864 | Bright Pad 2         | Bright Pad 2     |
| 865 | Soft PolySy Pad      | Soft PolySy Pad  |
| 866 | Bright PolySy Pad    | Bright PolySy Pd |
| 867 | Wah PolySy Pad       | Wah PolySy Pad   |
| 868 | Vox PolySy Pad       | Vox PolySy Pad   |
| 869 | Calliope PolySy Pad  | Callio PolySy Pd |
| 870 | Harmonica PolySy Pad | Harm PolySy Pd   |
| 871 | Analogon PolySy Pad  | Ana PolySy Pd    |
| 872 | Square PolySy Pad    | Square PolySy Pd |
| 873 | Wah Space Voice 1    | Wah Space Vc 1   |
| 874 | Wah Space Voice 2    | Wah Space Vc 2   |
| 875 | Soft Itopia Pad 1    | Soft Itopia Pd 1 |
| 876 | Square Itopia Pad    | Squar Itopia Pd  |
| 877 | Bright Itopia Pad 1  | Brt Itopia Pd 1  |
| 878 | Analogon Itopia Pad  | Ana Itopia Pd    |
| 879 | Bright Itopia Pad 2  | Brt Itopia Pd 2  |
| 880 | Soft Itopia Pad 2    | Soft Itopia Pd 2 |
| 881 | Bright Bowed Pad 1   | Brt Bowed Pd 1   |
| 882 | Soft Bowed Pad 1     | Soft Bowed Pad 1 |
| 883 | Wah Bowed Pad        | Wah Bowed Pad    |
| 884 | Corrie Bowed Pad     | Corrie Bowed Pd  |
| 885 | Congregate Bowed Pad | Cong Bowed Pd    |
| 886 | Calliope Bowed Pad   | Calliop Bowed Pd |
| 887 | Bright Bowed Pad 2   | Brt Bowed Pd 2   |



|                                     |                           |                  |
|-------------------------------------|---------------------------|------------------|
| 888                                 | Soft Bowed Pad 2          | Soft Bowed Pad 2 |
| 889                                 | Bright Metal Pad 1        | BrT Metal Pd 1   |
| 890                                 | Soft Metal Pad            | Soft Metal Pad   |
| 891                                 | Wah Metal Pad             | Wah Metal Pad    |
| 892                                 | Space Voice Metal Pad     | Space Vc Met Pd  |
| 893                                 | Modern Metal Pad          | Modern Metal Pad |
| 894                                 | Congregate Metal Pad      | Cong Metal Pd    |
| 895                                 | Calliope Metal Pad        | Calliop Metal Pd |
| 896                                 | Bright Metal Pad 2        | BrT Metal Pd 2   |
| 897                                 | Bright Halo Pad           | Bright Halo Pad  |
| 898                                 | Soft Halo Pad             | Soft Halo Pad    |
| 899                                 | Wah Halo Pad              | Wah Halo Pad     |
| 900                                 | PWM Halo Pad              | PWM Halo Pad     |
| 901                                 | Bowed Halo Pad            | Bowed Halo Pad   |
| 902                                 | Congregate Halo Pad       | Cong Halo Pd     |
| 903                                 | Metal Halo Pad            | Metal Halo Pad   |
| 904                                 | Corrie Halo Pad           | Corrie Halo Pad  |
| 905                                 | Soft Dipolar Pad          | Soft Dipolar Pad |
| 906                                 | Wah Dipolar Pad           | Wah Dipolar Pad  |
| 907                                 | Vox Dipolar Pad           | Vox Dipolar Pad  |
| 908                                 | Metallic Dipolar Pad      | Metal Dipolar Pd |
| 909                                 | Warmly Dipolar Pad        | Warm Dipolar Pd  |
| 910                                 | Congregate Dipolar Pad    | Cong Dipolar Pd  |
| 911                                 | Calliope Dipolar Pad      | Calli Dipolar Pd |
| 912                                 | Corrie Dipolar Pad        | Corie Dipolar Pd |
| <b>Synth FX &amp; Sound Effects</b> |                           |                  |
| 913                                 | Guitar Fret Noise         | GtFret Noise     |
| 914                                 | Guitar Cutting Noise      | GtCutting Noise  |
| 915                                 | Acoustic Bass String Slap | Bass String Slap |
| 916                                 | Breath Noise              | Breath Noise     |
| 917                                 | Flute Key Click           | Flute Key Click  |
| 918                                 | Seashore                  | Seashore         |
| 919                                 | Rain                      | Rain             |
| 920                                 | Thunder                   | Thunder          |
| 921                                 | Wind 1                    | Wind 1           |
| 922                                 | Stream                    | Stream           |
| 923                                 | Bubble                    | Bubble           |
| 924                                 | Bird Tweet 1              | Bird Tweet 1     |
| 925                                 | Dog                       | Dog              |
| 926                                 | Horse Gallop              | Horse Gallop     |
| 927                                 | Bird Tweet 2              | Bird Tweet 2     |
| 928                                 | Telephone Ring 1          | Telephone Ring 1 |
| 929                                 | Telephone Ring 2          | Telephone Ring 2 |
| 930                                 | Door Creaking             | Door Creaking    |
| 931                                 | Door                      | Door             |
| 932                                 | Scratch                   | Scratch          |
| 933                                 | Wind Chime                | Wind Chime       |
| 934                                 | Helicopter                | Helicopter       |
| 935                                 | Car Engine                | Car Engine       |
| 936                                 | Car Stop                  | Car Stop         |
| 937                                 | Car Pass                  | Car Pass         |
| 938                                 | Car Crash                 | Car Crash        |
| 939                                 | Siren                     | Siren            |
| 940                                 | Train                     | Train            |
| 941                                 | Jetplane                  | Jetplane         |

