

## Mini4 / Mini6 USB Mixer



## User Manual

Thank you for choosing this product. To ensure that you are completely satisfied with this product, please read and understand this manual carefully.



## PLEASE READ CAREFULLY

Please keep this manual in a safe place for future reference. Hand over all documents when passing on the product to third parties. Never leave children unattended with the packaging material. For products packed in plastic bags, there is a risk of suffocation from packaging materials. The product should only be used under adult supervision. Only use the product if it is in perfect condition. Do not use the product if damage is visible or suspected. We are not liable for any damage that occurs as a result of non-observance of the safety instructions or incorrect or improper handling.



Follow the operating instructions!



**WARNING**

The **WARNING** signal word identifies hazards that, without precautions, could result in serious injury.



**NOTE**

The signal word **NOTE** indicates general precautions that should be observed when handling the product



**NOTE**

Images and screen images in this manual may differ slightly from the actual product's appearance, as long as it does not adversely affect the technical characteristics and safety of the product.



**NOTE**

All personal phrasing in this manual should be considered gender neutral.

This operating manual applies to responsible users and to persons who have been supervised or instructed in the operation of the device by a person responsible for their safety and who have proven that they are capable of handling the device.



**WARNING**

**Children should be supervised to ensure that they do not use this device as a toy.  
Never allow children to play unattended with the packaging material.**



**WARNING**

**Risk of damage to property! We are not liable for accidents that occur as a result of non-observance of the safety instructions or incorrect handling.**

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 **WARNING**

**Caution**

Please observe the following basic instructions in order not to endanger yourself or others and to avoid damage to external devices.

 **NOTE**

**Warnings**

Do not disassemble or modify the product. This could result in injury from electric shock. If you notice that the power cord shows obvious signs of wear, the appliance is malfunctioning, smells burnt or smokes, immediately unplug the appliance from the wall outlet and refer servicing, maintenance or repair to an authorised service centre or your dealer.

Before cleaning the product, you should turn it off and disconnect it from the power supply. Always place the product on a flat, stable surface to ensure a secure stand.

Do not use the product in a damp or wet environment.

Do not place containers filled with liquids, such as vases, glasses or bottles, on the product.

Do not place small objects on top of it that could slide in, such as hairpins, sewing needles or coins.

 **NOTE**

**Precautions**

To avoid damage to the product, do not place it in places with high temperatures or a lot of dust, do not place it directly next to an air conditioner and avoid direct sunlight.

Do not place the article near other electrical equipment to avoid interference.

Do not use force when handling the product or place heavy objects on it.

Disconnect the power supply if you are not going to use the device for a longer period of time. To disconnect the power, pull the plug, not the cable.

Please handle the power cable with care. It should not be near radiators, do not place heavy objects on it and lay it in such a way that no persons can step on it or fall over it.

 **WARNING**

**Mains voltage**

If an external power supply unit is required for use, connect it to an outlet with the correct voltage.

Do not connect the device to a different mains voltage than that for which your product is intended.

Unplug the power cord from the wall outlet when not using the product or when there is a thunderstorm.

 **NOTE**

**Place**

Do not expose the product to the following conditions to avoid deformation, discoloration or major damage:

Direct sunlight, extreme temperature or humidity, excessively dusty or dirty place, strong vibrations or shocks, strong magnetic fields

 **NOTE**

**Cleaning**

Clean the product only with a soft, dry cloth. Do not use paint thinner, solvents, cleaning fluids or chemically impregnated wipes.

 **NOTE**

**Handling**

Do not exert excessive force on operating elements such as switches, knobs, buttons, and fastening screws.

Do not insert any paper, metal or other objects inside. If this happens, unplug the AC adapter/power cord from the wall outlet. Have the product checked by qualified service personnel.

