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Roland SH-101 Model Expansion JUNO-X Programmable Polyphonic Synthesizer User Guide

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SH-101 Model Expansion JUNO-X Programmable Polyphonic Synthesizer

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Using the SH-101 Model Expansion

This manual explains how to use SH-101 Model Expansion with the JUNO-X.
There are two ways to use SH-101 Model Expansion.
In this manual, we explain how to do this via Roland Cloud Manager.

Using Roland Cloud Manager

On your computer, use the Roland Cloud Manager to download the
SH-101 Model Expansion files from Roland Cloud.
Use a USB flash drive to import the files into the JUNO-X.

- Click here for more information on Roland Cloud.
- Click here to download the Roland Cloud Manager and Owner's Manual.
  * You must purchase a Lifetime Key for the data if you want to use Roland Cloud Manager.
  * Data that was downloaded with only a Roland Cloud membership can't be loaded into the JUNO-X.

Using Roland Cloud Connect

Use Roland Cloud Connect (sold separately) and your smartphone
to import the SH-101 Model Expansion files into the JUNO-X.

- Click here for more information on Roland Cloud Connect.
  * If you are using Roland Cloud Connect (sold separately), you can
  use the SH-101 Model Expansion files even on a membership
  basis.

Updating the JUNO-X to the Latest Version

Before using the SH-101 Model Expansion, you must update the
JUNO-X to the latest version.

Download the latest software from the website below, and follow the
steps listed to update.
https://roland.cm/juno-x_dl

Downloading the SH-101 Model Expansion by Using Roland Cloud Manager

This explains how to use Roland Cloud Manager to download and install the SH-101 Model Expansion files.

Installing the Roland Cloud Manager

1. On your computer, download Roland Cloud Manager from the Roland Cloud website.
Access the website listed below to download the appropriate installer for your computer.
https://roland.cm/RolandCloudManager

2. Double-click the installer you downloaded to begin the installation.
Proceed with the installation by following the directions shown onscreen.
When you see a message saying that the installation was successful, click the [Close] or [Finish].

3. Start the Roland Cloud Manager that you installed, and register your account.
Follow the onscreen instructions to register.

Downloading the SH-101 Model Expansion

1. Start Roland Cloud Manager.

2. Click "Hardware" on the Menu tab.

   A list of hardware appears.

3. Click "JUNO-X".

   A list of contents appears.

4. Click SH-101 Model Expansion.

   The SH-101 Model Expansion download page appears.

5. Click "Get Lifetime Key" to purchase a Lifetime Key.

6. Once you've made your purchase, click "Library" on the Menu tab.

   A list of the contents you have purchased appears.

7. Select "SH-101 Model Expansion" and download.

Using the SH-101 Model Expansion
Installing the SH-101 Model Expansion

Saving Files To a USB Flash Drive
* When using a USB flash drive for the first time, you must format it on the JUNO-X.
"Formatting a USB Flash Drive" (Startup Guide)
1. Connect the USB flash drive to your computer.
2. Save the file (EXM004_SH101.exz) to the root directory of the USB flash drive.
3. Disconnect the USB flash drive from your computer.

Installing on the JUNO-X

1. Insert the USB flash drive you prepared in "Saving Files To a USB Flash Drive" into the JUNO-X.

2. Turn the power of the JUNO-X on while holding
down the [ENTER] (INIT) button.
The EXPANSION top screen appears.
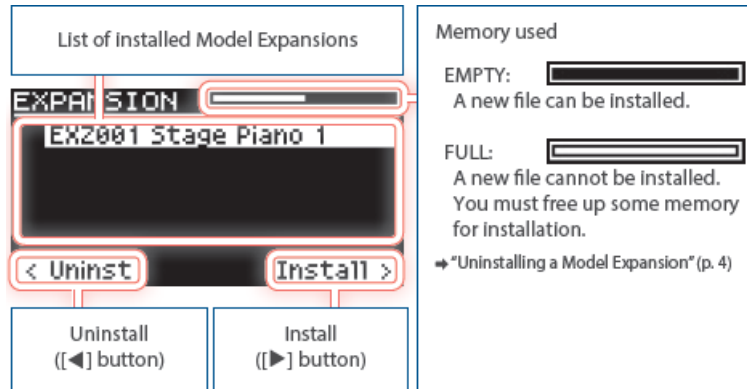
3. Press the [►] button to go to the installation screen.
4. Use the [▲ SELECT ▼] knob to select "EXM004_
SH101", and press the [ENTER] (INIT) button or the [►] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

MEMO
The user license registration screen appears if you're installing for the first time.
To continue installing, use the [►] button to select "OK", and then press the [ENTER] (INIT) button.

