reLOOP KEYPAD PRO Compact Daw Workstation with Wireless MIDI Instruction Manual

Contents

reLOOP KEYPAD PRO Compact Daw Workstation with Wireless MIDI

Product Specifications

- Product Name: Reloop Keypad Pro
- Features: Compact DAW Workstation with Wireless MIDI
- Power Source: USB or Battery-Powered (3x AA batteries)
- Connectivity: USB, Bluetooth LE, MIDI-Out
- Controls: Channel Control Section, Drum Pad Section, Keyboard Mode Section, Keys Section, Master Section

Product Usage Instructions

Safety Instructions

Before operating the Keypad Pro, carefully study all instructions. Ensure the device is undamaged before use. Do not operate if damage is detected; contact your dealer.

Getting Started

USB Operation (Bus-Powered)

To use USB operation, connect the Keypad Pro to your computer using the provided USB cable. Choose the correct USB cable based on your computer's port type. Set Operating Mode to USB (7.4).

Bluetooth LE Operation (Wireless MIDI/Battery-Powered)

For wireless MIDI operation, switch to Bluetooth LE mode. The Keypad Pro can also be battery-powered using 3x AA batteries.

MIDI-Out Function

Connect an analogue MIDI instrument to the MIDI-Out port using the supplied MIDI adapter cable.

Channel Control Section (Bitwig Mode)

The Channel Control Section allows for control in Bitwig mode.

DAW & Keyboard Operation

Note Input

Use the keyboard or drum pads to play notes. Keys and pads are velocity-sensitive. To disable velocity sensitivity, press the VEL button. Drum pads feature RGB LEDs reflecting DAW device status and support after-touch control.

Frequently Asked Questions

- **Q: How do I know if the Keypad Pro is damaged?**
  - A: Check for visible damage to the USB cable or casing before use. If damage is found, do not operate the device and contact your dealer.
- **Q: Can I use the Keypad Pro wirelessly?**
  - A: Yes, the Keypad Pro supports Bluetooth LE operation for wireless MIDI functionality.

ATTENTION!

For your own safety, please read this operation manual carefully before the initial operation! All persons involved in the installation, setting-up, operation, maintenance and service of this device must be appropriately qualifi ed and observe this operation manual in detail. This product complies with the requirements of the applicable European and national regulations. Conformity has been proven.The respective statements and documents are deposited at the manufacturer.

WARNING!

To prevent fi re or avoid an electric shock do not expose the device to water or fluids! Never open the housing

Before operating this equipment we ask you to carefully study and observe all instructions. Please remove the Keypad Pro from its packaging. Check before an initial operation to make sure that the device has not been visibly damaged during transport. If you detect any damage to the USB cable or the casing, do not operate the device. Contact your specialized dealer.

SAFETY INSTRUCTIONS

CAUTION! Please exercise particular caution when handling power voltage. This voltage rating may lead to a critical electrical shock! Any damage caused by the non-observance of this operation manual excludes any warranty claims. The manufacturer is not liable for any damage to property or for personal injury caused by improper handling or non-observance of the safety instructions.

- This device left the factory in perfect condition. To maintain this condition and to ensure a risk-free operation the user must observe the safety instructions and warnings contained in this operation manual.
- For reasons of safety and certification (CE) the unauthorized conversion and/or modification of the device is prohibited. Please note that in the event of damage caused by the manual modification to this device, any

warranty claims are excluded.

- The inside of the device does not contain any parts that require maintenance, with the exception of worn parts that can be exchanged from the outside. Qualified staff must carry out maintenance, otherwise, the warranty does not apply!
- Ensure that the power will only be supplied after the device has been fully set up. Always plug in the USB plug last.
- Only use cables that comply with regulations. Observe that all jacks and bushes are tightened and correctly hooked up. Refer to your dealer if you have any questions.
- Ensure that when setting up the product the USB cable is not squashed or damaged by sharp edges.
- Disconnect the device when not in use and before cleaning! Be sure to hold the USB plug by the body. Never pull the USB cord!
- Position the device on a horizontal and stable base.
- Avoid any concussions or violent impacts when installing or operating the device.
- When selecting the location of installation make sure that the device is not exposed to excessive heat, humidity, and dust. Be sure that no cables lie around openly. You will endanger your own safety and that of others!
- Do not rest any containers filled with liquid that could easily spill onto the device or its immediate vicinity. If, however, fluids should access the inside of the device, immediately disconnect the USB plug. Have the device checked by a qualified service technician before reuse. Damage caused by fluids inside the device is excluded from the warranty.
- Do not operate the device under extremely hot (in excess of 35° C) or extremely cold (below 5° C) conditions. Keep the device away from direct exposure to the sun and heat sources such as radiators, ovens, etc. (even during transport in a closed vehicle). Never cover the cooling fan or vents. Always ensure sufficient ventilation.
- The device must not be operated after being taken from a cold environment into a warm environment. The condensation caused at this moment may destroy your device. Do not switch on or operate the device until it has reached ambient temperature!
- Controls and switches should never be treated with spray-on cleaning agents and lubricants. This device should only be cleaned with a damp cloth. Never use solvents or cleaning fluids with a petroleum base for cleaning.
- When relocating, the device should be transported in its original packaging.
- At commercial facilities, the regulations for the prevention of accidents as stipulated by the organization of professional associations must be observed.
- At schools, training facilities, hobby and self-help workshops the operation of the device must be monitored with responsibility by trained staff.
- Keep this operation manual in a safe place for later reference in the event of questions or problems

