

PHENYX PRO

PTX-10/PTX-10B

4-Channel 4-Input Home
Recording USB Mixer



PHENYX PRO®



www.phenyxusa.com | www.phenyxpro.com

OWNER'S MANUAL

Technical Support & Warranty Information

Our Warranty to you:

Phenyx Technology (“Phenyx”) warrants Phenyx products against evident defects in material and workmanship for a period of one year from the date of original purchase for use. This warranty is valid exclusively in the US and applies only to the original owner. If you discover a defect covered by this warranty, Phenyx will repair or replace the product at our sole discretion using new or refurbished components. Performance of repairs or replacements under this Warranty is subject to registration of your product at www.phenyxusa.com/registerproduct.

Product failures not covered by this warranty:

This warranty covers defects in manufacturing that arise from the correct use of the device. It is limited to defects in materials or workmanship and does not cover electrical or mechanical damage resulting from abuse, misuse, unauthorized modification, lack of reasonable care, extreme heat, cold, damage due to natural forces, or corrosive environments. This warranty does not cover the normal wear and tear on covers, housing, connectors, and accessories.

Limits of liability:

If your Phenyx product fails or does not perform as warranted, your sole recourse shall be to replace or repair it as described above. Phenyx will not be liable to you or anyone else for any damages that result from the failure of this product. These damages include, but are not limited to, the following: lost profits, lost savings, lost data, damage to other equipment, and incidental or consequential damages arising from the use of or inability to use this product. IN NO EVENT PHENYX SHALL BE LIABLE FOR MORE THAN THE AMOUNT OF YOUR PURCHASE PRICE, NOT TO EXCEED THE CURRENT LIST PRICE OF THE PRODUCT.

How to obtain service under this warranty:

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Please contact us at service@phenyxusa.com or support@phenyxpro.com with any questions or concerns about your products and a Phenyx Pro representative will contact you to provide assistance. You can also reach us through Facebook page <http://www.facebook.com/phenyxusa/>, our official website: www.phenyxusa.com, or our shopping website: www.phenyxpro.com.

Specifications

Input Channels:

- Mono (MIC/LINE): 1 including HEADSET MIC (Plug-in Power)
- Stereo (LINE): 1
- USB PLAYBACK: 1

Output Channels:

- MONITOR L/R OUT: 1 Stereo (LINE): 1
- PHONES: 2 including HEADSET PHONES

Bus:

- Stereo: 1

Input Channel Function:

CH1/MIC/LINE

- GAIN, -14 ---- +40Db
- PAD, 20dB
- +48V, Phantom Power, LED
- PEAK LED
- 3-Band EQ, 80Hz, 2.5KHz, 12KHz (+-15dB)
- FADER Level
- EFFECT, digital Echo (Delay, Level, Mute)

CH2 INST/LINE

- Impedance Switch
- Signal LED, -3dB
- Level Knob

CH3-CH4 LINE

- Signal LED, -3dB
- Level Knob

USB Audio

- Stereo Input/Stereo Output
- USB Audio Class 2.0 compliant
- Sampling Frequency: Max 48kHz, Bit Depth: 16-bit
- Type B connector
- Signal LED, playback, -3dB
- Playback Level Knob

Level Mixer

- 2x2 point LED meter (CLIP, SIG)

Power Requirement

- DC 5V, 500mA

Power Consumption

- Max, 2.5W

Thank you for purchasing the PHENYX PRO PTX-10 USB MIXER/ PTX-10B PHENYX PRO USB MIXER BUNDLE WITH HEADPHONE AND WIRED MIC.

Please read this manual carefully to ensure proper use and operation, and keep it for future reference. Please check the back of this manual for product serial number and register your product on our official website www.phenyxusa.com.

