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› Phenyx Pro PTM-10 Wireless In-Ear Monitor System Instruction Manual

Phenyx Pro PTM-10

Phenyx Pro PTM-10 Wireless In-Ear Monitor System

INSTRUCTION MANUAL

1. Introduction

The Phenyx Pro PTM-10 is a UHF stereo wireless in-ear monitor system designed for professional audio monitoring. It operates in the 900MHz band, providing clear and reliable audio transmission for various applications including stage performance, studio recording, and public speaking. This manual provides detailed instructions for setting up, operating, and maintaining your PTM-10 system.

What's in the Box

The PTM-10 system bundle includes the following components:

- 1 x UHF Wireless Transmitter
- 1 x Bodypack Receiver
- 1 x In-ear Earbud
- 1 x Power Adapter
- 2 x AA Batteries
- 1 x Rack Mount Kit
- 1 x Extension Cord
- 1 x User Manual
- 1 x Antenna

PHENYX PRO | ALL-IN-ONE PACKAGE



FREE GIFT



✓ AA batteries x 2

✓ Rackmount kit for professional use

✓ Carrying case for easy & safe transportation



Power adapter



Earphone



User manual

Image: All components included in the Phenyx Pro PTM-10 package, neatly arranged in a carrying case.

2. Transmitter Overview

The PTM-10 transmitter is a robust metal unit designed for stable signal transmission. Familiarize yourself with its controls and connections:

Front Panel

- **Headphone Volume Control:** Adjusts the volume for the headphone jack.
- **Headphone Jack:** 3.5mm output for direct monitoring.
- **Input Volume Control:** Adjusts the input level from your audio source.
- **LCD Screen:** Displays frequency, group, channel, and other system details.
- **Up/Down Buttons:** Navigate menus and adjust settings.
- **SET Button:** Confirms selections and enters menu options.
- **IR Window:** For infrared synchronization with the bodypack receiver.

- **Power Button:** Turns the unit on/off.

Rear Panel

- **DC 12-18V Power Jack:** Connect the included power adapter.
- **Adapter Cord Tie-Off:** Secures the power cord to prevent accidental disconnection.
- **Left & Right Track Input (XLR/TRS Combo Jacks):** Connect your audio source (e.g., mixer output).
- **PAD Switch:** Lowers input gain (-12dB or 0dB) to prevent overloading from loud sources.
- **Antenna Jack:** Connect the included antenna for wireless transmission.



Image: Detailed view of the PTM-10 transmitter, highlighting its front panel controls and rear panel connections.

3. Bodypack Receiver Overview

The bodypack receiver is a durable unit designed for comfortable and reliable monitoring. It features an informative LCD display and practical functions:

- **ON/OFF Power Switch:** Located on the top or side for easy access.
- **Informative Battery Light:** Indicates battery status (turns red when low).
- **IR Window:** For infrared synchronization with the transmitter.
- **Operating Mode Indicator:** Displays current status and settings.
- **Volume Control:** Adjusts the earphone volume.
- **Earphone Jack:** Connect your in-ear earbuds.
- **Belt Clip:** For attaching the bodypack securely to clothing.

The image shows a black Phenyx Pro UHF Bodypack receiver. It has a digital display showing '923.650 MHz' and 'MUTE'. Below the display are buttons for '+R -Phone- L+', 'SET', and 'ADD'. There is an 'IR' window and a 'POWER' switch. A volume knob is also visible. The device is labeled 'PHENYX PRO® UHF Bodypack'.

Free volume adjustment

ON/OFF power switch

Informative battery light
(It turns red when the battery is low)

Painless IR synchronization

DURABLE RECEIVER

<p>Functional Settings Stereo/Mono Mode</p>	<p>Stereo Sound Immersive Monitoring</p>	<p>Battery Indicator Real-time Status</p>	<p>Stable Signal Flawless RF Reception</p>
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Image: Close-up view of the PTM-10 bodypack receiver, showing its controls and display.



Image: Detailed view of the bodypack receiver, including the battery compartment and earphone connection.

4. Setup

4.1 Connecting the Transmitter

1. Connect the included antenna to the Antenna Jack on the rear panel of the transmitter.
2. Connect your audio source (e.g., mixer output) to the Left & Right Track Inputs (XLR/TRS Combo Jacks) on the rear panel.
3. Plug the power adapter into the DC 12-18V Power Jack and connect it to a power outlet. Secure the cord with the Adapter Cord Tie-Off.
4. Press the Power Button on the front panel to turn on the transmitter.