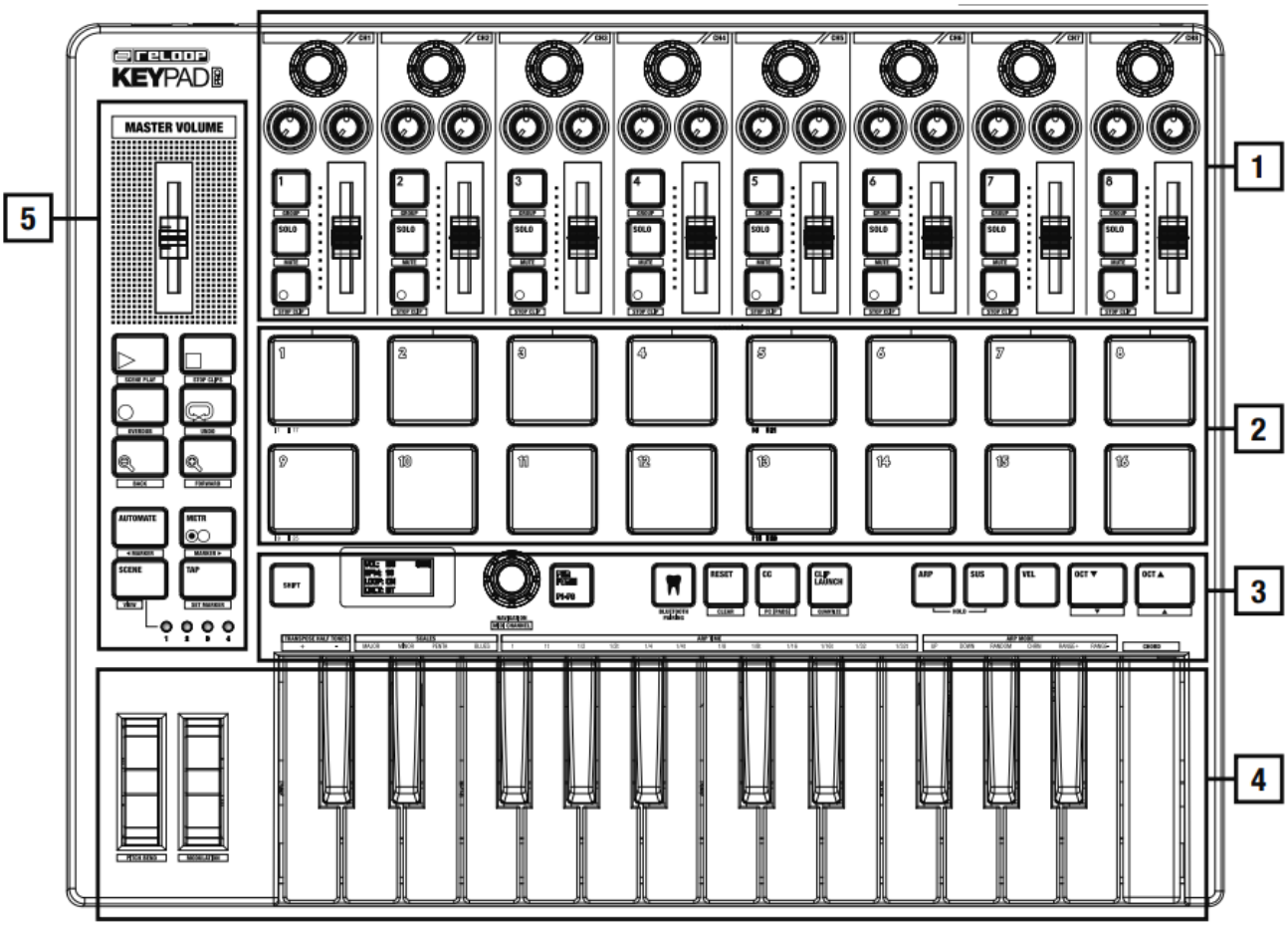
APPLICATION IN ACCORDANCE WITH REGULATIONS

- This device is a professional MIDI Keyboard for controlling DAW software. The device needs to be connected to a computer (USB) or a smart device (Wireless MIDI).
- If the device is used for other purposes than those described in the operation manual, damage can be caused to the product, leading to the exclusion of warranty rights. Moreover, any other application that does not comply with the specified purpose harbors risks such as short circuits, fires, electrical shocks, etc.
- The serial number determined by the manufacturer must never be removed to uphold the warranty rights.

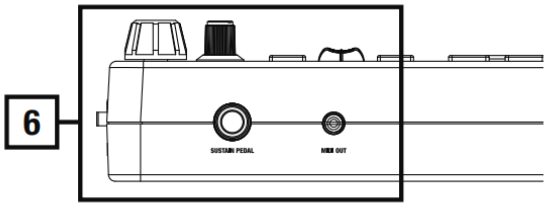
MAINTENANCE

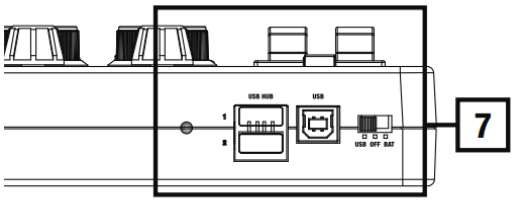
- Check the technical safety of the device regularly for damage to the USB cable or the casing, as well as for wear out of wear parts such as buttons and switches.
- If it is to be assumed that a safe operation is no longer feasible then the device must be disconnected and secured against accidental use. Always disconnect the USB cable from the outlet!
- Disconnect the USB cable from your computer.
- It must be assumed that a safe operation is no longer feasible if the device bears visible defects, if the device no longer functions, following longer storage under unfavorable conditions or after major transport stress.