Table of Contents

4 System Description

- Box Contents For PTX-10
- Box Contents For PTX-10B
- System Overview

5 Operating Instruction

- Control Elements And Connectors
- Headphone
- Wired Mic
- Set Up

10 Specifications

11 Warranty Information & Technical Support



System Description

Box Contents For PTX-10

- 1 USB Mixer
- 1 Connecting Cable
- 1 AC/DC Adapter
- User's Manual

Box Contents For PTX-10B

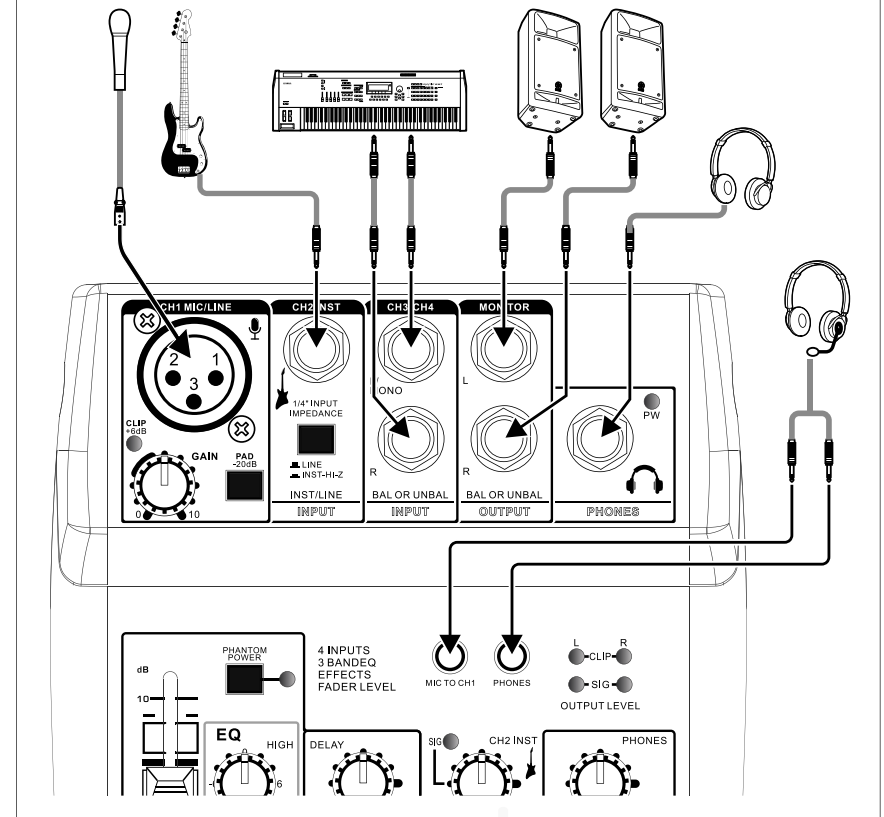
- 1 USB Mixer
- 1 Connecting Cable
- 1 AC/DC Adapter
- 1 Pro Stereo Headphone
- 1 Wired Microphone
- 1 XLR Cable
- User's Manual

System Overview

The PTX-10 is a 4-Channel 4-Input USB mixer that represents a milestone in the development of mixing console technology in home recording. Want to record a song via computer and Garageband? Get a solo gig at the local coffee shop? PTX-10 provides the features that can take your talent to the next level with professional quality and reliable performance. The mixing console includes phantom power as an option, balanced line inputs, XLR input, 3-band EQ, built-in effects, and USB to computer connection. It is optimally equipped for broadcast/ home recording use. The PTX-10B mixer platinum bundle also includes pro stereo headphone, wired microphone, and XLR cable to provide out-of-the-box music creation for live and studio application.

Set Up

- 1- AC Power In
Use the included cable and AC adapter or connect the device to computer using the USB port to supply power.
- 2- Audio Connection
You will need a large number of cables for different applications. See below.
Please use commercial RCA cables to connect the 2-track inputs and outputs.
You can, of course, also connect unbalanced devices to the balanced inputs/outputs.
To do this, use wither mono plugs or stereo plugs with the ring and sleeve bridged (pins 1 and 3 in the case of XLR connectors).
Never use unbalanced XLR connectors (PIN 1 and 3 connected) on the MIC input connectors when using the phantom power supply.