|                              |                           |                   |
|------------------------------|---------------------------|-------------------|
| 942                          | Starship                  | Starship          |
| 943                          | Burst Noise               | Burst Noise       |
| 944                          | Applause                  | Applause          |
| 945                          | Laughing                  | Laughing          |
| 946                          | Screaming                 | Screaming         |
| 947                          | Punch                     | Punch             |
| 948                          | Heart Beat                | Heart Beat        |
| 949                          | Footsteps                 | Footsteps         |
| 950                          | Gunshot                   | Gunshot           |
| 951                          | Machine Gun               | Machine Gun       |
| 952                          | Lasergun                  | Lasergun          |
| 953                          | Explosion                 | Explosion         |
| <b>Ethnic &amp; Combined</b> |                           |                   |
| 954                          | Fiddle                    | Fiddle            |
| 955                          | Sitar                     | Sitar             |
| 956                          | Hackbrett                 | Hackbrett         |
| 957                          | Banjo                     | Banjo             |
| 958                          | Shamisen                  | Shamisen          |
| 959                          | Koto                      | Koto              |
| 960                          | Kalimba                   | Kalimba           |
| 961                          | Shanai                    | Shanai            |
| 962                          | Bag Pipe                  | Bag Pipe          |
| 963                          | Stereo Piano & Strings    | Piano&Strings     |
| 964                          | Stereo Piano & Calliope   | Piano&Calliope    |
| 965                          | Stereo Piano & Sweep      | Piano&Sweep       |
| 966                          | Honky Tonk Piano & Fifths | Honk&Fifths       |
| 967                          | Honky Tonk Piano & Sweep  | Honk&Sweep        |
| 968                          | FM Electric Piano         | FM E.Piano        |
| 969                          | Digital Piano             | Digital Piano     |
| 970                          | E.Piano & Pad             | E.Piano&Pad       |
| 971                          | E.Piano & Sweep           | E.Piano&Sweep     |
| <b>Perc/Drum</b>             |                           |                   |
| 972                          | Vibraphone (wide) 1       | Vibraphone/Wide 1 |
| 973                          | Rigid Vibraphone          | Rigid Vibraphone  |
| 974                          | Vibraphone 1              | Vibraphone 1      |
| 975                          | Steel Drums 1             | Steel Drums 1     |
| 976                          | Celesta 1                 | Celesta 1         |
| 977                          | Vibraphone 2              | Vibraphone 2      |
| 978                          | Vibraphone 3              | Vibraphone 3      |
| 979                          | Music Box & Flute         | Music Box&Flute   |
| 980                          | Marimba 1                 | Marimba 1         |
| 981                          | Xylophone 1               | Xylophone 1       |
| 982                          | Steel Drums 2             | Steel Drums 2     |
| 983                          | Celesta 2                 | Celesta 2         |
| 984                          | Glockenspiel 1            | Glockenspiel 1    |
| 985                          | Music Box 1               | Music Box 1       |
| 986                          | Tubular Bells 1           | Tubular Bells 1   |
| 987                          | Church Bell 1             | Church Bell 1     |
| 988                          | Carillon 1                | Carillon 1        |
| 989                          | Dulcimer 1                | Dulcimer 1        |
| 990                          | Timpani 1                 | Timpani 1         |
| 991                          | Taiko Drum                | Taiko Drum        |
| 992                          | Concert Bass Drum         | Concert Ba Drum   |
| 993                          | Melodic Tom 1             | Melodic Tom 1     |
| 994                          | Melodic Tom 2             | Melodic Tom 2     |
| 995                          | Synth Drum                | Synth Drum        |



|      |                                 |                    |
|------|---------------------------------|--------------------|
| 996  | Rhythm Box Tom                  | Rhythm Box Tom     |
| 997  | Electric Drum                   | Electric Drum      |
| 998  | Reverse Cymbal                  | Reverse Cymbal     |
| 999  | Standard Set 1                  | Standard Set 1     |
| 1000 | Standard Set 2                  | Standard Set 2     |
| 1001 | Jazz Set                        | Jazz Set           |
| 1002 | Brush Set                       | Brush Set          |
| 1003 | Dance Set 1                     | Dance Set 1        |
| 1004 | Room Set                        | Room Set           |
| 1005 | Power Set                       | Power Set          |
| 1006 | Electronic Set                  | Electronic Set     |
| 1007 | Analog Set                      | Analog Set         |
| 1008 | Dance Set 2                     | Dance Set 2        |
| 1009 | Orchestra Set                   | Orchestra Set      |
| 1010 | SFX Set                         | SFX Set            |
| 1011 | Studio Set                      | Studio Set         |
| GM   |                                 |                    |
| 1012 | Acoustic Grand Piano            | Grand Piano        |
| 1013 | Acoustic Grand Piano (wide)     | Grand Piano/Wide   |
| 1014 | Acoustic Grand Piano (dark)     | Grand Piano/Dark   |
| 1015 | Bright Acoustic Piano           | Bright Piano       |
| 1016 | Bright Acoustic Piano (wide)    | Bright Piano/Wide  |
| 1017 | Electric Grand Piano            | Electric Grand     |
| 1018 | Electric Grand Piano (wide)     | Elec.Grand/Wide    |
| 1019 | Honky Tonk Piano                | Honky Tonk         |
| 1020 | Honky Tonk Piano (wide)         | Honky Tonk/Wide    |
| 1021 | Electric Piano 1                | E.Piano 1          |
| 1022 | Electric Piano 2                | E.Piano 2          |
| 1023 | Detuned Electric Piano 1        | Detuned EP 1       |
| 1024 | Electric Piano 1 (velocity mix) | Velocity EP 1      |
| 1025 | 60's Electric Piano             | 60's EP            |
| 1026 | Detuned Electric Piano 2        | Detuned EP 2       |
| 1027 | Electric Piano 2 (velocity mix) | Velocity EP 2      |
| 1028 | EP Legend                       | EP Legend          |
| 1029 | Phase EP 1                      | Phase EP 1         |
| 1030 | Harpsichord                     | Harpsichord        |
| 1031 | Harpsichord (octave mix)        | Harpsichord/Octave |
| 1032 | Harpsichord (wide)              | Harpsichord/Wide   |
| 1033 | Harpsichord (with key off)      | Harpsichord/KeyOff |
| 1034 | Clavi                           | Clavi              |
| 1035 | Pulse Clavi                     | Pulse Clavi        |
| 1036 | Celesta                         | Celesta            |
| 1037 | Glockenspiel I                  | Glockenspiel I     |
| 1038 | Music Box                       | Music Box          |
| 1039 | Vibraphone                      | Vibraphone         |
| 1040 | Vibraphone (wide)               | Vibraphone/Wide    |
| 1041 | Marimba                         | Marimba            |
| 1042 | Marimba (wide)                  | Marimba/Wide       |
| 1043 | Xylophone                       | Xylophone          |
| 1044 | Tubular Bells                   | Tubular Bells      |
| 1045 | Church Bell                     | Church Bell        |
| 1046 | Carillon                        | Carillon           |
| 1047 | Dulcimer                        | Dulcimer           |
| 1048 | Drawbar Organ                   | Drawbar Organ      |
| 1049 | Detuned Drawbar Organ           | Detuned DrawOrg    |
| 1050 | Italian 60's Organ              | 60's Organ         |
| 1051 | Drawbar Organ 2                 | Drawbar Organ 2    |