CONTROLS

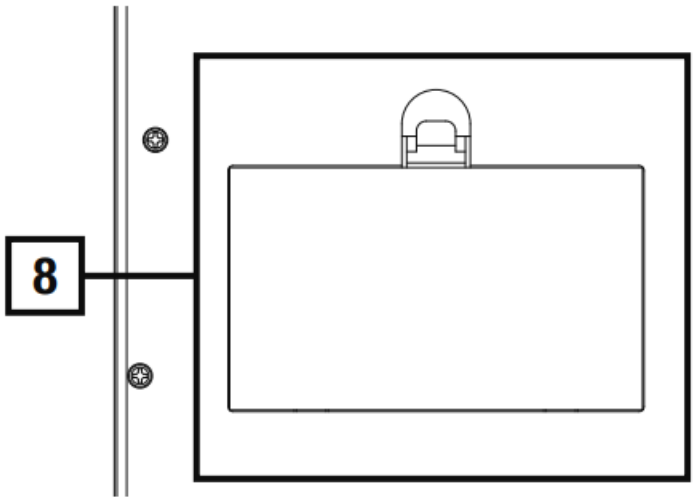


LEFT SIDE VIEW / REAR SIDE VIEW





BOTTOM SIDE VIEW

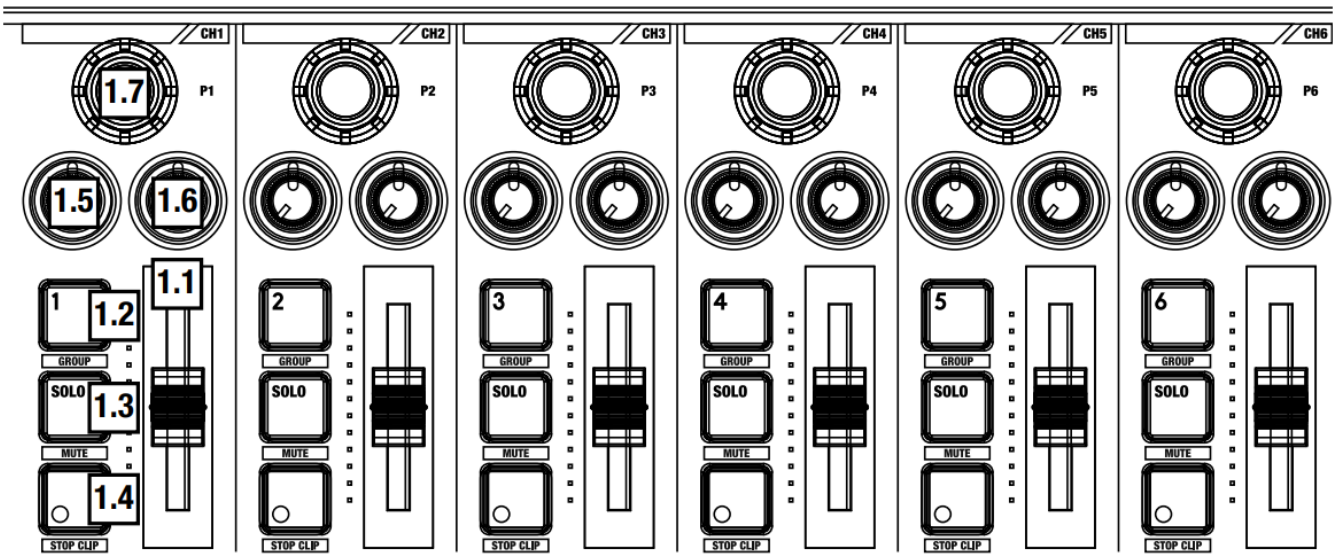


DESIGNATIONS

1. Channel Control Section
2. Drum Pad Section
3. Keyboard Mode Section
4. Keys Section
5. Master Section
6. Side Panel Connections
7. Rear Panel Connections
8. Battery Compartment (bottom panel)

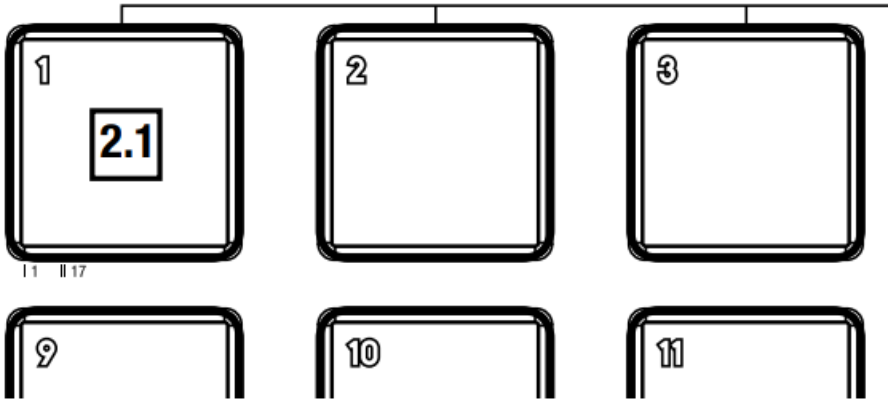
CHANNEL CONTROL SECTION

- 1.1 Channel Volume Fader
- 1.2 Channel Select
- 1.3 Channel Solo
- 1.4 Channel Rec
- 1.5 Channel Send 1
- 1.6 Channel Send 2
- 1.7 Channel Pan Encoder