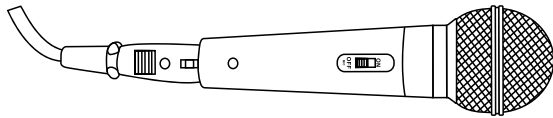


Headphone



Dynamic Stereo Headphone – Professional closed-back headphones, adjustable padded headband, studio-quality sound.

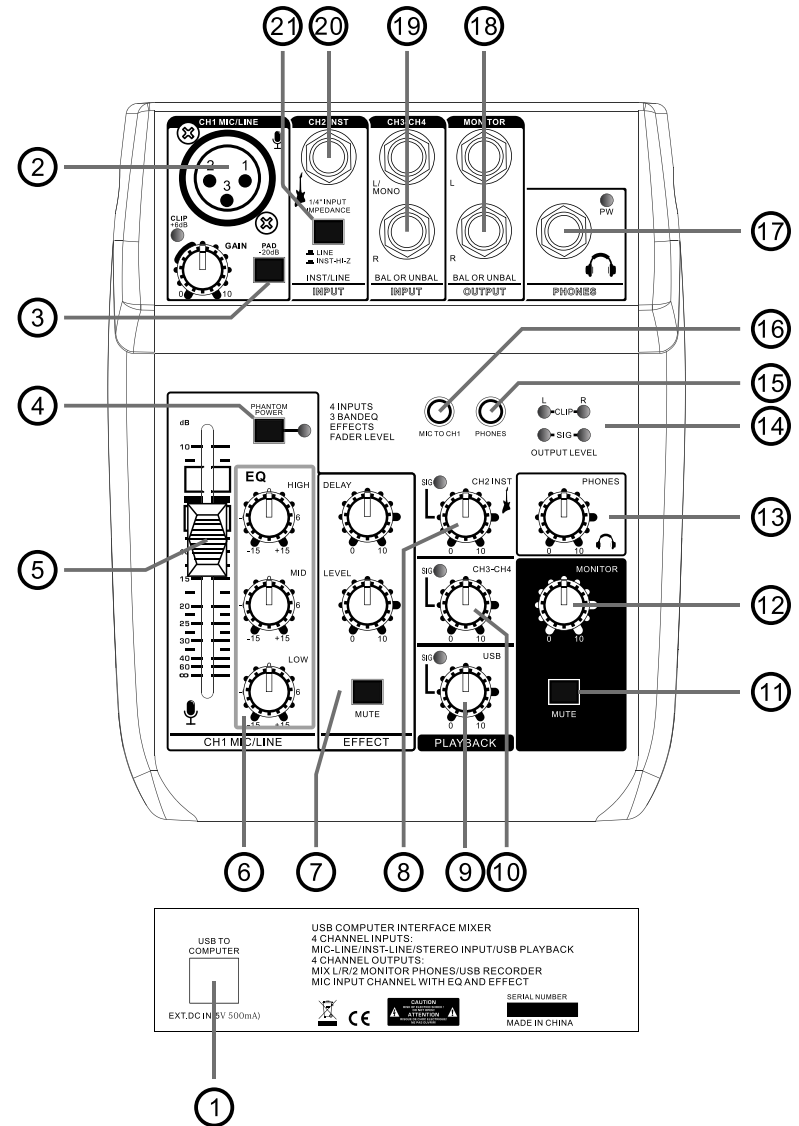
Wired Microphone



Professional Cardioid Dynamic Microphone – Captures professional quality audio in both live and studio applications (XLR cable is also included in the package)

Operating Instructions

Control Elements and Connector



Operating Instructions

Control Elements and Connector

① USB TO COMPUTER INPUT/OUTPUT

The PTX-10 mixer has built-in USB connectivity, allowing stereo signals to be sent between the mixer and computer. It also allows the computer to supply power to the mixer by connecting one end of the USB cable plug into the USB jack on the mixer, and the other end into a USB port on your computer.