|      |                                   |                    |
|------|-----------------------------------|--------------------|
| 1052 | Percussive Organ                  | Percussive Organ   |
| 1053 | Detuned Percussive Organ          | Detuned PercOrgan  |
| 1054 | Percussive Organ 2                | Percussive Organ 2 |
| 1055 | Rock Organ                        | Rock Organ         |
| 1056 | Church Organ                      | Church Organ       |
| 1057 | Church Organ (octave mix)         | ChurchOrg/Octave   |
| 1058 | Detuned Church Organ              | Detune ChurchOrg   |
| 1059 | Reed Organ                        | Reed Organ         |
| 1060 | Puff Organ                        | Puff Organ         |
| 1061 | Accordion                         | Accordion          |
| 1062 | Accordion 2                       | Accordion 2        |
| 1063 | Harmonica                         | Harmonica          |
| 1064 | Tango Accordion                   | Tango Accordion    |
| 1065 | Acoustic Guitar (nylon)           | Nylon Guitar       |
| 1066 | Ukulele                           | Ukulele            |
| 1067 | Acoustic Guitar (nylon + key off) | NylonGtr/KeyOff    |
| 1068 | Acoustic Guitar (nylon 2)         | Nylon Guitar 2     |
| 1069 | Acoustic Guitar (steel)           | Steel Guitar       |
| 1070 | 12-String Guitar                  | 12String Guitar    |
| 1071 | Mandolin                          | Mandolin           |
| 1072 | Steel Guitar with Body Sound      | SteelGtr/BodySd    |
| 1073 | Electric Guitar (jazz)            | Jazz Guitar        |
| 1074 | Electric Guitar (pedal steel)     | Pedal Guitar       |
| 1075 | Electric Guitar (clean)           | Clean Guitar       |
| 1076 | Electric Guitar (detuned clean)   | Detuned CleanGtr   |
| 1077 | Mid Tone Guitar                   | Mid Tone Guitar    |
| 1078 | Electric Guitar (muted)           | Muted Guitar       |
| 1079 | Electric Guitar (funky cutting)   | Funk Guitar        |
| 1080 | Electric Guitar (muted velo-sw)   | Velocity MutedGtr  |
| 1081 | Jazz Man                          | Jazz Man           |
| 1082 | Overdriven Guitar                 | OverdrivenGtr      |
| 1083 | Guitar Pinch                      | Guitar Pinch       |
| 1084 | Distortion Guitar                 | DistortionGtr 1    |
| 1085 | Distortion Guitar (with feedback) | Feedback Guitar    |
| 1086 | Distorted Rhythm Guitar           | Rhythm DistGtr     |
| 1087 | Guitar Harmonics                  | Guitar Harmonics   |
| 1088 | Guitar Feedback                   | Feedback Guitar 3  |
| 1089 | Acoustic Bass                     | Acoustic Bass      |
| 1090 | Electric Bass (finger)            | Finger Bass        |
| 1091 | Finger Slap Bass                  | Finger Slap Bass   |
| 1092 | Electric Bass (pick)              | Pick Bass          |
| 1093 | Fretless Bass                     | Fretless Bass      |
| 1094 | Slap Bass 1                       | Slap Bass 1        |
| 1095 | Slap Bass 2                       | Slap Bass 2        |
| 1096 | Synth Bass 1                      | Synth Bass 1       |
| 1097 | Synth Bass 2                      | Synth Bass 2       |
| 1098 | Synth Bass (warm)                 | Warm Synth Bass    |
| 1099 | Synth Bass 3 (resonance)          | Resonance SynBass  |
| 1100 | Clavi Bass                        | Clavi Bass         |
| 1101 | Hammer                            | Hammer             |
| 1102 | Synth Bass 4 (attack)             | Attack Bass        |
| 1103 | Synth Bass (rubber)               | Rubber Bass        |
| 1104 | Attack Pulse                      | Attack Pulse       |
| 1105 | Violin                            | Violin             |
| 1106 | Violin (slow attack)              | Slow Violin        |
| 1107 | Viola                             | Viola              |