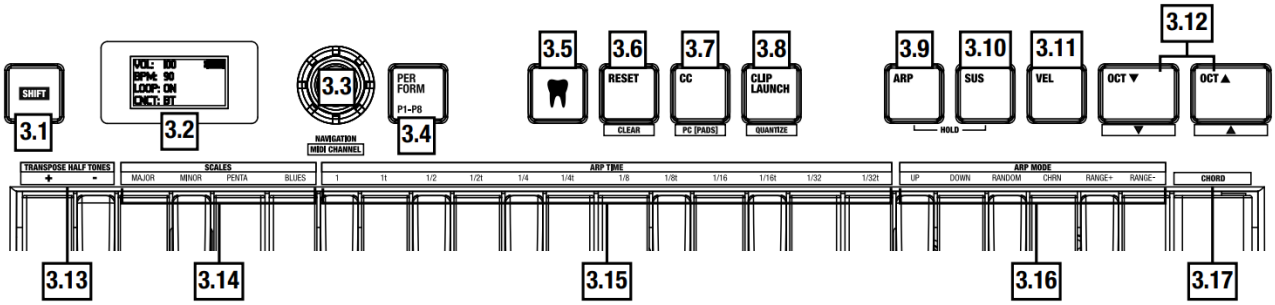


DRUM PAD SECTION

Drum Pads



KEYBOARD MODE SECTION

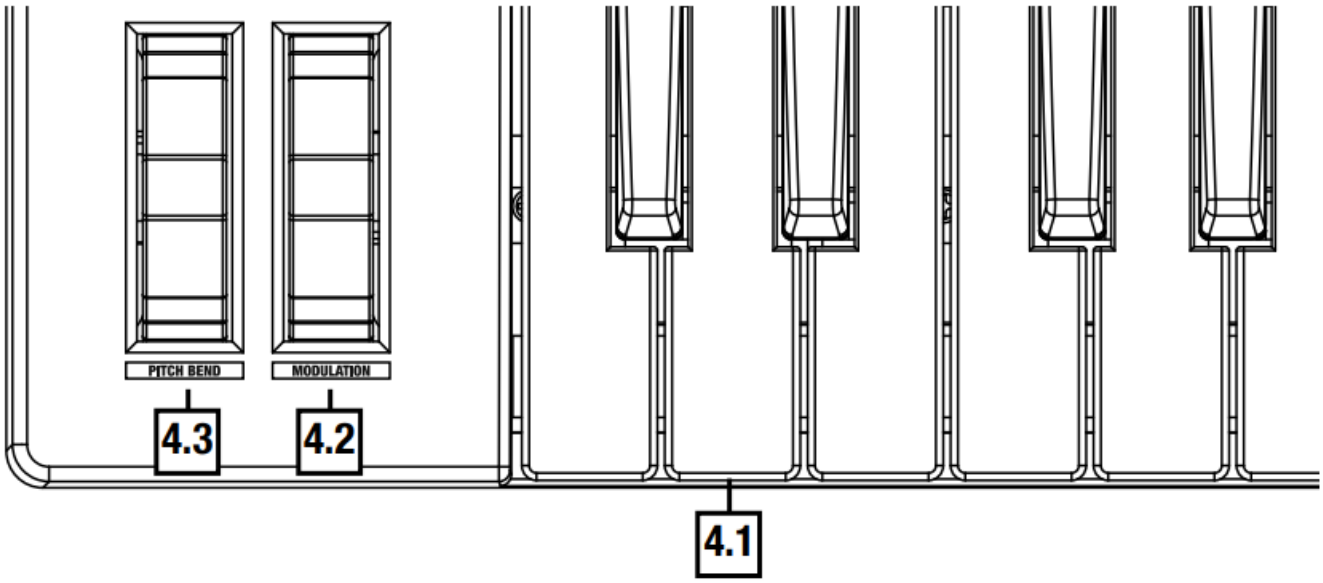


- 3.1 Shift
- 3.2 Display
- 3.3 Navigation Encoder
- 3.4 Perform
- 3.5 Bluetooth Pairing
- 3.6 Reset
- 3.7 CC
- 3.8 Clip Launch

- 3.9 Arpeggiator
- 3.10 Sustain
- 3.11 Velocity
- 3.12 Octave Down/Up
- 3.13 Transpose Halftones
- 3.14 Scales
- 3.15 Arp Time
- 3.16 Arp Mode
- 3.17 Chord