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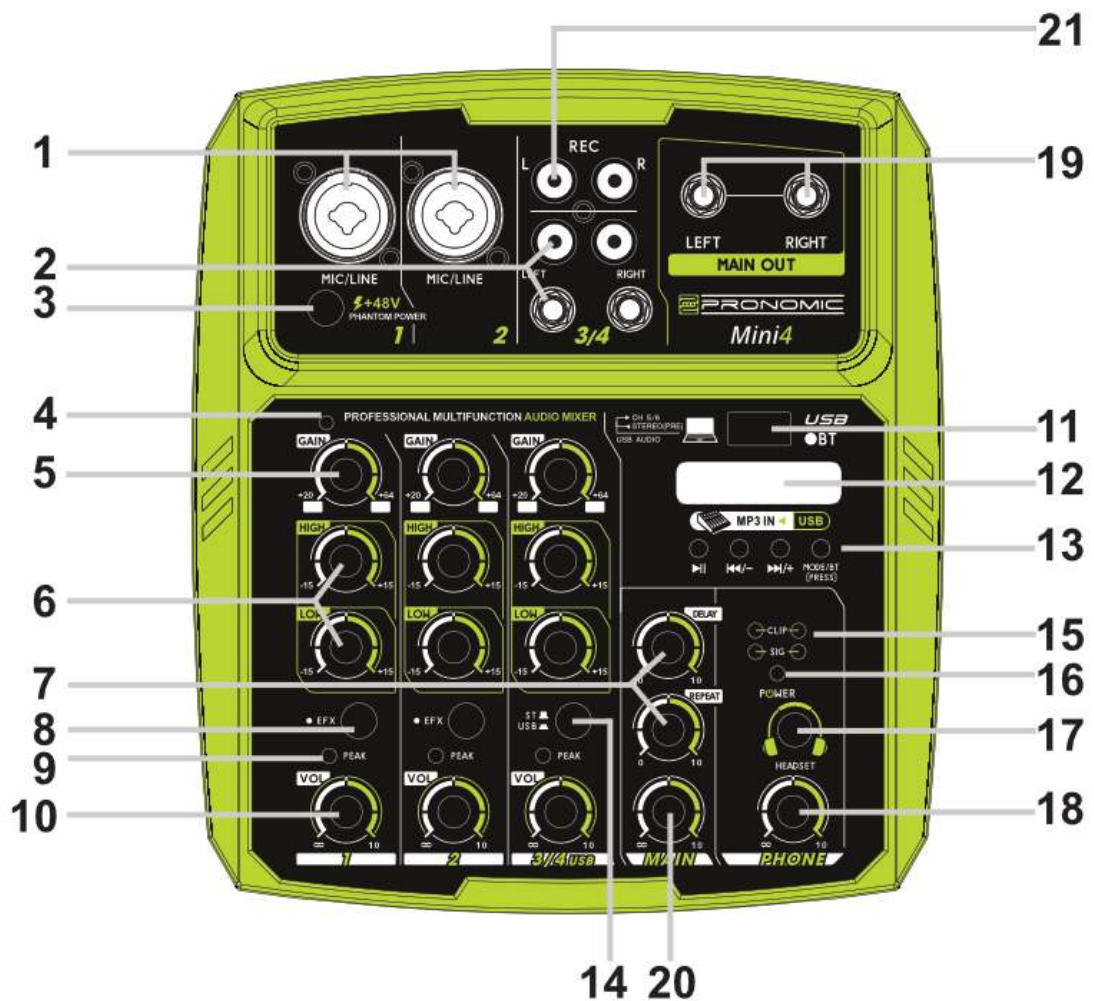
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# 1. Connections and controls

## Front panel connectors and controls



### 1 - Connection socket microphone line

This connector is designed as a combo jack. Both XLR microphone cables and 6.3mm jack cables/instrument cables can be connected to this jack.

### 2 - Connector sockets stereo channel

The connections of the stereo channel are designed as 6.3mm jack sockets and as RCA sockets. Since the input signals are processed together in a stereo bus, it is recommended to use either the jack or the RCA input for both signal paths to avoid unwanted volume differences.

### 3 - Phantom power switch

The microphone channels (Mini4 - channels 1 and 2 / Mini6 - channels 1 to 4) have optional phantom power. Press this button to activate +48V phantom power on the

XLR input of the combo jack and press the button again to deactivate phantom power.

It is advisable to activate phantom power only when the signal source (e.g. condenser microphone) requires it. Phantom power should be deactivated when plugging and unplugging the cable. To avoid noise caused by the switching pulse, it is advisable to turn the volume control of the mixing console to minimum before switching phantom power on and off.

#### **4 - LED phantom power**

This LED lights up when phantom power is activated.