|      |                              |                    |
|------|------------------------------|--------------------|
| 1108 | Cello                        | Cello              |
| 1109 | Contrabass                   | Contrabass         |
| 1110 | Tremolo Strings              | Tremolo Strings    |
| 1111 | Pizzicato Strings            | Pizzicato Str      |
| 1112 | Orchestral Harp              | Orchestral Harp    |
| 1113 | Yang Chin                    | Yang Chin          |
| 1114 | Timpani 1                    | Timpani 1          |
| 1115 | String Ensembles 1           | String Ensembles 1 |
| 1116 | String Ensembles 2           | String Ensembles 2 |
| 1117 | Strings & Brass              | Strings&Brass      |
| 1118 | 60's Strings                 | 60's Strings       |
| 1119 | Synth Strings 1              | Synth Strings 1    |
| 1120 | Synth Strings 2              | Synth Strings 2    |
| 1121 | Synth Strings 3              | Synth Strings 3    |
| 1122 | Choir Aahs                   | Choir Aahs         |
| 1123 | Choir Aahs 2                 | Choir Aahs 2       |
| 1124 | Voice Oohs                   | Voice Oohs         |
| 1125 | Humming                      | Humming            |
| 1126 | Analog Voice                 | Analog Voice       |
| 1127 | Synth Voice                  | Synth Voice        |
| 1128 | Orchestra Hit                | Orchestra Hit      |
| 1129 | Bass Hit Plus                | Bass Hit Plus      |
| 1130 | 6th Hit                      | 6th Hit            |
| 1131 | Euro Hit                     | Euro Hit           |
| 1132 | Trumpet                      | Trumpet            |
| 1133 | Dark Trumpet Soft            | Dark Trump Soft    |
| 1134 | Trombone                     | Trombone           |
| 1135 | Trombone 2                   | Trombone 2         |
| 1136 | Bright Trombone              | Bright Trombone    |
| 1137 | Tuba                         | Tuba               |
| 1138 | Muted Trumpet                | Muted Trumpet      |
| 1139 | Muted Trumpet 2              | Muted Trumpet 2    |
| 1140 | French Horn                  | French Horn        |
| 1141 | French Horn 2 (warm)         | French Horn 2      |
| 1142 | Brass Section                | Brass Section      |
| 1143 | Brass Section 2 (octave mix) | Brass Section 2    |
| 1144 | Synth Brass 1                | Synth Brass 1      |
| 1145 | Synth Brass 2                | Synth Brass 2      |
| 1146 | Synth Brass 3                | Synth Brass 3      |
| 1147 | Synth Brass 4                | Synth Brass 4      |
| 1148 | Analog Synth Brass 1         | Analog SynBrass 1  |
| 1149 | Analog Synth Brass 2         | Analog SynBrass 2  |
| 1150 | Jump Brass                   | Jump Brass         |
| 1151 | Soprano Sax                  | Soprano Sax        |
| 1152 | Alto Sax                     | Alto Sax           |
| 1153 | Tenor Sax                    | Tenor Sax          |
| 1154 | Baritone Sax                 | Baritone Sax       |
| 1155 | Oboe                         | Oboe               |
| 1156 | English Horn                 | English Horn       |
| 1157 | Bassoon                      | Bassoon            |
| 1158 | Clarinet                     | Clarinet           |
| 1159 | Piccolo                      | Piccolo            |
| 1160 | Flute                        | Flute              |
| 1161 | Recorder                     | Recorder           |
| 1162 | Pan Flute                    | Pan Flute          |

|      |                       |                   |
|------|-----------------------|-------------------|
| 1163 | Blown Bottle          | Blown Bottle      |
| 1164 | Shakuhachi            | Shakuhachi        |
| 1165 | Whistle               | Whistle           |
| 1166 | Ocarina               | Ocarina           |
| 1167 | FX 1 (rain)           | FX 1 Rain         |
| 1168 | FX 2 (soundtrack)     | FX 2 SoundTrack   |
| 1169 | FX 3 (crystal)        | FX 3 Crystal      |
| 1170 | FX 3a (synth mallet)  | Synth Mallet      |
| 1171 | FX 4 (atmosphere)     | FX 4 Atmosphere   |
| 1172 | FX 5 (brightness)     | FX 5 Brightness   |
| 1173 | FX 6 (goblins)        | FX 6 Goblins      |
| 1174 | FX 7 (echoes)         | FX 7 Echoes       |
| 1175 | FX 7a (echo bell)     | Echo bell         |
| 1176 | FX 7b (echo pan)      | Echo pan          |
| 1177 | FX 8 (sci-fi)         | FX 8 Sci-Fi       |
| 1178 | Sitar                 | Sitar             |
| 1179 | Sitar 2 (bend)        | Sitar 2/Bend      |
| 1180 | Banjo                 | Banjo             |
| 1181 | Shamisen              | Shamisen          |
| 1182 | Koto                  | Koto              |
| 1183 | Taisho Koto           | Taisho Koto       |
| 1184 | Kalimba               | Kalimba           |
| 1185 | Bag Pipe              | Bag Pipe          |
| 1186 | Fiddle                | Fiddle            |
| 1187 | Shanai                | Shanai            |
| 1188 | Tinkle Bell           | Tinkle Bell       |
| 1189 | Agogo                 | Agogo             |
| 1190 | Steel Drums           | Steel Drums       |
| 1191 | Woodblock             | Woodblock         |
| 1192 | Castanets             | Castanets         |
| 1193 | Taiko Drum            | Taiko Drum        |
| 1194 | ConcertBass Drum      | ConBass Drum      |
| 1195 | Melodic Tom           | Melodic Tom       |
| 1196 | Melodic Tom 2 (power) | Power Melodic Tom |
| 1197 | Synth Drum            | Synth Drum        |
| 1198 | Rhythm Box Tom        | Rhythm Box Tom    |
| 1199 | Electric Drum         | Electric Drum     |
| 1200 | Reverse Cymbal        | Reverse Cymbal    |