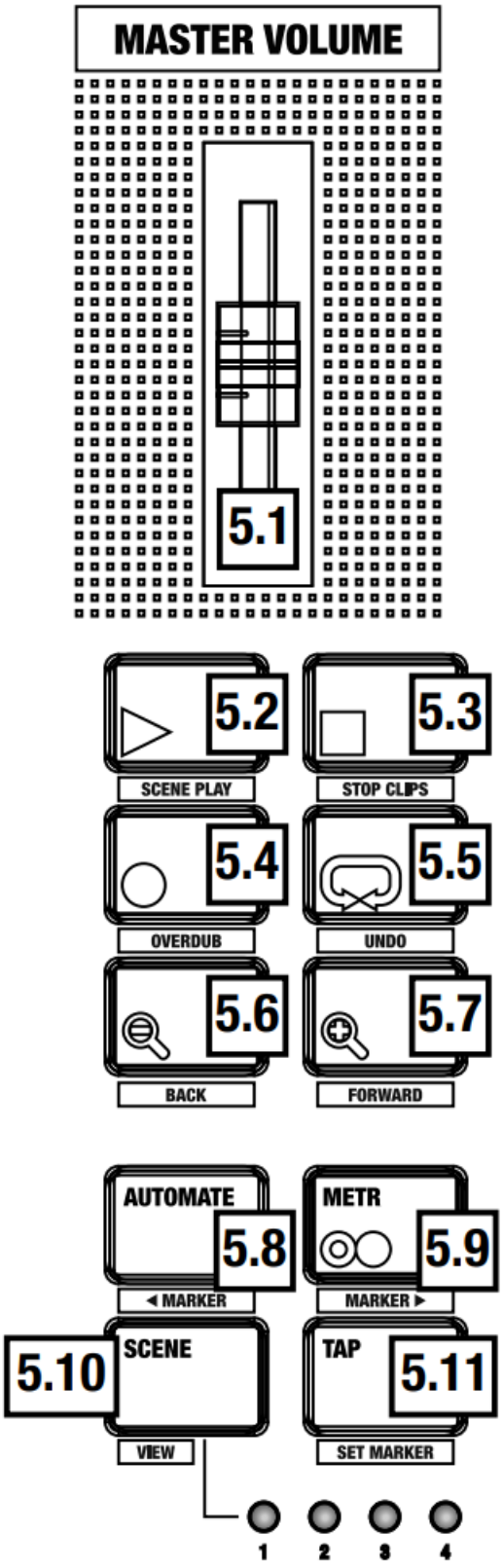
KEYS SECTION

- 4.1 Keys
- 4.2 Modulation
- 4.3 Pitch Bend



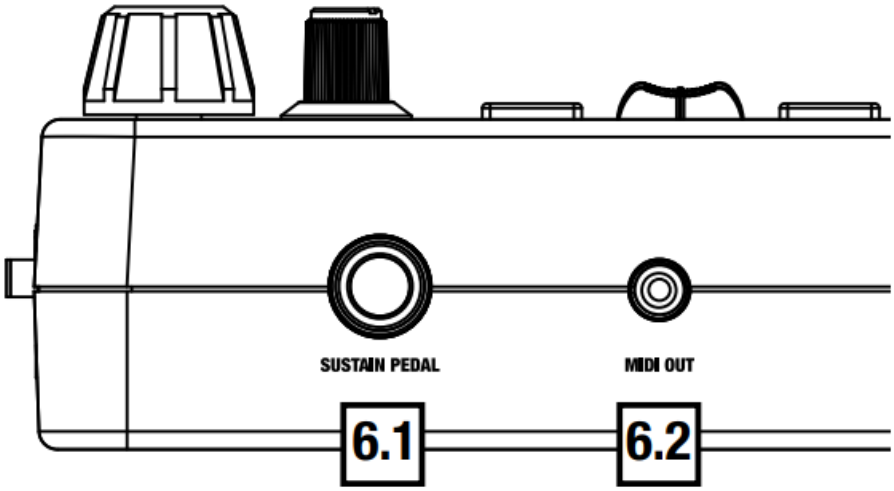
MASTER SECTION

- 5.1 Master Volume
- 5.2 Play
- 5.3 Stop
- 5.4 Rec
- 5.5 Loop
- 5.6 Zoom –
- 5.7 Zoom +
- 5.8 Automate
- 5.9 Metronome
- 5.10 Scene (+ Scene LEDs)
- 5.11 Tap