5. To execute, use the [- VALUE +] knob to select "OK",
and then press the [ENTER] (INIT) button.
6. Turn the power off, then on again.
This allows you to use the SH-101 Model Expansion.

Error Messages

Indication – Action

Expansion Memory Full! – There is not enough memory available for installation.
Follow the steps in "Uninstalling a Model Expansion" to
free up the memory.

Incorrect License! Please Remove License – The SH-101 Model Expansion is currently linked to a different
user license.
Follow the steps in "Initializing Your User License" (p. 5) to initialize the user license.

Uninstalling a Model Expansion

If there is not enough free memory, you can uninstall Model
Expansions that are already installed, and then install the SH-101

Model Expansion.
1. Hold down the [ENTER] (INIT) button and turn the JUNO-X on.
The EXPANSION top screen appears.
2. Use the [▲ SELECT ▼] knob to select the file to
uninstall, and then press the [◄] button to go to the
uninstallation screen.

A confirmation message appears.
If you decide to cancel, press the [EXIT] button.
3. To execute, use the [- VALUE +] knob to select "OK",
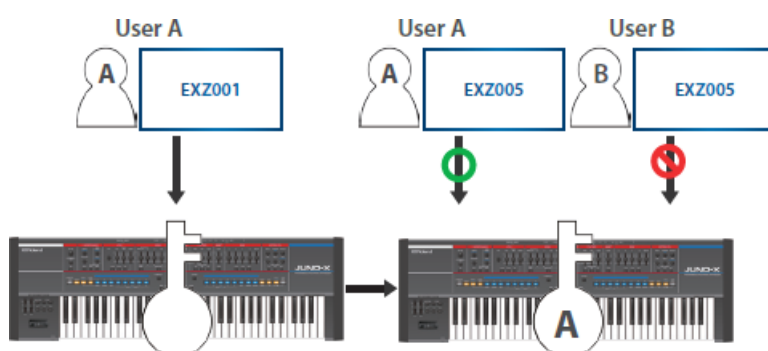and then press the [ENTER] (INIT) button.
MEMO
The uninstall process works the same even if you've installed the
Model Expansion with Roland Cloud Connect (WC-1).

User License

The Model Expansions are linked to the user license of the user who
downloaded them.
You cannot import or install Model Expansions with different user
licenses on a single JUNO-X.

When you want to import or install a SH-101 Model Expansion that has
a different user license from the Model Expansions already registered
in the JUNO-X, follow the steps to initialize the user license.
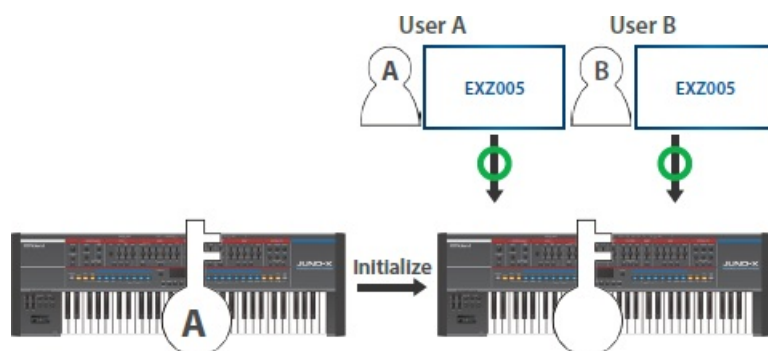
Initializing Your User License

By initializing the user license, you can install a SH-101 Model
Expansion that you've downloaded with a new user license.

NOTE

- This deletes all Model Expansions that are already installed.
- Never turn off the power or remove the USB flash drive while the
  "Executing…" message is shown.