4.2 Installing Batteries in the Bodypack Receiver

1. Open the battery compartment on the bodypack receiver.
2. Insert the 2 x AA batteries, ensuring correct polarity.
3. Close the battery compartment securely.

4.3 Syncing Transmitter and Receiver

1. Turn on both the transmitter and the bodypack receiver.
2. On the transmitter, use the Up/Down buttons to select your desired group and channel.
3. Align the IR Window on the transmitter with the IR Window on the bodypack receiver.
4. Press the SET button on the transmitter. The bodypack receiver should automatically synchronize to the selected frequency.

4.4 Rack Mounting (Optional)

The system includes a rack mount kit for professional installation. Follow the instructions provided with the rack mount kit to securely install the transmitter into a standard audio rack.

5. Operating the System

5.1 Adjusting Frequencies

The PTM-10 operates in the 900MHz band with 89 adjustable UHF frequencies. Use the Up/Down buttons on the transmitter to cycle through available groups and channels to find a clear frequency. Re-sync the bodypack receiver after changing frequencies.

5.2 Bodypack Receiver Functions

The bodypack receiver offers several practical functions for personalized monitoring:

- **L1 (Limiter Function):** Attenuates loud signals for smooth hearing protection.
- **FO (Frequency Lock Function):** Freely select mono (ON) / stereo (OFF) mode for the bodypack.
- **BAL (Balance Function):** Adjusts the left/right volume balance to tailor your hearing preference.
- **EQ (Equalizer Function):** Adjusts tone/pitch for a dynamic audio experience.

IMMERSIVE STEREO MONITORING

Full / Detailed / Dynamic / Crystal-Clear

- ✓ Undisturbed and separate mixing sound
- ✓ Ear protection
- ✓ On-stage personal control



BODYPACK MAIN FUNCTIONS



Limiter Function

Attenuates loud signals for smooth hearing



FO Function

Freely select mono (ON) / stereo (OFF) mode



Balance Function

Adjust left/right volume, tailor your hearing



Equalizer Function

Adjust tone/pitch for a dynamic experience

Image: Visual representation of the Limiter, Frequency Lock, Balance, and Equalizer functions on the bodypack receiver's display.

5.3 Adjusting Volume

- **Transmitter Headphone Volume:** Use the dedicated knob on the front panel to adjust the volume for the connected headphones.
- **Bodypack Earphone Volume:** Use the volume knob on the bodypack receiver to adjust the volume of your in-ear earbuds.

5.4 Operating Range

The system provides an operating distance of up to 160ft (50m) for free movement on stage or in the studio.

6. Maintenance

- Keep the unit dry and away from extreme temperatures.
- Clean the surfaces with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- When not in use for extended periods, remove batteries from the bodypack receiver.

7. Troubleshooting

- **Noise or Popping Sounds:** This can often be caused by interference. Try changing the frequency group and channel on the transmitter and re-syncing the bodypack receiver. Ensure all connections are secure.
- **Signal Dropouts:** Check the operating range. While the system supports up to 160ft, environmental factors can affect range. Ensure the antenna is properly connected and unobstructed. Try changing frequencies if dropouts persist.
- **Low Battery Indicator:** If the battery light on the bodypack receiver turns red, replace the AA batteries immediately to avoid interruption during use.

8. Specifications

Feature	Specification
Model Name	PTM-10
Connectivity Technology	Wireless (RF)
Wireless Communication Technology	RF
Operating Band	900MHz Band
Adjustable Frequencies	89 Frequencies
Operating Range	Up to 160ft (50m)
Audio Driver Type	Balanced Armature Driver (Earbuds)
Earpiece Shape	In Ear
Material	Plastic (Bodypack), Metal (Transmitter)
Power Requirement	DC 12-18V (Transmitter), 2 x AA Batteries (Bodypack)
Special Feature	Lightweight
Recommended Uses	Music, Recording, Stage Performance

9. Warranty & Support

Genuine Phenyx Pro audio products come with a 12-month manufacturer assurance and supportive customer service. For troubleshooting, replacement of discontinuous/defective parts, or any other inquiries, please contact Phenyx Pro directly.

Contact Information:

- **Email:** service@phenyxusa.com or support@phenyxpro.com
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