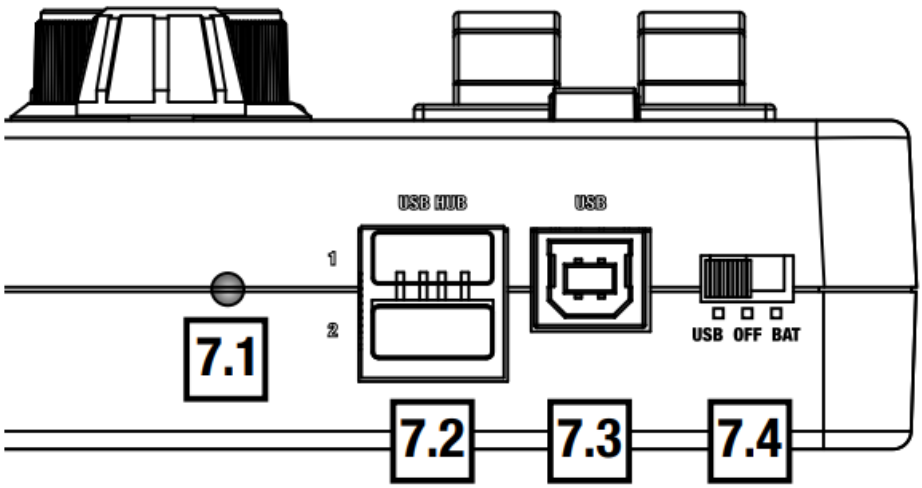
SIDE PANEL CONNECTIONS

- 6.1 Sustain Pedal
- 6.2 MIDI Out



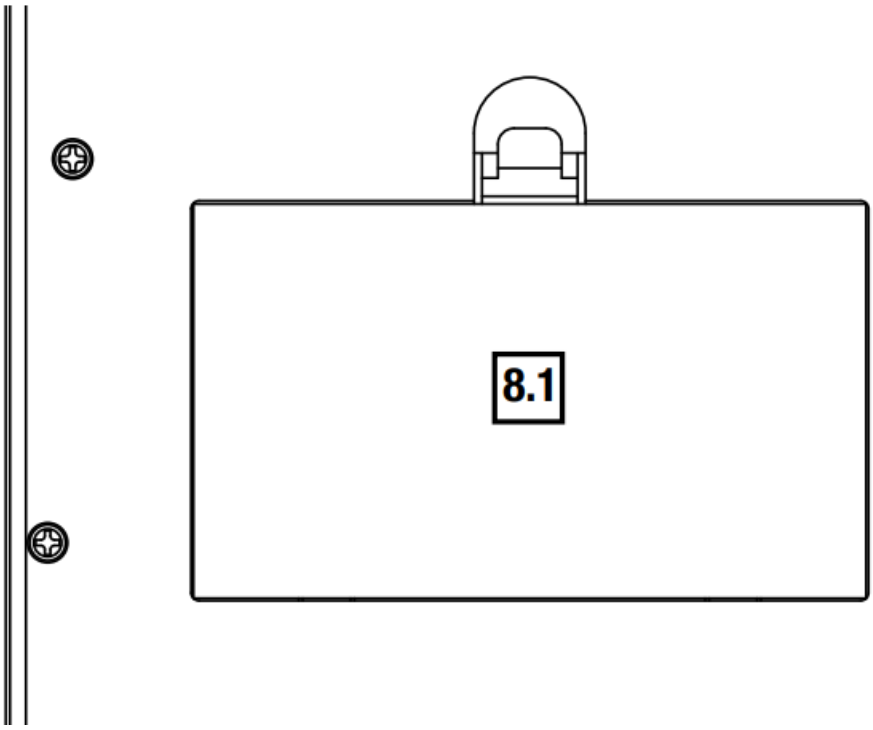
REAR PANEL CONNECTIONS

- 7.1 Power LED
- 7.2 USB Hub
- 7.3 USB-B Connection
- 7.4 Operation Mode (USB/Off/Battery Operation)



BOTTOM PANEL

- 8.1 Battery Compartment



GETTING STARTED

USB OPERATION (BUS-POWERED)

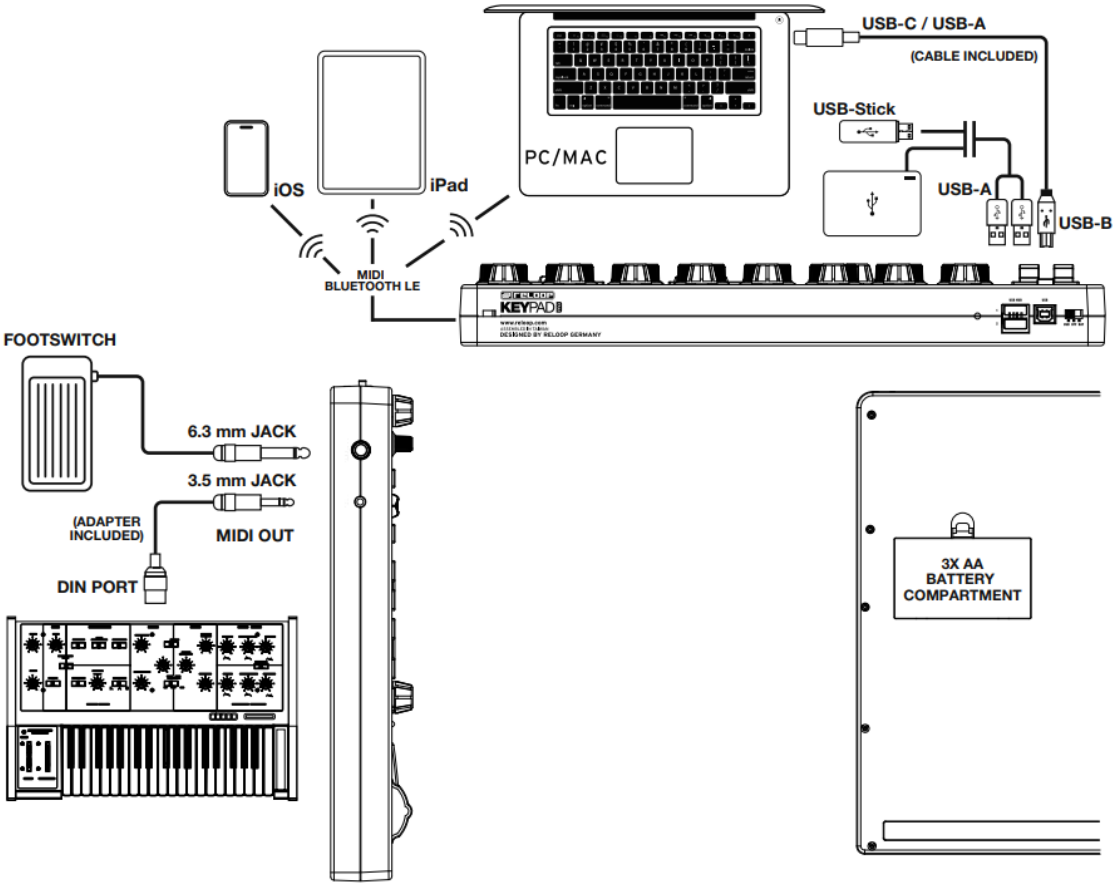
For USB operation, connect the Keypad Pro to your computer using the supplied USB cable. Two USB cables are included (USB-B to USB-C and USB-B to USB-A), depending on your connection port. Set the Operating Mode (7.4) to “USB”.