1. Press the [MENU] (WRITE) button on the JUNO-X.
2. Use the [▲ SELECT ▼] knob to select "UTILITY", and

press the [ENTER] (INIT) button.
3. Use the [▲ SELECT ▼] knob to select "FACTORY
RESET", and then press the [ENTER] (INIT) button.
The FACTORY RESET screen appears.

```
FACTORY RESET
  ☑ Reset User Data
  ☑ Reset System Data
  ☑ Remove License
                    Exec >
```
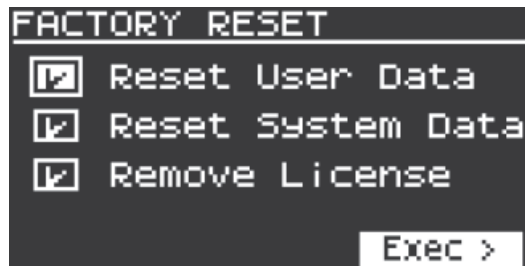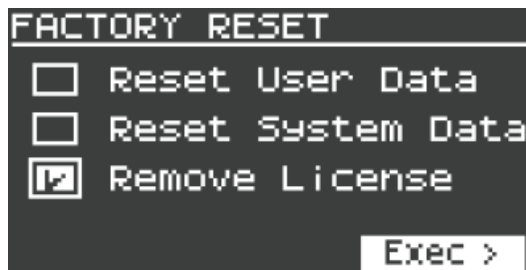
4. Select the item using the [▲ SELECT ▼] knob, and
using the [ENTER] (INIT) button to select or deselect
the items, select only the "Remove License" check
box.

```
FACTORY RESET
  ☐ Reset User Data
  ☐ Reset System Data
  ☑ Remove License
                    Exec >
```

* If you have not imported or installed a Sound Pack, Wave Expansion
or Model Expansion, the "Remove License" check box is not shown.
* If you select the other check boxes besides the "Remove License"
check box and execute this operation, this initializes all of the
corresponding data. See "Returning to the Factory Settings (Factory
Reset)" in the JUNO-X Startup Guide for details.

5. Press the [►] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.
6. To execute, use the [- VALUE +] knob to select "OK",
and then press the [ENTER] (INIT) button.
"Completed. Turn off power" is shown on the display.
7. Turn the JUNO-X off.
This initializes the user license.
8. Follow the steps in "Installing the SH-101 Model
Expansion" (p. 4) to install the SH-101 Model
Expansion on the JUNO-X.

Error Messages

Indication – Action

USB Memory Not Ready!
The USB flash drive cannot be recognized. Make sure that
your USB flash drive is correctly inserted into the JUNO-X.

Expansion File Not Found!

This is shown when there is no Expansion file in the USB flash drive.
Make sure that the file has been correctly saved and that the file extension is ".exz".

Incorrect File!
This is shown when the selected file is not supported by the JUNO-X, or when the file is corrupted.
Check which instruments support the original download, and try downloading again.

Incorrect License! Please Remove License
This is shown when the SH-101 Model Expansion is currently linked to a different user license.
To install, provide a file that uses the same user license as the Expansion already installed, or initialize the user license.

Expansion Memory Full!
This is shown when there is not enough free memory to install an Expansion.
In this case, you can uninstall Model Expansions that are already installed to free up memory.

It has already been installed
This is shown when the SH-101 Model Expansion has already been installed.
You don't need to reinstall.

Using the SH-101 Model Expansion

Selecting a Tone

1. Press the [MODEL BANK] button.
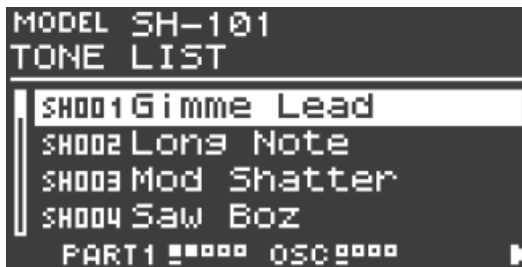The MODEL BANK top screen appears.

2. Use the [▲ SELECT ▼] knob to move the cursor to the model name/category name.
3. Use the [- VALUE +] knob to select "SH-101".
4. Use the [▲ SELECT ▼] knob to move the cursor to the

tone number.

5. Use the [- VALUE +] knob to select the tone.

MEMO

Move the cursor to the model name/category name or the tone
number and press the [ENTER] (INIT) button. The tone list appears.

```
MODEL SH-101
TONE LIST
 SH001Gimme Lead
 SH002Long Note
 SH003Mod Shatter
 SH004Saw Boz
  PART1 ■■□□□ OSC□□□□     ▶
```

6. Press the [ENTER] (INIT) button to select the tone.

Registering the SH-101 to a model bank

1. Hold down the [MODEL BANK] button and press a
model bank button ([1]–[16]).

2. Use the [▲ SELECT ▼] knob to move the cursor to "Attr".

3. Use the [- VALUE +] knob to select "MODEL".

4. Use the [▲ SELECT ▼] knob to select where to
register the SH-101.

5. Use the [- VALUE +] knob to select "SH-101".

6. If you want to save the setting, execute the System Write operation.

6-1. Hold down the [SHIFT] button and press the [MENU] (WRITE) button.
The WRITE MENU screen appears.