#### **5 - Gain control**

This control determines the signal strength of the incoming signal. Turn the Gain knob clockwise to increase the signal strength and counterclockwise to decrease the signal strength. For the highest quality signal processing, it is recommended that the gain level be as high as possible. If the gain level is too high, the PEAK LED indicator for the respective channel will light up. In this case, reduce the gain level immediately. Please note that the PEAK LEDs should not light up during operation to avoid noise and damage.

#### **6 - Knob 2-band EQ**

Use the two EQ controls to adjust the treble and bass of the input signal. Turn the knob from the 12 o'clock position to the left to decrease the value and to the right to increase the value.

#### **7 - Controller Effect Processor**

The two controls of the effect processor influence the strength and the sound of the integrated effect. The Repeat control adjusts the number of echo repeats, the Delay control adjusts the speed of the echo repeats. The signal strength of the echo effect added to the output signal cannot be changed.

#### **8 - EFX button**

Press this button to assign the Delay/Repeat effect to the respective channel.

#### **9 - PEAK LED**

The PEAK LED indicates when the signal strength in the respective channel is too high. Please note that the PEAK LED of a channel should not light up during operation to avoid noise and damage. Turn the gain control of the corresponding channel counterclockwise to decrease the signal strength.

#### **10 - Volume control of the respective channel strip**

Turn the Volume knob clockwise to increase the level of the respective channel. If the CLIP LED on the level meter lights up, the level is too high. Turn the knob counterclockwise to decrease the level. Please note that the CLIP LED of the stereo sum should not light up during operation to avoid noise and damage.

## **11 - USB device socket**

See 2. BT/USB Player/Recorder

## **12 - Display**

See 2. BT/USB Player/Recorder

## **13 - Control panel BT/USB player/recorder**

See 2. BT/USB Player/Recorder

## **14 - ST/USB button**

Press this button to switch the input signal of the stereo channel between the input jacks (jack/ RCA) and the USB/BT function.

## **15 - LEVEL meter**

This display informs about the signal status of the stereo sum. SIG signals the presence of a signal. CLIP warns of overdriving, too high signal level. Please note that the CLIP LEDs should not light up during operation, if possible, to avoid noise and damage.

## **16 - Headphone output**

Connect your headphones to this 3.5mm stereo output jack.

## **17 - LED operating display**

This LED indicates that the mixer is ready for operation.

## **18 - Headphone Out control**

Turn the Headphone Out knob clockwise to increase the stereo output signal from the headphone output. Please note that too high a volume on the headphones could damage your hearing. Turn the knob fully counterclockwise before plugging in the headphones and gently increase the volume to a comfortable level.

## **19 - Balanced MAIN-Out jacks**

Use these balanced 6.3 mm jack output sockets to tap the stereo output signal. From here you can route the signal e.g. to an amplifier system or to active loudspeakers.

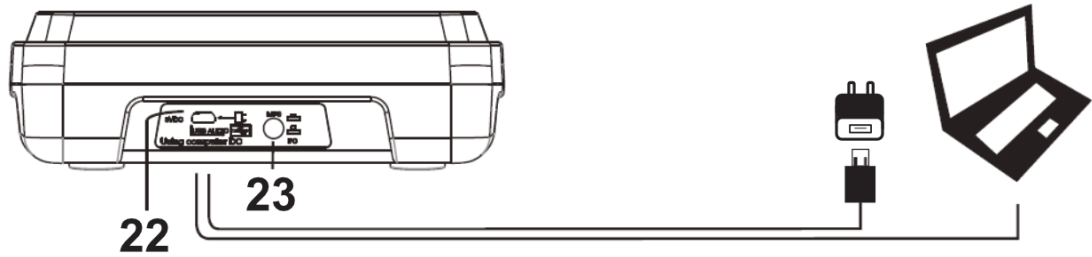
## **20 - MAIN-Out control**

Turn the MAIN-Out knob clockwise to increase the stereo output signal of the mixer.

## **21 - Recording Outputs**

Use these RCA output jacks to tap the stereo output signal. From here, you can forward the signal to a recording device, for example.

## Rear connectors and controls



### 22 Micro USB host socket

USB port for power supply (5V min.2A) and music data transfer between mixer and computer.