BLUETOOTH LE OPERATION (WIRELESS MIDI/BATTERY-POWERED)

- To operate the Keypad Pro in wireless mode, insert 3 x AA batteries (LR6, 1.5V) into the battery compartment (8.1).
- Set the Operating Mode to “Battery” (7.4).
- Press the Bluetooth Button (3.5) on your Keypad Pro. The Bluetooth LED will start flashing.
- Turn on Bluetooth on your smart device (smartphone/tablet). Note that the Keypad Pro will not be shown under your Bluetooth devices but only inside your DAWs settings.
- Open your preferred DAW (e.g., GarageBand).
- Open Settings, go to Bluetooth MIDI Devices and select “KEYPAD MIDI”.
- Once connected, the Bluetooth LED will light up continuously and the system is now ready for use.

MIDI-OUT FUNCTION

To connect an analog MIDI instrument (e.g. a synthesizer), connect the MIDI-Out port (6.2) to your external hardware using the supplied MIDI adapter cable.



CHANNEL CONTROL SECTION (BITWIG MODE)

1. CHANNEL VOLUME FADER

   Use the fader (1.1) to adjust the volume for each channel.
2. CHANNEL SELECT

   Selects the channel (1.2).
   - Shift+Channel (1.2) opens and closes a Group (if created).
3. CHANNEL SOLO

   Switches the selected channel to solo (1.3).
   - Shift+Channel Solo (1.3) mutes the selected Channel.
4. CHANNEL REC

   Activates the corresponding channel for recording (1.4).
   - Shift+Channel Rec (1.4) stops the selected clip.
5. SEND 1

   Controls the respective channel's send level (1.5) for Return 1.
6. SEND 2

   Controls the respective channel's send level (1.6) for return 2.
7. PAN

   Controls the panorama value for each channel (1.7). Press the Encoder to reset the Pan.
   - Hold Shift (3.1) and turn Pan (1.7) to fine-tune the panorama.

DAW & KEYBOARD OPERATION

The Bitwig serial is located on the bottom of your Keypad Pro.

NOTE INPUT

Use the keyboard (4.1) or pads (2.1) to play notes. The keys and pads are velocity-sensitive. To turn off velocity sensitivity, press the VEL button (3.11). The drum pads have RGB LEDs that reflect the current state of the DAW device. They are also capable of after-touch control.

CC AND PC INPUT

In addition to notes, the pads can also send CC and PC data. To send CC, press CC (3.7). To send PC, press Shift (3.1) and then press CC (3.7).

CLIP LAUNCH (BITWIG MODE)

When Clip Launch mode is on, you can trigger/record clips using the drum pads. In Clip Launch mode, the pads reflect the same color as the clips in Bitwig. You can select a scene by turning the Navigation Encoder (3.3) and trigger the scene by pressing the Encoder (3.3). Alternatively, hold Shift (3.1) and press Scene Play (5.2) to trigger an entire scene. Stop individual clips by holding Shift (3.1) and pressing Stop Clip (1.4).

PERFORM (BITWIG MODE)

When Perform mode (3.4) is activated, the eight Pan Encoders (1.7) can be used to control specific shortcut parameters for the selected plug-in.
By holding down Perform (3.4) and pressing the lower row of pads, you can select the various parameter pages (if available). Alternatively, you can hold Perform (3.4) and turn the Encoder (3.3) to scroll through the parameter pages. To select and control the shortcut parameters of a device in the track chain, hold Perform (3.4) and select one of the top row pads (2.1). The color of the pads indicates the device type:

- Blue = Note Effect
- Green = Instrument
- Orange = Audio Effect

ARPEGGIATOR

Activate the internal arpeggiator using the ARP button (3.9). To hold notes without pressing a key, activate Sustain (3.10). Hold Shift (3.1) and use the keyboard to select an ARP time (3.15) to change the rhythmic resolution of the notes. Hold Shift (3.1) and use the keyboard to select an ARP mode (3.16) to change the sequence of the notes. You can set the tempo manually by tapping TAP (5.11).

CHORD MODE

Hold down the Shift (3.1) and Chord (3.17) keys on the keyboard to activate Chord mode. When Chord mode is activated, a chord is played by pressing a single key. The chords are arranged on the keyboard as follows:

NOTES:	CHORDS:
C(-1)-H(-1)	minor 4
C0-H0	minor 9
C1-H1	minor 6
C2-H2	minor 7
C3-H3	minor
C4-H4	major
C5-H5	major 7
C6-H6	major 6
C7-H7	major 9
C8-H8	major 4

To change the scale of a chord, hold down the Shift (3.1) key and select a scale using the keys (3.14).

SCALE

Press Shift (3.1) and one of the Scales (3.14) on the keyboard to activate Scale mode. Four different modes are available: major, minor, penta and blues. When scale mode is activated, only notes that match the selected scale will be played. To reset this mode, press Reset (3.6).