6-2. Use the [ÇSELECTÉ] knob to select "SYSTEM", and then press
the [ENTER] (INIT) button.

6-3. To execute, press the [ENTER] (INIT) button.

Selecting a SH-101 tone using the model bank

1. Press the [MODEL BANK] button.

   The MODEL BANK top screen appears.

   Use the [1]–[16] buttons to switch to tone select mode.

2. Select the model bank where you registered the

   SH-101 by pressing one of the [1]–[16] buttons.

   The tones for the SH-101 are shown.

   You can use the [- VALUE +] knob to select a tone on this screen as well.

3. Press the [ENTER] (INIT) button.

   A list of tones is shown.

4. Use the [- VALUE +] knob to select the tone.

   You can use the [▲ SELECT ▼] knob to select the tone quickly.

5. Press the [ENTER] button.

   The tone is now selected.

Parameter Guide

Controls on the JUNO-X and Their Associated Parameters

Section	Controller		Parameter	Destination or operation when used with the [SHIFT] button
PORTAMENTO	1	ON	Select PORTA ON	**SH-101 TONE EDIT:** PORTA MODE
	2	TIME	PORTA TIME	**SH-101 TONE EDIT:** PORTA TIME
LFO	3	PITCH	Select PITCH LFO	-
	4	FILTER	Select FILTER LFO	-
	5	TYPE	LFO WAVEFORM	**SH-101 TONE EDIT:** LFO WAVEFORM
	6	RATE	LFO RATE	**SH-101 TONE EDIT:** LFO RATE
	7	DEPTH	[If "PITCH LFO" is selected] OSC LFO MOD	**SH-101 TONE EDIT:** OSC LFO MOD
			[If "FILTER LFO" is selected] FILTER MOD	**SH-101 TONE EDIT:** FILTER MOD
OSC	8	PWM/MOD	PULSE WIDTH MOD	**SH-101 TONE EDIT:** PULSE WIDTH MOD
	9	⊓⊔	PW LEVEL	**SH-101 TONE EDIT:** PW LEVEL
	10	∕	SAW LEVEL	**SH-101 TONE EDIT:** SAW LEVEL
	11	SUB	SUB OSC LEVEL	**SH-101 TONE EDIT:** SUB OSC LEVEL
	12	NOISE	NOISE LEVEL	**SH-101 TONE EDIT:** NOISE LEVEL
	13	PITCH	OSC RANGE	**SH-101 TONE EDIT:** OSC RANGE
FILTER	14	[R]		
	15	[M]	Select FILTER TYPE	**SH-101 TONE EDIT:** VINTAGE FLT TYPE
	16	[S]		
	17	FREQ	CUTOFF	**SH-101 TONE EDIT:** CUTOFF
	18	RES	RESONANCE	**SH-101 TONE EDIT:** RESONANCE
	19	KYBD	FLT KEY FOLLOW	**SH-101 TONE EDIT:** FLT KEY FOLLOW
AMP	20	GATE	Select G-AMP	**SH-101 TONE EDIT:** AMP ENV SEL
	21	LEVEL	AMP LEVEL	**SH-101 TONE EDIT:** AMP LEVEL

Section	Controller		Parameter	Destination or operation when used with the [SHIFT] button
ENV	22	AMP	Select ENV F&A	-
	23	A	ENV ATTACK	SH-101 TONE EDIT: ENV ATTACK
	24	D	ENV DECAY	SH-101 TONE EDIT: ENV DECAY
	25	S	ENV SUSTAIN	SH-101 TONE EDIT: ENV SUSTAIN
	26	R	ENV RELEASE	SH-101 TONE EDIT: ENV RELEASE
	27	DEPTH	FLT ENV DEPTH	SH-101 TONE EDIT: FLT ENV DEPTH
PART/FUNC	28	MONO	Select SOLO	SH-101 TONE EDIT: KEY MODE
	29	UNISON	Select UNISON	SH-101 TONE EDIT: KEY MODE

Parameter Guide

TONE Parameters

TONE COMMON
SH-101

Parameter	Value	Explanation
(name)	Tone name	
Catg	CATEGORY	Selects the tone's category.