## Style list

| No.                       | Style Name      |
|---------------------------|-----------------|
| <b>8BEAT &amp; 16BEAT</b> |                 |
| 1                         | 8Beat Pop 1     |
| 2                         | Pop Rock 1      |
| 3                         | 8Beat Rock      |
| 4                         | 8Beat Ballad    |
| 5                         | Pop Jazz        |
| 6                         | 8Beat 1         |
| 7                         | 8Beat Pop 2     |
| 8                         | Pop Funk 1      |
| 9                         | Rhythm&Beat 1   |
| 10                        | 8Beat Disco 1   |
| 11                        | Guitar Pop 1    |
| 12                        | Guitar Pop 2    |
| 13                        | 8Beat 2         |
| 14                        | Sweet Beat      |
| 15                        | 8Beat Dance     |
| 16                        | 8Beat Disco 2   |
| 17                        | Pop Funk 2      |
| 18                        | 8Beat 3         |
| 19                        | 60's 8Beat      |
| 20                        | Rhythm&Beat 2   |
| 21                        | 16Beat 1        |
| 22                        | 16Beat Funk 1   |
| 23                        | 16Beat Ballad 1 |
| 24                        | 16Beat R&B      |
| 25                        | 16Beat Pop 1    |
| 26                        | 16Beat Funk 2   |
| 27                        | 16Beat Dance    |
| 28                        | 16Beat Pop 2    |
| 29                        | 16Beat 2        |
| 30                        | 16Beat Pop 3    |
| 31                        | 16Beat Pop 4    |
| 32                        | Modern 16Beat   |
| 33                        | 16Beat Hot      |
| 34                        | 16Beat Modern   |
| 35                        | 16Beat Funk 3   |
| 36                        | 16Beat 3        |
| 37                        | Cool Beat       |
| 38                        | 16Beat Ballad 2 |
| 39                        | 16Beat 4        |
| 40                        | Pop Shuffle     |
| <b>ROCK</b>               |                 |
| 41                        | Blues Rock      |
| 42                        | Hard Rock       |
| 43                        | Rock            |
| 44                        | New Wave        |
| 45                        | 80's metal      |
| 46                        | Ska             |
| 47                        | Pop Rock 2      |
| 48                        | Pop Rock 3      |
| 49                        | Standard Rock   |
| 50                        | Slow Rock       |
| 51                        | 70's Rock&Roll  |
| 52                        | Folk Rock       |
| 53                        | Soft Rock       |

|                         |                |
|-------------------------|----------------|
| 54                      | Old Rock       |
| 55                      | Easy Rock      |
| 56                      | New Shuffle    |
| 57                      | Rock Hip Hop   |
| 58                      | Rock&Roll 1    |
| 59                      | Rock Shuffle   |
| 60                      | Rock&Roll 2    |
| <b>POP &amp; BALLAD</b> |                |
| 61                      | Sweet Ballad   |
| 62                      | Piano Ballad   |
| 63                      | BriPop 1       |
| 64                      | 6-8Ballad      |
| 65                      | Unplugged      |
| 66                      | Pop Rock 4     |
| 67                      | Pop Dance 1    |
| 68                      | Pop Fusion     |
| 69                      | Analog Night 1 |
| 70                      | 6/8 Pop        |
| 71                      | Brit. Pop 1    |
| 72                      | Brit. Pop 2    |
| 73                      | Pop Hit        |
| 74                      | Fusion Shuffle |
| 75                      | Analog Night 2 |
| 76                      | Guitar Pop 3   |
| 77                      | Pop Beat       |
| 78                      | Soft Beat      |
| 79                      | 60's Pop       |
| 80                      | Sting Latin    |
| 81                      | R&B Ballad 1   |
| 82                      | Guitar Ballad  |
| 83                      | Ballad Rock    |
| 84                      | Piano Pop 1    |
| 85                      | Soft Ballad    |
| 86                      | Natural Ballad |
| 87                      | Love Ballad    |
| 88                      | Easy Ballad    |
| 89                      | Miami Folk     |
| 90                      | Slow Ballad    |
| 91                      | Folk Ballad    |
| 92                      | Pop Ballad 1   |
| 93                      | Pop Ballad 2   |
| 94                      | EP Ballad      |
| 95                      | New R&B Ballad |
| <b>BALLROOM</b>         |                |
| 96                      | Tango 1        |
| 97                      | Spain Matador  |
| 98                      | Twist 1        |
| 99                      | Twist 2        |
| 100                     | Big Band Fox   |
| 101                     | Tango 2        |
| 102                     | Tango 3        |
| 103                     | Slow Fox       |
| 104                     | Slow Waltz 1   |
| 105                     | Swing Fox      |
| 106                     | Salsa 1        |
| 107                     | Pop Cha Cha    |



|                         |                   |
|-------------------------|-------------------|
| 108                     | Cha Cha 1         |
| 109                     | Cha Cha 2         |
| 110                     | Beguine 1         |
| 111                     | Beguine 2         |
| 112                     | Rumba 1           |
| 113                     | Samba 1           |
| 114                     | Samba 2           |
| 115                     | Jive              |
| 116                     | Fox Trot          |
| <b>DANCE</b>            |                   |
| 117                     | Techno 1          |
| 118                     | Hip Hop 1         |
| 119                     | House 1           |
| 120                     | House 2           |
| 121                     | Pop Dance 2       |
| 122                     | Down Beat         |
| 123                     | Progressive House |
| 124                     | Dubstep           |
| 125                     | Techno 2          |
| 126                     | Progressive       |
| 127                     | Rap 1             |
| 128                     | Rap 2             |
| 129                     | Disco             |
| 130                     | Soft Disco        |
| 131                     | Disco Party       |
| 132                     | 70's Disco        |
| 133                     | 70's Disco Funk   |
| 134                     | Club Dance        |
| 135                     | Euro Dance        |
| 136                     | Hip Hop 2         |
| 137                     | Garage            |
| <b>SOUL &amp; FUNK</b>  |                   |
| 138                     | Pop Funk          |
| 139                     | New R&B           |
| 140                     | Pop R&B           |
| 141                     | Neo-Soul          |
| 142                     | Funk 1            |
| 143                     | Classic Funk      |
| 144                     | Jay R&B           |
| 145                     | Gospel Swing      |
| 146                     | Gospel            |
| 147                     | Funk 2            |
| 148                     | Electric Funk     |
| 149                     | Groove Funk       |
| 150                     | Rubber Funk       |
| 151                     | Cool Funky        |
| 152                     | Jazz Funk         |
| 153                     | Groove            |
| 154                     | Soul              |
| 155                     | Hip Hop Soul      |
| 156                     | Hip Hop Beat      |
| 157                     | R&B               |
| 158                     | Soul Beat         |
| 159                     | R&B Ballad 2      |
| 160                     | British Soul Pop  |
| <b>SWING &amp; JAZZ</b> |                   |
| 161                     | Modern Big Band   |