TRANSPOSE

To transpose the keyboard by one semitone up or down, press Shift (3.1) and use Transpose Halftones (3.13) on the keyboard. Repeat this step to transpose the keyboard up or down by several semitones. To reset this mode, press Reset (3.6).

SUSTAIN

Pressing and holding the Sustain button (3.10) sends the sustain MIDI command. Plug-ins that support this format will now fade out the played note over time (similar to a sustain pedal on a piano). You can also connect a physical sustain pedal via the sustain pedal connection (6.1) on the side panel.

VELOCITY

By default, the Velocity button (3.11) is enabled and the keys and drum pads are velocity sensitive. To deactivate velocity sensitivity, press the Velocity button (3.11). All notes will now be played at maximum velocity, regardless of how the keys are pressed.

OCTAVE UP/DOWN

The keys (3.12) can be used to transpose the keyboard one octave up or down. The corresponding octave button lights up brighter for each octave until the default range is reached again. Within the default octave, the LEDs are off. The Octave buttons do not affect the pads.

- Shift+Oct up/down moves the grid up and down inside a drum rack plug-in (Bitwig Mode).
- Press Reset (3.6) to return to the default octave

PITCH BEND / MODULATION WHEEL

You can control Pitch Bend (4.3) and Modulation (4.2) with the corresponding wheels on the keyboard.

RESET

Pressing the Reset button (3.6) resets all internal keyboard modes.

- Shift+Reset (Bitwig Mode): Holding down the Shift (3.1) key and pressing Clear (3.6) deletes the notes within a clip without deleting the clip itself.

DISPLAY

The OLED display (3.2) provides real-time information on various parameters. Depending on the connected DAW (e.g. Bitwig), the display will also show specific parameter and device information.

MASTER SECTION (BITWIG-MODUS)

1. MASTER VOLUME
   Controls the master volume (5.1).
2. PLAY
   Starts DAW playback (5.2).
   – Shift+Play starts playback of the selected scene.
3. STOP
   Stops DAW playback (5.3).
   – Shift+Stop stops clip playback.
4. REC
   Activates DAW recording (5.4).
   – Shift+Rec activates overdub.
5. LOOP
   Activates a loop in your DAW (5.5).
   – Shift+Loop (5.5) undoes the last action.
6. ZOOM –
   Zooms out of the Arrangement view (5.6).
   – Shift+Zoom – moves the grid backward.
7. ZOOM +
   Zooms in on the Arrangement view (5.7).
   – Shift+Zoom + moves the grid forwards.
8. AUTOMATE
   Enables automations (5.8).
   – Shift+Automate moves your playhead backward.
9. METR

Turns on the Metronome (5.9).

– Shift+Metr moves your playhead forward.

10. SCENE

    Press to select the scene (5.10). The LEDs indicate which eight channels are selected and therefore controlled by the channel section (1-8, 9-16, 17-24, 25-32).

11. TAP

    Tap to the beat to set the tempo (5.11).

    – Shift+Tap sets a marker.

MINIMUM SYSTEM REQUIREMENTS

For system requirements for your DAW software, please refer to the software manufacturer's specifications.

TECHNICAL SPECIFICATIONS

- Weight: …….. 1.723 kgs
- Dimensions (W x D x H): …….. 375 x 285 x 35 mm
- Note keys: …….. 25 (velocity sensitive)
- Pads: ……. 16 (velocity sensitive & after touch control)
- Dials: …….. 97
- Inputs/Outputs: …… 1x USB-B, 2x USB-A (Hub), 1x 6.3 mm Jack (Sustain Pedal),
    - …… 1x 3.5 mm Jack (MIDI Out), Bluetooth (wireless MIDI)
- Power Supply: …….. DC IN 5V / 250 mA
- Battery: ……. 3x AA (LR6 / 1.5V)

SCOPE OF DELIVERY

Reloop Keypad Pro, 1x USB-B to USB-C cable, 1x USB-B to USB-A cable, 1x 3.5mm jack to MIDI (DIN) adapter cable and instruction manual

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure condition without restriction

IC Warning Statement

ISED Canada Statement:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s).

Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure: This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.

IC Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

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- App Store is a service mark of Apple Inc.
- iOS is a trademark containing cisco trademark signs in the U.S. and other countries
- Windows is a registered trademark of Microsoft Corporation in the U.S. and other countries
- The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc.
- GarageBand is a trademark of Apple Inc., registered in the U.S. and other countries and regions.
- Bitwig Studio is a registered trademark of Bitwig GmbH, registered in the U.S. and other countries.

UK Distribution:

- Henley Designs Ltd.
- Unit B, Park 34, Collett

- OX11 7WB, Didcot, Oxfordshire, UK

Japanese Distribution:

- Portable MIDI Keyboard
- VOLTAGE DC 5 – 20V USB 2 – 3A
- Ginza Jujiya Co., Ltd.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. this device may not cause harmful Interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

- www.reloop.com

Documents / Resources

	reLOOP KEYPAD PRO Compact Daw Workstation with Wireless MIDI [pdf] Instruction Manual 244054, 2AR5R-244054, 2AR5R244054, KEYPAD PRO Compact Daw Workstation with Wireless MIDI, KEYPAD PRO, Compact Daw Workstation with Wireless MIDI, Daw Workstation with Wireless MIDI, Workstation with Wireless MIDI, Wireless MIDI, MIDI

References

- Reloop Welcome - Reloop
- User Manual