TONE
SH-101

Parameter	Value	Explanation	CC#
LFO RATE	0–1023	Specifies the speed of the LFO cycle.	29
LFO WAVEFORM	TRI, SQR, S&H	Specifies the LFO waveform.	
OSC LFO MOD	0–100	Adjusts the depth at which the LFO modulates the OSC.	26

OSC RANGE	16', 8', 4', 2'	Specifies the oscillator's octave.		47
PULSE WIDTH MOD	0–127	PW MODE = MANUAL Adjusts the pulse width value.		50
		PW MODE = LFO/ENV: Adjusts the depth of modulation.		
PW MODE	Specifies the pulse width mode.			
	LFO	The pulse width is affected by the LFO.		
	MANUAL	The pulse width is affected by PULSE WIDTH MOD.		
	ENV	The pulse width is affected by ENV.		
PW LEVEL	0–255	Adjusts the volume of the pulse wave.		16
SAW LEVEL	0–255	Adjusts the volume of the sawtooth wave.		17
SUB OSC LEVEL	0–255	Adjusts the volume of the sub oscillator.		18

SUB OSC	Specifies the SUB OSC type.		
	1OCT DN	One octave lower	
	2OCT DN1	Two octaves lower	
	2OCT DN2	Two octaves lower (small pulse width)	
NOISE LEVEL	0–255	Adjusts the noise volume.	19
VINTAGE FLT TYPE	R, M, S	Selects one of three response curves, each modeling the LPF of an analog synthesizer of the past.	108
CUTOFF	0–1023	Specifies the cutoff frequency of the low-pass filter. The frequency region above the cutoff frequency is cut, producing a more mellow tonal character.	3
RESONANCE	0–1023	Boosts the region of the filter's cutoff frequency. Higher values produce a stronger result, giving the sound a distinctively synthesizer-like character.	9
FLT ENV DEPTH	-1023–+1023	Adjusts the amount by which the cutoff frequency is controlled by the envelope.	81

FILTER MOD	0–100	Adjusts the amount by which the LFO modulates the cutoff frequency.	28
FLT KEY FOLLOW	0–200	Varies the filter's cutoff frequency according to the note played on the keyboard.	82
AMP ENV SEL	ENV F&A, G-AMP	Specifies whether the volume is controlled by the ENV (ENV F&A) or stays at a fixed volume as long as the key is held down (G-AMP).	
AMP LEVEL	0–127	Adjusts the volume of the tone.	110
ENV MODE	Specifies what causes the envelope to attack.		
	GATE+TRIG	Attack each time a key is pressed.	
	GATE	Attack when a key is pressed anew. No attack when playing legato.	
	LFO	Attack repeatedly at each cycle of the LFO as long as the key is held.	
ENV ATTACK	0–1023	Specifies the ENV Attack time.	89

Parameter	Value	Explanation	CC#
ENV DECAY	0–1023	Specifies the ENV Decay time.	90
ENV SUSTAIN	0–1023	Specifies the ENV Sustain level.	102
Parameter	Value	Explanation	CC#
ENV RELEASE	0–1023	Specifies the ENV Release time.	103
BEND PITCH	0–1500	Specifies the range of pitch change produced by pitch bend.	
BEND FILTER	0–63	Specifies the range of filter change produced by pitch bend.	14
MODULATION LFO	0–63	Specifies the amount of LFO applied by modulation.	
PORTA MODE	Turns portamento on/off. If this is on, the pitch will change smoothly from one note to the next-played note.		
	OFF	Regardless of the portamento time setting, portamento is not applied.	
	ON	Portamento is always applied.	