|                                |                     |
|--------------------------------|---------------------|
| 162                            | Gospel Swing        |
| 163                            | Piano Jazz          |
| 164                            | Smooth Jazz         |
| 165                            | Smooth Operator     |
| 166                            | Latin Jazz 1        |
| 167                            | Big Band            |
| 168                            | Dixieland 1         |
| 169                            | Guitar Swing 1      |
| 170                            | Broadway Big Band   |
| 171                            | Swing               |
| 172                            | Latin Jazz 2        |
| 173                            | Fusion              |
| 174                            | Acid Jazz           |
| 175                            | Cool Jazz Ballad    |
| 176                            | Swing Shuffle       |
| 177                            | Big Band Medium     |
| 178                            | Dixieland 2         |
| 179                            | Acoustic Jazz       |
| 180                            | Guitar Swing 2      |
| 181                            | Ragtime             |
| 182                            | Modern Jazz Ballad  |
| 183                            | Swing Ballad        |
| 184                            | Orchestra Swing     |
| <b>COUNTRY</b>                 |                     |
| 185                            | Ballad Country 1    |
| 186                            | 70's Country Rock   |
| 187                            | Ballad Country 2    |
| 188                            | Modern Country 1    |
| 189                            | Dixie Chicks        |
| 190                            | Country Pop 1       |
| 191                            | Bluegrass 1         |
| 192                            | Bluegrass 2         |
| 193                            | 8Beat Country       |
| 194                            | Modern Country 2    |
| 195                            | Country Pop 2       |
| 196                            | Country Pop 3       |
| 197                            | Bluegrass 3         |
| 198                            | 2/4 Country         |
| 199                            | Country Quick Steps |
| 200                            | Country Folk        |
| 201                            | Country Shuffle     |
| <b>LATIN &amp; LATIN DANCE</b> |                     |
| 202                            | Samba 3             |
| 203                            | Bossa Nova          |
| 204                            | Latin               |
| 205                            | New Reggae          |
| 206                            | Reggae Dance        |
| 207                            | Paso Doble          |
| 208                            | Lite Bossa          |
| 209                            | Latin Rock          |
| 210                            | Beguine 3           |
| 211                            | Slow Bolero         |
| 212                            | Disco Samba         |
| 213                            | Mambo               |
| 214                            | Merengue            |
| 215                            | Rumba 2             |
| 216                            | Rumba 3             |

|                                |                 |
|--------------------------------|-----------------|
| 217                            | TikiTiki        |
| 218                            | Lambada         |
| 219                            | Pop Cha Cha 1   |
| 220                            | Pop Cha Cha 2   |
| 221                            | Salsa 2         |
| <b>WALTZ &amp; TRADITIONAL</b> |                 |
| 222                            | Waltz           |
| 223                            | Old Waltz       |
| 224                            | English Waltz   |
| 225                            | German Waltz    |
| 226                            | Italian Mazurka |
| 227                            | Mexico Waltz    |
| 228                            | Vienna Waltz    |
| 229                            | Slow Waltz 2    |
| 230                            | Jazz Waltz      |
| 231                            | Polka           |
| 232                            | 6/8 March       |
| 233                            | German Polka    |
| 234                            | Party Polka     |
| 235                            | Army March      |
| 236                            | March           |
| 237                            | US March        |
| 238                            | Musette         |
| 239                            | French Musette  |
| 240                            | Mazurka         |
| <b>WORLD</b>                   |                 |
| 241                            | Enka Ballad     |
| 242                            | Laendler        |
| 243                            | Hawaiian        |
| 244                            | Sirtake         |
| 245                            | Dangdut         |
| 246                            | 6/8 Flipper     |
| 247                            | New Age         |
| 248                            | Tarantella      |
| 249                            | Scottish        |
| 250                            | Norteno         |
| <b>PIANIST</b>                 |                 |
| 251                            | Pianist 1       |
| 252                            | Pianist 2       |
| 253                            | Pianist 3       |
| 254                            | Jazz 1          |
| 255                            | Jazz 2          |
| 256                            | Jazz Pub        |
| 257                            | Piano Rock      |
| 258                            | Pop Bossa       |
| 259                            | March 1         |
| 260                            | March 2         |
| 261                            | Piano Beat      |
| 262                            | Piano Bar       |
| 263                            | Blues           |
| 264                            | Pop Waltz       |
| 265                            | Slow Waltz      |
| 266                            | Ballad 1        |
| 267                            | Ballad 2        |
| 268                            | 6/8 Ballad      |
| 269                            | Pop 1           |
| 270                            | Pop 2           |