② MIC/LINE INPUT JACK

Channel 1 (CH1) mic/line input jack offers a balanced microphone input via the XLR connector or a balanced line input on a 1/4" connector. Unbalanced devices (mono jacks) can also be connected to these inputs.

③ PAD SWITCH

When the microphone is overloading, the PAD button will cut the signal level going from the microphone to the mixer input by a 20dB.

④ +48V PHANTOM SWITCH/LED

The LED lights up when the phantom power supply is switched on. The phantom power supply is necessary for condenser microphones and is activated when using the Mic/Line input jack. The fader (5) should be adjusted to minimum, and monitors/PA loudspeakers should be muted before you activate the phantom power supply. After switching on, wait approximately one minute to allow the system to stabilize.

⑤ VOLUME FADER

Adjust the volume of the sound input from the microphone or other sources connected to CH1.

⑥ CH1 LOW/MID/HIGH 3-BAND EQ

A responsive, sensitive 3-band EQ adjusts CH1. The HIGH and LOW band respectively affects high frequencies above 12KHz and low frequencies below 80Hz. The MID band is a bell-shaped peak/dip filter, which affects the frequencies centering near 2.5KHz.

⑦ EFFECT SECTION

Built in high-quality digital effect processor to render effects on CH1.

DELAY: Adjust the time interval of echo repeat.

LEVEL: Adjust the volume of the effect that adds to CH1.

MUTE: Mute CH1 when pressed.

⑧ VOLUME KNOB FOR CH2

Adjust the volume of the sound input from guitar or other sources from to CH2.

⑨ VOLUME KNOB FOR CH3

Adjust the volume of the sound input from CH3/CH4.

⑩ VOLUME KNOB FOR USB

Adjust the volume of sound input from computer using USB connection. The sound input from computer via the USB connection can only be mixed to the monitor output and phones, and cannot be sent back to the computer for recording.

Operating Instructions

Control Elements and Connector

⑪ MONITOR OUTPUT MUTE

Mute the monitor output jack.

⑫ MONITOR OUTPUT VOLUME KNOB

Adjust the volume of monitor output jack.

⑬ HEADPHONE OUTPUT VOLUME KNOB

Adjust the volume of headphone output jack.

⑭ OUTPUT LEVEL METER

If the level of sound sent to the computer exceeds -3dBu, **SIG** (green) turns on; if the level reaches 3 dB before clip level (+6dBu), **CLIP** (red) turns on. To send an appropriate volume to the computer, adjust the volume of each channel until **SIG** remains lit and **CLIP** flashes only momentarily when there is a loud sound.

⑮ HEADSET INPUT JACK

⑯ MICROPHONE INPUT JACK

The audio input here is sent to CH1.

⑰ HEADPHONE OUTPUT JACK WITH PW LED

Connect to a set of stereo headphones to monitor the output sound of the entire device. The PW LED indicates that the mixer is power on.

⑱ MONITOR OUTPUT JACK

Balanced/Unbalanced 6.35 output jack connected to active speaker or power amplifiers.

⑲ CH3-CH4 6.35 LINE INPUT JACK

Used to connect audio devices such as electronic keyboards. For mono output audio device, the output plug can be inserted into the L channel input jack, which would automatically connect to the R input jack.

⑳ GUITAR INPUT JACK

For electric guitars or electric bass input. The jack is disabled when the **Guitar/Line switch** is off.

㉑ GUITAR/LINE SWITCH

For switch between different sources input to channel 2 (CH2). CH 2 can be connected directly to a high impedance source device such as electric guitar or electric bass when it is pressed. All output volume knobs should be positioned to "0" (minimum) to avoid sudden high-level peaks when operating this switch.