	AUTO	Portamento is applied only when you play legato (pressing the next key before completely releasing the previously-played key). This lets you use your playing technique to control portamento on/off.	
PORTA TIME	0–1023	Adjusts the time over which the portamento pitch change occurs.	5
PORTA CRV	Specifies the pitch change curve for portamento.		
	ORIGINAL	Change according to the original curve of the model.	
	LINEAR	Change in a linear curve.	
	EXP1	Change in a non-linear curve (gentle slope).	
	EXP2	Change in a non-linear curve (steep slope).	
KEY MODE	Specifies how notes are sounded.		119
	POLY	Polyphonic	
	SOLO	Monophonic	

	UNISON	Unison	
	SL-UNISON	Monophonic unison	
AFT LFO	-63–+63	Sets how much aftertouch changes the LFO intensity . ** This is only enabled for products with aftertouch.	
AFT FREQ	-63–+63	Sets how much aftertouch changes the lowpass filter intensity. ** This is only enabled for products with aftertouch.	
AFT LEVEL	-63–+63	Sets how much aftertouch changes the tone volume. ** This is only enabled for products with aftertouch.	
PITCH DRIFT	0–255	Adjusts the slight pitch drift that occurs when notes are played on an analog synthesizer.	
PARAM EXPANSION	OFF, ON	If this is "ON," the range of change for LFO RATE, CUTOFF, RESONANCE, and FILTER ENV DEPTH is wider than on the original model.	
CONDITION	0–100	Simulates the changes that occur as a unit ages.	

Sound List

Tone SH-101

No. Name Category MSB LSB PC
SH001 Gimme Lead 34:Synth Lead 97 70 1
SH002 Long Note 34:Synth Lead 97 70 2
SH003 Mod Shatter 34:Synth Lead 97 70 3
SH004 Saw Boz 34:Synth Lead 97 70 4
SH005 Fireflies 34:Synth Lead 97 70 5
SH006 T-Holiday 34:Synth Lead 97 70 6
SH007 Lazor Boy 34:Synth Lead 97 70 7
SH008 Throttle Lust 34:Synth Lead 97 70 8
SH009 Lizard King 34:Synth Lead 97 70 9
SH010 Blisters 34:Synth Lead 97 70 10
SH011 Pulse Leader 34:Synth Lead 97 70 11
SH012 Solo Sweet 34:Synth Lead 97 70 12
SH013 Porta Saw Lead 34:Synth Lead 97 70 13
SH014 PW+SubOSC Ld 34:Synth Lead 97 70 14
SH015 Porta Sqr Lead 34:Synth Lead 97 70 15
SH016 Sqr Atk Lead 34:Synth Lead 97 70 16
SH017 Calc Lead 34:Synth Lead 97 70 17
SH018 PWM LFO Lead 34:Synth Lead 97 70 18
SH019 PWM Env Lead 1 34:Synth Lead 97 70 19
SH020 PWM Env Lead 2 34:Synth Lead 97 70 20
SH021 Reso PW+Saw Ld 34:Synth Lead 97 70 21
SH022 Chiptune Lead 34:Synth Lead 97 70 22
SH023 Saw Flutter Ld 34:Synth Lead 97 70 23
SH024 Bit Crusher Lead 34:Synth Lead 97 70 24
SH025 Oct Bass 21:Synth Bass 97 70 25
SH026 Le Bass 21:Synth Bass 97 70 26
SH027 Cone Pleaser 21:Synth Bass 97 70 27
SH028 THAbass 21:Synth Bass 97 70 28
SH029 Reester Bass 21:Synth Bass 97 70 29
SH030 PWM PortaDrone 21:Synth Bass 97 70 30
SH031 Shlob Bass 21:Synth Bass 97 70 31
SH032 Choice Bass 21:Synth Bass 97 70 32
SH033 Shorty Enhancer 21:Synth Bass 97 70 33
SH034 Filter Env Bs 1 21:Synth Bass 97 70 34
SH035 PW+Saw Bass 21:Synth Bass 97 70 35
SH036 Slow FltEnv Bass 21:Synth Bass 97 70 36
SH037 Noise Bass 21:Synth Bass 97 70 37
SH038 Reso Bass 21:Synth Bass 97 70 38
SH039 Long Reso Bass 21:Synth Bass 97 70 39
SH040 Reso Sqr+Saw Bs 21:Synth Bass 97 70 40
SH041 Organ Bass 21:Synth Bass 97 70 41
SH042 Filter Env Bs 2 21:Synth Bass 97 70 42
SH043 Dark Bass 21:Synth Bass 97 70 43
SH044 SubOSC Soft Bass 21:Synth Bass 97 70 44
SH045 Delta Bass 21:Synth Bass 97 70 45
SH046 Punisher 21:Synth Bass 97 70 46
SH047 Ye Olde 101 21:Synth Bass 97 70 47
SH048 Porta Bass 21:Synth Bass 97 70 48
SH049 Seq Bass 21:Synth Bass 97 70 49
SH050 Reso Seq Bs 21:Synth Bass 97 70 50
SH051 Flanger Seq Bs 21:Synth Bass 97 70 51
SH052 Phaser Seq Bs 21:Synth Bass 97 70 52
SH053 Heady Flange 40:Synth Seq/Pop 97 70 53
SH054 Tape 101 40:Synth Seq/Pop 97 70 54
SH055 Moon Worm 42:Pulsating 97 70 55
SH056 Disto Shorty 40:Synth Seq/Pop 97 70 56

