

EN

Reloop PTB-2 MIXER

Compact 2-channel DVS Mixer with Bluetooth

Operation Manual

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 qualified 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 fire or avoid an electric shock do not expose the device to water or fluids! Never open the housing! Keep information for further reference!

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Before operating this equipment we ask you to carefully study and observe all instructions. Please remove the PTB-2 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 power 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 which 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!
- The AC inlet acts as a disconnect device. Ensure that power is not applied until the unit is fully set up. Always connect the mains plug last. Ensure that the mains switch is in the OFF position when connecting the unit to the power supply.
- 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 power cable is not squashed or damaged by sharp edges.
- Disconnect the device when not in use and before cleaning! Be sure to hold the power plug by the body. Never pull the power cord!
- Position the device on a horizontal and stable base.
- Avoid any concussions or violent impact 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 power 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 mixing console which can regulate and mix low level audio signals. The device is thereby connected between a signal source and an audio amplifier or active speakers, respectively.
- 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 power 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 power cable from the outlet!
- 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.

[GRAFIK]

DESIGNATIONS

1. Gain
2. Treble
3. Bass
4. Filter
5. BT/AUX Volume
6. Main Volume
7. CUE Mix
8. Crossfader
9. Master LED
10. Bluetooth Pairing Button
11. Headphone CUE Button
12. On/Off
13. Power (USB-C)
14. Host Port (USB-C)
15. Channel A Input
16. Channel B Input

- 17. Main Output
- 18. Source Switch
- 19. Ground Terminal
- 20. Aux In
- 21. Rec Out
- 22. CUE Vol
- 23. Crossfader Curve
- 24. 3.5 mm Headphone Output
- 25. CF Reverse
- 26. Host Source Switch

CONNECTION

1. Connecting Audio Sources

- Line-Level Devices (CD-Player, media players): Connect to Channel A (15) or Channel B (16) RCA inputs on the rear panel. Set the source switch (18) to line.
- Turntables: Connect RCA output to Channel A (15) or B (16) input and attach ground wire to the Ground Terminal (19). Set the source switch (18) to phono.
- Aux Device (e.g. phone): Connect to the 3.5 mm Aux Input (20) on the rear panel.
- Bluetooth Device: Use the Bluetooth Button (10) to enter pairing mode and connect your PTB-2 wirelessly via Bluetooth to an external playback device. Upon successful connection, the Bluetooth Button (10) will be permanently lit.

2. Output Connections

- Main Output: Connect RCA output (17) to powered speakers, mixer, or amp.
- Headphones: Plug into the 3.5 mm Headphone Output (23) on the front panel.
- Recording Output: Use the 3.5 mm Record Out (21) to capture your mix externally.

3. Connecting to a Host (Computer, mobile device) / Power

- Connect a USB-C to USB-C cable from the USB-C Host Port (14) to your computer or mobile device. Set the host source switch (26) according to the connected device.

Note: To connect an iOS device with a Lightning port, a certified Lightning-to-USB adapter is required.

- Connect a power supply to the USB-C Power port (13). For portable use a power bank can be connected (ensure sufficient output; e.g.: 5V 3A).

Note: The PTB-2 does not provide power delivery for laptops. Please ensure your laptop is powered using its own charger when in use. The mixer can charge mobile devices such as smartphones or tablets via USB-C, depending on your power source. Charging speed may vary depending on the power supply used.

SETUP EXAMPLE

[GRAFIK]

OPERATION

1. Channel Controls (A & B)

- Gain (1): Adjusts input level of the channel.
- Treble (2) & Bass (3): Controls higher and lower frequencies.
- Filter (4): Turn left for low-pass filtering and turn right for high-pass filtering. The filter is neutral in the center position.

2. Cueing Audio

- Cue Button (11): Push in to cue Channel B; push out to Cue Channel A.
- Cue Mix Knob (7): Turn left for full cue; turn right for full main. The signal is blended in the middle position.
- Cue Volume Knob (22): Controls headphone listening volume.

3. Crossfader (8)

- Blends between Channel A (left) and Channel B (right).
- Reverse Switch (25): Reverses A/B sides.
- Crossfader Curve Knob (23): Turn left for a smoother fade; turn right for a sharper cut.

This mixer is Innofader compatible. For installation and calibration, please refer to the documentation provided by Innofader.

4. Main Output

- Main Volume (6): Controls overall output level to Main RCA Output.
- Master LED Meter (9): Visual reference for output level. Avoid consistent red peak levels to prevent distortion.

5. BT/Aux Volume (5)

- Controls the volume of audio coming from either the Bluetooth input or the rear 3.5 mm Aux input (20).

6. DVS

- Connect the PTB-2 to your host device via USB-C. The mixer acts as an audio interface, transmitting timecode signals from your playback device to your DJ software.
- Timecode vinyl or timecode CDs are needed, depending on your playback device. These are special media that contain a control tone recognized by your DVS software to manipulate digital files.

Note: When using DVS, it is crucial that your playback device (turntable, CD- or media player) outputs a line-level signal to the PTB-2.

TECHNICAL DATA

Power Supply:

Power Consumption:

Frequency Response:

Inputs:

Outputs:

Dimensions (W x D x H):Weight:

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.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

ISED Canada Statement:

This device contains licence-exempt transmitter(s)/receiver(s)/ that comply with Innovation Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) this device may not cause interference and
- 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; To maintain compliance with IC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Déclaration de l'ISED Canada :

Cet appareil contient des tasmittre (s) / récepteur (s) sans licence / conformes à l'innovationRSS exemptes de licence de Sciences et Développement économique Canada. L'opération est sous réserve des deux conditions suivantes :

- 1) cet appareil ne peut pas causer d'interférences et
- 2) cet dispositif doit accepter toute interférence, y compris peut provoquer le fonctionnement indésirable de l'appareil.

Exposition aux rayonnements : Cet équipement est conforme aux

radiations du Canada limites d'exposition pour un environnement incontrôlé noncé d'exposition RF Pour maintenir le respect des guides d'exposition RF d'IC, cquipment doit être installé et actionné avec une distance minimale de 20cm le radiateur de votre corps. Cet appareil et

ses antennes ne doivent pas être co-localisé ou en opération en conjonction avec toute autre antenne ou émetteur.