## Song list

| No.                       | English Name                                | LCD Name            |
|---------------------------|---|---------------------|
| <b>FOLK &amp; COUNTRY</b> |   |                     |
| 1                         | Red River Valley                            | Red River Valley    |
| 2                         | Troika                                      | Troika              |
| 3                         | Oh! Susanna!                                | Oh! Susanna!        |
| 4                         | Wave Of The Danube                          | Wave of Danube      |
| 5                         | Long Long Ago                               | Long Long Ago       |
| 6                         | Old Folks at Home                           | Old Folks at Home   |
| 7                         | Jambalaya                                   | Jambalaya           |
| 8                         | Ding! Dong! Merrily On High                 | Ding! Dong!         |
| 9                         | Battle Hymn Of The Republic                 | Battle Hymn         |
| 10                        | The Old Gray Mare                           | The Old Gray Mare   |
| 11                        | American Patrol                             | American Patrol     |
| 12                        | Christmas Is Coming                         | Christmas Coming    |
| 13                        | Sippin' Cider Through A Straw               | Sipping Cider       |
| 14                        | Christmas Sound                             | Christmas Sound     |
| 15                        | On London Bridge                            | On London Bridge    |
| <b>GOLDEN &amp; POP</b>   |   |                     |
| 16                        | House Of The Rising Sun                     | House of Rising     |
| 17                        | The Blue Bells Of Scotland                  | The Blue Bells      |
| 18                        | Beautiful Dreamer                           | Beautiful Dreamer   |
| 19                        | It's Been A Long, Long Time                 | Been a Long Time    |
| 20                        | O Sole Mio                                  | O Sole Mio          |
| 21                        | Der Deitcher's Dog                          | Der Deitcher's Dog  |
| 22                        | Joy To The World                            | Joy to the World    |
| 23                        | Silent Night                                | Silent Night        |
| 24                        | Ave Maria                                   | Ave Maria           |
| 25                        | Five Hundred Miles                          | Five Hundred Mi     |
| 26                        | Happy New Year                              | Happy New Year      |
| 27                        | It's Beginning To Look A Lot Like Christmas | Like Christmas      |
| 28                        | Jeanie With The Light Brown Hair            | Jeanie              |
| 29                        | Music Box Dancer                            | Music Box Dancer    |
| 30                        | Go Tell It On The Mountain                  | Tell it on Mountain |
| 31                        | Entertainer                                 | Entertainer         |
| 32                        | Annie Laurie                                | Annie Laurie        |
| 33                        | Rumba Romance                               | Rumba Romance       |
| 34                        | The Last Rose Of Summer                     | Rose of Summer      |
| 35                        | The Old King Cole                           | The Old King Cole   |
| <b>JAZZ &amp; FUSION</b>  |   |                     |
| 36                        | Samba In June                               | Samba in June       |
| 37                        | Funk  | Funk                |
| 38                        | I Can...                                    | I Can...            |
| 39                        | Sea Shore                                   | Sea Shore           |
| 40                        | Guitar&Saxophone                            | Guitar&Saxophone    |
| 41                        | The Hip Hop's Night                         | HipHop's Night      |
| 42                        | Blue Lunch                                  | Blue Lunch          |
| 43                        | Cobweb                                      | Cobweb              |
| 44                        | Wine  | Wine                |
| 45                        | Jazz Old Man                                | Jazz Old Man        |
| 46                        | Dark Eyes                                   | Dark Eyes           |
| 47                        | Carlos                                      | Carlos              |
| 48                        | Sad   | Sad                 |
| <b>PIANO</b>              |   |                     |
| 49                        | Lyrical Rondo                               | Lyrical Rondo       |
| 50                        | Raindrops (Rag)                             | Raindrops (Rag)     |
| 51                        | Neapolitan Song                             | Neapolitan Song     |
| 52                        | Waltzes                                     | Waltzes             |
| 53                        | Turkish March                               | Turkish March       |
| 54                        | Schubert's Dance No. 2                      | Dance No. 2         |

|    |   |                        |
|----|---|------------------------|
| 55 | Minuet In D Major                       | Minuet in D Major      |
| 56 | Inquietude                              | Inquietude             |
| 57 | Italian Polka                           | Italian Polka          |
| 58 | Moment Musical                          | Moment Musical         |
| 59 | Prelude In C-Sharp Major                | Prelude in C-Sharp Maj |
| 60 | The Happy Farmer                        | The Happy Farmer       |
| 61 | The Rag-Time Dance                      | The Rag-Time Dance     |
| 62 | Piano Sonata In C Major, K.330, III     | Sonata K.330.III       |
| 63 | Mazurka                                 | Mazurka                |
| 64 | Prelude In E Major                      | Prelude in E Major     |
| 65 | Piano Sonata In A Major, K.331, I       | Sonata K.331.I         |
| 66 | Waltz For Piano In g-Sharp Minor        | Waltz in g-Sharp       |
| 67 | Gavotte                                 | Gavotte                |
| 68 | L'Arabesque                             | L'Arabesque            |
| 69 | Austria Variation                       | Austria Variation      |
| 70 | Schubert's Dance No. 7                  | Dance No. 7            |
| 71 | To A Wild Rose                          | To a Wild Rose         |
| 72 | Gavotte I                               | Gavotte I              |
| 73 | Waltz                                   | Waltz                  |
| 74 | Minuet In G Major (BWV Anh. 116)        | Minuet in G 2          |
| 75 | Innocence                               | Innocence              |
| 76 | Tchaikovsky Waltz                       | Tchaikovsky Waltz      |
| 77 | Salut d'Amour                           | Salut d'Amour          |
| 78 | Barcarole                               | Barcarole              |
| 79 | Robot Doll                              | Robot Doll             |
| 80 | Consolation                             | Consolation            |
| 81 | 2-Part Invention #13 In A Minor B.W. II | Invention A.2 Voix     |
| 82 | Minuet In G Major (BWV Anh. 114)        | Minuet in G 1          |
| 83 | Barcarole                               | Barcarole              |
| 84 | Norwegian Dance No.2                    | Norwegian Dance No.2   |
| 85 | Moseta Dance                            | Moseta Dance           |
| 86 | The Small Gathering                     | The Small Gathering    |
| 87 | The Return                              | The Return             |
| 88 | The Wagtail                             | The Wagtail            |
| 89 | Bulle Dance                             | Bulle Dance            |
| 90 | Tender Blossom                          | Tender Blossom         |

## Demo song list

| No. | Demo Name | LCD Name |
|-----|-----------|----------|
| 1   | Demo1     | Demo1    |
| 2   | Demo2     | Demo2    |
| 3   | Demo3     | Demo3    |