SH057 True Pluck 40:Synth Seq/Pop 97 70 57
SH058 Sqr Seq SH 40:Synth Seq/Pop 97 70 58
SH059 Reso Sqr Seq 40:Synth Seq/Pop 97 70 59

No. Name Category MSB LSB PC
SH060 PWM Pluck 40:Synth Seq/Pop 97 70 60
SH061 3Tap Dly Seq 40:Synth Seq/Pop 97 70 61
SH062 MultiTap Dly Seq 40:Synth Seq/Pop 97 70 62
SH063 Reso Bell 40:Synth Seq/Pop 97 70 63
SH064 This Old Game 36:Synth Pad/Str 97 70 64
SH065 Main Pull SH 36:Synth Pad/Str 97 70 65
SH066 Poly 101 1 36:Synth Pad/Str 97 70 66
SH067 Shuno Pad 36:Synth Pad/Str 97 70 67
SH068 Poly-101 2 36:Synth Pad/Str 97 70 68
SH069 Sharimba 36:Synth Pad/Str 97 70 69
SH070 Porto Bells 38:Synth PolyKey 97 70 70
SH071 Echo Pluck 38:Synth PolyKey 97 70 71
SH072 Shorty /Mod 38:Synth PolyKey 97 70 72
SH073 Suggestive… 38:Synth PolyKey 97 70 73
SH074 Star Message 42:Pulsating 97 70 74
SH075 rAnDOm Pads 42:Pulsating 97 70 75
SH076 Side Repeater 42:Pulsating 97 70 76
SH077 LFO 1/4 Trancer 42:Pulsating 97 70 77
SH078 Afterthought 42:Pulsating 97 70 78
SH079 Retro Cycle 42:Pulsating 97 70 79
SH080 Pulse Pad 42:Pulsating 97 70 80
SH081 Buzz Shorty 42:Pulsating 97 70 81
SH082 R2 Wheel 39:Synth FX 97 70 82
SH083 SelfOSC Kick 1 39:Synth FX 97 70 83
SH084 SelfOSC Kick 2 39:Synth FX 97 70 84
SH085 SelfOSC DistKick 39:Synth FX 97 70 85
SH086 SelfOSC Zap 39:Synth FX 97 70 86
SH087 SelfOSC Perc 39:Synth FX 97 70 87
SH088 SelfOSC LFO Perc 39:Synth FX 97 70 88
SH089 SelfOSC Sweep 39:Synth FX 97 70 89
SH090 SelfOSC Tone 39:Synth FX 97 70 90
SH091 SelfOSC Rnd FX 39:Synth FX 97 70 91
SH092 Noise Hit 1 39:Synth FX 97 70 92
SH093 Noise Hit 2 39:Synth FX 97 70 93
SH094 Noise Percussion 39:Synth FX 97 70 94
SH095 Sonar Noise 39:Synth FX 97 70 95
SH096 PhaserNoise /Mod 39:Synth FX 97 70 96
SH097 Solo Sweet MG 34:Synth Lead 97 70 97
SH098 Gimme Lead 2 34:Synth Lead 97 70 98
SH099 Choice Lead 34:Synth Lead 97 70 99
SH100 Shuno Bass 21:Synth Bass 97 70 100
SH101 Simple Pad 36:Synth Pad/Str 97 70 101
SH102 Pulse Pad-X 42:Pulsating 97 70 102

MIDI Parameter Address Map

For details, refer to "3. Parameter Address Map" in the "JUNO-X MIDI Implementation".

Documents / Resources

Roland SH-101 Model Expansion JUNO-X Programmable Polyphonic Synthesizer [pdf] User Guide

SH-101 Model Expansion JUNO-X Programmable Polyphonic Synthesizer, SH-101, Model Expansion JUNO-X Programmable Polyphonic Synthesizer, Programmable Polyphonic Synthesizer, Polyphonic Synthesizer, Synthesizer