Connect the mixer to your computer and select it as input or output device in the settings of your sound card. No additional drivers are required.

Power can be supplied directly from the computer, or for stand-alone operation by a suitable USB power supply/powerbank (5V min.2A - not included).

Please note that using a power supply that is too weak (<2A) may result in malfunctions and power failures of the mixer and/or damage to the power supply used.

### 23 MP3 selector switch

This switch is used to select the signal source for MP3 playback.



MP3 playback from USB stick to USB device socket



MP3 playback from the MP3 player of the connected computer. Open a program for MP3 playback on your computer and control the playback via the control buttons of the MP3 player on the mixing console. The player sends control signals that can be processed by many common MP3 playback programs.

## 2. BT/USB player/recorder

### Basics

The output signal of the BT/USB player is routed to the stereo channel of the mixer. By switching the ST/USB selector switch in the channel strip, you decide whether the signal of the BT/USB player or the audio signal present at the input jacks of the stereo channel is audible.

### Operating elements



Short press - Pause/Play

Long press - direct recording (MP3) of the stereo sum on storage medium (USB stick) – Please recognize the notes in “Recording Mode USB”



Short print - upcoming title

Long press - decrease playback volume



Shorter print - subsequent title

Long press - increase playback volume



Short press - Switching the playback mode (LINE/BT/PC)

Long press - Loop playback (One/All)

### Player Mode USB

Insert a USB stick with MP3 data. Playback will start automatically.

### Recording Mode-USB

With the USB memory stick inserted, press and hold the Play/Pause/Rec button to start recording (MP3). You can pause the recording by pressing the Play/Pause/Rec button briefly and resume recording by pressing it again briefly.

To stop recording, press and hold the Play/Pause/Rec button.

NOTE: To be recognized by the USB unit, there must already be at least one mp3 file on the stick. It is not possible to do recordings on empty sticks.

NOTE: The MP3 selector switch on the back of the device must be pressed in order to allow to record to a USB stick.

Recording format: MP3 128Kbs bit rate

## **Bluetooth**

To establish a Bluetooth connection, press the MODE / BT button several times until BT flashes in the display. Make sure that the USB socket is not occupied by a memory stick. The Bluetooth name is MIX MP3-BT. If the audio connection is successful, the BT indicator lights up permanently.

## **Receive MP3 data from computer via USB cable**

Connect the mixer to a USB port on your computer via the MicroUSB socket on the rear panel. Make sure that the MP3 player's USB socket on the mixer is not occupied by a memory stick. To connect to the computer, press the MP3 selector switch on the back of the mixer to its relaxed position. "PC" appears in the display. Now you can play MP3s from the computer via the MP3 player on the mixing console. To do this, start your MP3 playback program on the computer.

## **3. Music data transfer between mixing console and computer**

The audio connection between the mixer's interface and a computer is plug-and-play.

Connect the mixer to a USB port on your computer via the MicroUSB socket on the rear panel. Select it as input or output device in the settings of your sound card. No additional drivers are required.

## **4. Appendix: technical data**

Model Mini4 / Mini6

Inputs	Mono (Mic/Line): 2 / 4 Stereo: 1
Outputs	MAIN L/R: 1 Phones: 1 Rec: 1
Phantom Power	Yes, +48V
Power supply	DC 5V, min.2A
Dimensions [mm]	175 / 230 x 62 x 193
Weight [kg]	0,52 / 0,75



# WEEE Declaration

## (Waste of Electrical and Electronic Equipment)

Your product has been designed and manufactured with high quality materials and components that can be recycled and reused.

This symbol means that electrical and electronic equipment must be disposed of separately from household waste at the end of its working life.

Please dispose of this device at your local municipal collection point or recycling center.

Please help to preserve the environment in which we live.



## SIMPLIFIED EU DECLARATION OF CONFORMITY

Musikhaus Kirstein GmbH hereby declares that the radio equipment type [Pronomic Mini4, Mini6], conforms to Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

[http://www.kirstein.de/docs/Konformitaetserklaerung/CE\\_Konformitaetserklaerung\\_00081557.pdf](http://www.kirstein.de/docs/Konformitaetserklaerung/CE_Konformitaetserklaerung_00081557.pdf)

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