## Chord list

| Chord Name (Abbreviation)            | Normal Voicing                     | Chord  | Display |
|--------------------------------------|------------------------------------|--------|---------|
| Major [M]                            | 1-3-5                              | C      | C       |
| Major sixth [6]                      | 1-(3)-5-6                          | C6     | C6      |
| Major seventh [M7]                   | 1-3-(5)-7                          | CM7    | CM7     |
| Major seventh sharp eleventh [M7#11] | 1-(2)-3-#4-(5)-7                   | CM7#11 | CM7#11  |
| Major add ninth [Madd9]              | 1-2-3-5                            | Cmadd9 | CM(9)   |
| Major ninth [M9]                     | 1-2-3-(5)-7                        | CM9    | CM7(9)  |
| Major sixth add ninth [6 9]          | 1-2-3-(5)-6                        | C6 9   | C6(9)   |
| Augmented [aug]                      | 1-3-#5                             | Caug   | Caug    |
| Minor [m]                            | 1-b3-5                             | Cm     | Cm      |
| Minor sixth [m6]                     | 1-b3-5-6                           | Cm6    | Cm6     |
| Minor seventh [m7]                   | 1-b3-(5)-b7                        | Cm7    | Cm7     |
| Minor seventh flatted fifth [m7b5]   | 1-b3-b5-b7                         | Cm7b5  | Cm7b5   |
| Minor add ninth [madd9]              | 1-2-b3-5                           | Cmadd9 | Cm(9)   |
| Minor ninth [m9]                     | 1-2-b3-(5)-b7                      | Cm9    | Cm7(9)  |
| Minor eleventh [m11]                 | 1-(2)-b3-4-5-(b7)                  | Cm11   | Cm7(11) |
| Minor major ninth [mM7]              | 1-b3-(5)-7                         | CmM7   | CmM7    |
| Minor major ninth [mM9]              | 1-2-b3-(5)-7                       | CmM9   | CmM7(9) |
| Diminished [dim]                     | 1-b3-b5                            | Cdim   | Cdim    |
| Diminished seventh [dim7]            | 1-b3-b5-6                          | Cdim7  | Cdim7   |
| Seventh [7]                          | 1-3-(5)-b7                         | C7     | C7      |
| Seventh suspended fourth [7sus4]     | 1-4-5-b7                           | C7sus4 | C7sus4  |
| Seventh flatted fifth [7b5]          | 1-3-b5-b7                          | C7b5   | C7b5    |
| Seventh ninth [7 9]                  | 1-2-3-(5)-b7                       | C7 9   | C7(9)   |
| Seventh sharp eleventh [7#11]        | 1-2-3-#4-(5)-b7 or 1-(2)-3-#4-5-b7 | C7#11  | C7(#11) |
| Seventh thirteenth [7 13]            | 1-3-(5)-6-b7 or 2-3-5-6-b7         | C7 13  | C7(13)  |
| Seventh flatted ninth [7b9]          | 1-b2-3-(5)-b7                      | C7b9   | C7(b9)  |
| Seventh flatted thirteenth [7b13]    | 1-3-5-b6-b7                        | C7b13  | C7(b13) |
| Seventh sharp ninth [7#9]            | (1)-#2-3-(5)-b7                    | C7#9   | C7(#9)  |
| Major seventh augmented [M7aug]      | 1-3-#5-7                           | CM7aug | CM7aug  |
| Seventh augmented [7aug]             | (1)-3-#5-b7                        | C7aug  | C7aug   |
| Suspended fourth [sus4]              | 1-4-5                              | Csus4  | Csus4   |
| One plus two plus five [1+2+5]       | 1-2-5                              | C1+2+5 | C       |



## MIDI Implementation Table

| Function         |               | Transmitted   | Recognized              | Remarks               |
|------------------|---------------|---------------|-------------------------|-----------------------|
| Basic Channel    | Default       | 1ch           | ALL                     |                       |
|                  | Changed       | 1-16ch        | 1-16ch                  |                       |
| Mode             | Default       | ×             | 3                       |                       |
|                  | Messages      | ×             | 3                       |                       |
|                  | Altered       | *****         | ×                       |                       |
| Note Number      | Note          | 0—127         | 0—127                   |                       |
|                  | :True voice   | *****         | 0—127                   |                       |
| Velocity         | Note on       | ○ 9nH,V=1-127 | ○ 9nH,V=1-127           |                       |
|                  | Note off      | × (9nH,V=0)   | ○(9nH,V=0; 8nH,V=0-127) |                       |
| After Touch      | key's         | ×             | ×                       |                       |
|                  | Ch's          | ×             | ×                       |                       |
| Pitch Bend       |               | ×             | ○                       |                       |
| Control Change   | 0             | ○             | □                       | Bank Select           |
|                  | 1             | ×             | ○                       | Modulation            |
|                  | 5             | ×             | ○                       | Portamento Time       |
|                  | 6             | ○             | ○                       | Data Entry            |
|                  | 7             | ○             | ○                       | Volume                |
|                  | 10            | ×             | □                       | Pan                   |
|                  | 11            | ×             | ○                       | Expression            |
|                  | 64            | ○             | ○                       | Sustain Pedal         |
|                  | 65            | ×             | ○                       | Portamento ON/OFF     |
|                  | 66            | ○             | ○                       | Sostenuto Pedal       |
|                  | 67            | ○             | ○                       | Soft Pedal            |
|                  | 80            | ×             | ×                       | Reverb Program        |
|                  | 81            | ×             | ×                       | Chorus Program        |
|                  | 91            | ○             | ○                       | Reverb Level          |
|                  | 93            | ○             | ○                       | Chorus Level          |
|                  | 120           | ×             | ○                       | All Sound Off         |
|                  | 121           | ×             | ×                       | Reset All Controllers |
|                  | 123           | ○             | ○                       | All Notes Off         |
| Program Change   |               | ○             | ○                       |                       |
|                  | :true         | *****         | 0—127                   |                       |
| System Exclusive |               | ×             | ○                       |                       |
| System Common    | :SongPosition | ×             | ×                       |                       |
|                  | :Song Select  | ×             | ×                       |                       |
|                  | :Tune         | ×             | ×                       |                       |
| System Real Time | :Clock        | ○             | ×                       |                       |
|                  | :Commands     | ×             | ×                       |                       |
| Aux Messages     | :LOCAL ON/OFF | ×             | ×                       |                       |
|                  | :Active sense | ○             | ○                       |                       |
|                  | :Reset        | ×             | ○                       |                       |
| Notes:           |               |               |                         |                       |

- Mode 1: OMNI ON, POLY
- Mode 2: OMNI ON, MONO

- Mode 3: OMNI OFF, POLY
- Mode 4: OMNI OFF, MONO

- : YES
- ×: NO

## WEEE/CE Declaration

Your product has been designed and manufactured with high-quality materials and components that are recyclable and can be reused. This symbol means that electrical and electronic devices must be disposed of separately from household waste at the end of their useful life. Please dispose of this device at your local municipal collection point or recycling center. Please help preserve the environment in which we live.

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