

PHENYX PRO®

PTX-20 | PTX-30

Phenyx Pro 6-Channel/8-Channel Audio Mixer
Sound Board System
Features Digital USB/BT Input
w/ 99 effects, USB Recording Function & Studio
Monitoring



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:

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.

Thank you for purchasing the PHENYX PRO PTX-20/PTX-30 Professional Audio Mixer. This manual includes a description of features and a step-by-step guide to operate the unit. Please read this manual carefully to ensure proper use and operation, and keep it for future reference.

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System Description

Box Contents

For PTX-20:

- 1 PTX-20 6-Channel Audio Mixer
- 1 AC/DC Adapter
- 1 User's Manual

For PTX-30:

- 1 PTX-30 8-Channel Audio Mixer
- 1 AC/DC Adapter
- 1 User's Manual

System Overview

The PTX-20/PTX-30 is a 6-Channel/8-Channel Professional Studio Mixer that aims to cater all your mixing requirements. No matter what your audio mixing needs, the Phenyx Pro PTX-20/PTX-30 mixing console provides the performance and features that can take your talent to the next level.

This studio mixer is equipped with the following features to offer professional sound quality and flexible personal mix:

- 6/8 Mono input channels with gold plated XLR and balanced line inputs
- Ultra-low noise discrete mic preamps with +48V phantom power
- Balanced inputs for high signal integrity
- Extremely high headroom to offer more dynamic range
- 3-Band EQ on all channels with built in 99 digital special effects
- USB TO PC/FLASH READER/MP3 compatibility, along with BT wireless streaming function, which enables users to stream music tunes from iPad, iPhone, and Android smart phone
- USB Recording function to record music with devices like computer, PC, and MP3, ideal for various occasions from professional performance to at-home gigs.

SPECIFICATIONS

• Mono Inputs

Mic input	Electronically balanced, discrete input configuration
Bandwidth	10Hz to 60kHz \pm 3dB
Distortion(THD&N)	0.01% at 4 dBu, 1kHz, Bandwidth 80 kHz
TRIM range	+10dB to +60dB
Line Input	Electronically balanced
Bandwidth	10Hz to 60kHz \pm 3dB
Distortion(THD & N)	0.01% at 4dBu, 1kHz, Bandwidth 80kHz
Line level range	+10dBu to -40 dBu

• Equalization

Hi Shelving	12kHz +/- 15dB
Mid Range	2.5kHz +/- 15dB
Lo Shelving	80Hz +/- 15dB

• Master Mix Section

Max Output	+22 dBu balanced
Aux Send Max Out	+22 dBu unbalanced
Control Room Out	+22 dBu unbalanced
Signal-To-Noise Ratio	112 dB, all channel at Unity Gain

• Power Supply

Mains Voltages	USA/Canada, -120V AC, 60Hz
	U.K./Australia, -240V AC, 50Hz

Operating Instructions

Control Elements and Connector

B. MASTER SECTION

1. ROOM OUTPUT JACK (LEFT/RIGHT)

Output mix audio for monitoring or recording through 1/4" jack.

2. MAIN OUTPUT JACK (LEFT/RIGHT)

Output mix audio to main amplifier through 1/4" jack.

3. PHANTOM POWER SWITCH

Press this button 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.

4. EFFECT DISPLAY

LCD display for 99 effects.

5. UP/DOWN TAPE SWITCH

Turn this knob to select the desired effect program, press once to confirm.

6. SEND/EFFECT

Adjust the strength of after-effect signal.

7. PAN

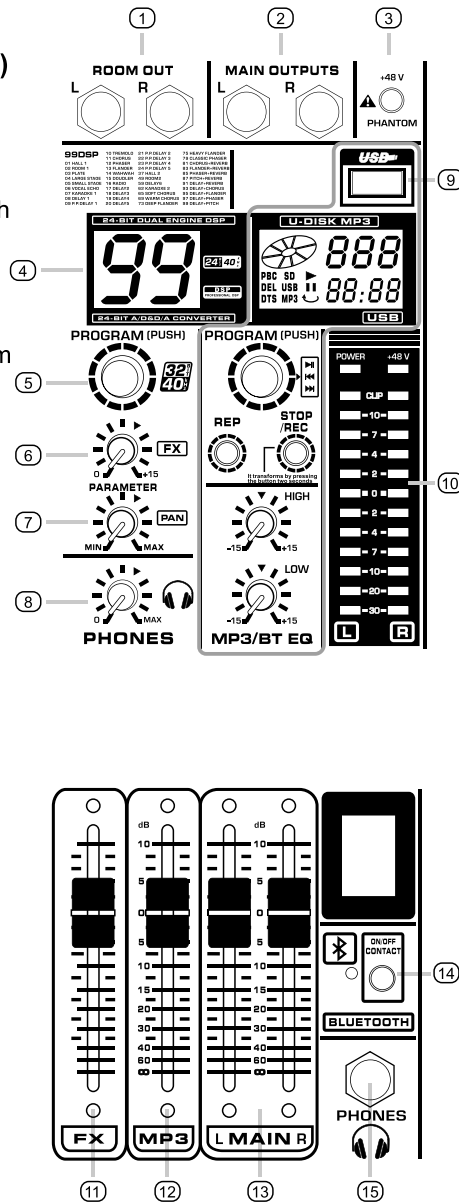
The pan control sends post fader signal to either the left or right and G1 or G2 main buses. In the center position, equal amounts of signal are sent to the left and right or G1 & G2 buses.

8. HEADPHONE LEVEL

Adjust the volume of signal sent to headphone for sound monitoring.

9. USB/BT PLAYER

USB playback for WAV/WMA/MP3. It also has BT function to connect to smart phones/iPad wirelessly.



Operating Instructions

Control Elements and Connector

B. MASTER SECTION

10. OUTPUT LEVEL INDICATOR

Level meter that shows the output level of main output(left & right).

11. EFFECT LEVEL

Adjust the volume of effect signal.

12. MP3 LEVEL

Adjust the volume of MP3/BT signal input.

13. OUTPUT MAIN FADER (LEFT/RIGHT)

Master fader for adjustment of left/right output volume.

14. BT SWITCH

Press this button to turn on/off the BT function.

Then other BT devices can connect to the mixer via BT and stream music.

15. HEADPHONE JACK

Connect headphone to this jack to monitor output sound.

C. USB SECTION

1. USB PORT

2. DISPLAY SCREEN

3. PLAY/PAUSE/NEXT TRACK/PREVIOUS TRACK

In normal mode, turn this knob clockwise/counter-clockwise to select the next/previous track, then short press to confirm and play/pause audio.

In record mode, short press to pause/begin recording. Long press for 2 seconds to save the audio file and exit record mode.

4. REP

Press this button to switch between repeat/list play mode.

5. STOP/REC

In normal mode, short press this button to pause audio. Long press this button for 2 seconds to switch to record mode.

In record mode, short press this button to pause recording.

6. HIGH EQ

High range EQ control for USB/BT audio.

7. LOW EQ

Low range EQ control for USB/BT audio.

