

Phenyx Pro PTM-10

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

Model: PTM-10

1. SETUP GUIDE

This section provides step-by-step instructions for setting up your Phenyx Pro PTM-10 UHF Stereo Wireless In-Ear Monitor System.

1.1 Unboxing and Component Identification

Carefully unpack all components from the carrying case. Verify that all items listed below are present.



ACCESSORIZE YOUR GEAR

YOUR BACKUP BODYPACK

No need to purchase a whole new set if your stereo bodypack receiver gets broken accidentally.

[Learn More](#)

Stereo Monitoring Series
PTM-10



Image: All-in-one package showing the UHF wireless IEM transmitter, bodypack receiver, in-ear earbuds, power adapter, AA batteries, antenna, rackmount kit, user manual, and carrying case.

- 1 x UHF Wireless IEM Transmitter
- 1 x Bodypack Receiver
- 1 x In-ear Earbuds (with various ear tips)
- 1 x Power Adapter
- 2 x AA Batteries

- 1 x Antenna
- 1 x Rackmount Kit
- 1 x User Manual
- 1 x Carrying Case

1.2 Transmitter Connection

Connect the transmitter to your audio source and power supply.

1. **Connect Antenna:** Screw the included antenna onto the ANTENNA jack on the rear panel of the transmitter.
2. **Connect Audio Input:** Use XLR or 6.3mm TRS cables to connect your mixer's output (or other audio source) to the LEFT and RIGHT INPUTS on the rear of the transmitter.
3. **Connect Power:** Plug the power adapter into the DC 12-18V input on the transmitter and then into a power outlet.
4. **Power On:** Press the POWER button on the front panel of the transmitter. The LCD screen will illuminate.



Image: Detailed view of the PTM-10 transmitter's front and rear panels, highlighting input/output ports, controls, and antenna connection.

1.3 Bodypack Receiver Setup

Prepare your bodypack receiver for use.

1. **Install Batteries:** Open the battery compartment on the bodypack receiver and insert the 2 AA batteries, ensuring correct polarity.
2. **Connect Earbuds:** Plug the included in-ear earbuds into the 3.5mm headphone jack on the top of the bodypack receiver.
3. **Power On:** Slide the ON/OFF power switch on the bodypack to the ON position. The display will light up.

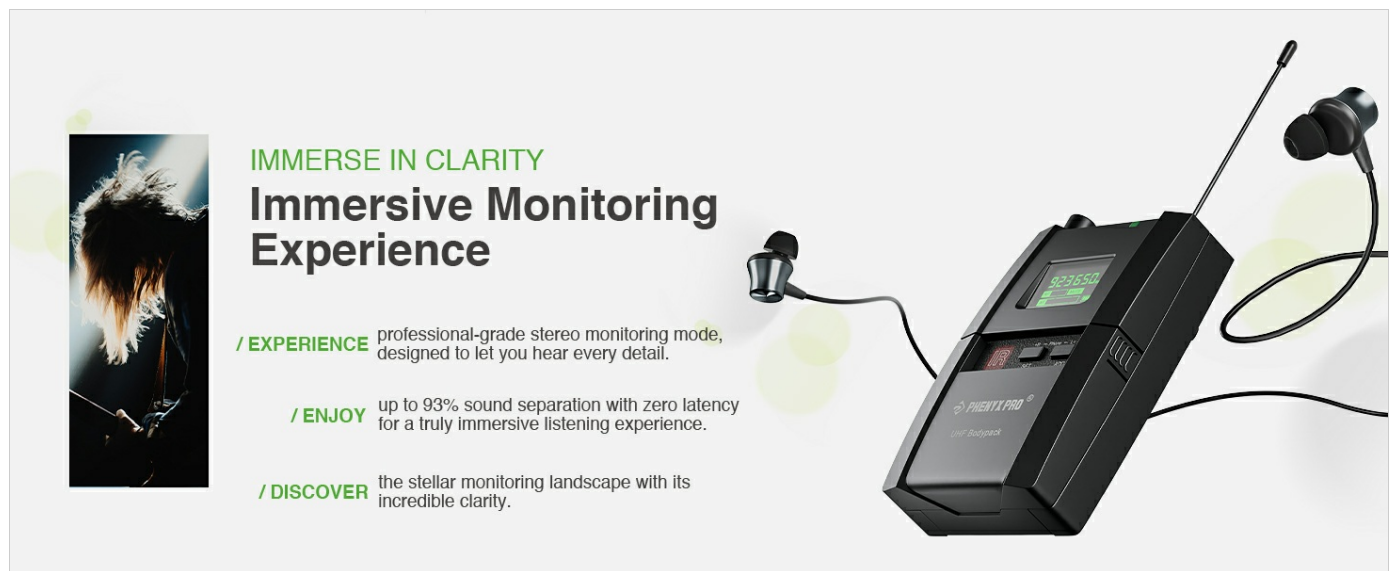


Image: Close-up of the PTM-10 bodypack receiver, showing the display, IR sensor, control buttons, and headphone jack.

1.4 Frequency Synchronization (IR Sync)

To establish a wireless connection between the transmitter and receiver:

1. **Select Channel on Transmitter:** On the transmitter, use the UP/DOWN buttons to select your desired group and channel.
2. **Initiate Sync:** Press the SET button on the transmitter. The IR window will flash.
3. **Align IR Sensors:** Hold the bodypack receiver with its IR sensor facing the IR window of the transmitter, approximately 10-30 cm apart.
4. **Confirm Sync:** The bodypack display will show "---End---" and then the matching group and channel number, indicating successful synchronization.

Your browser does not support the video tag.

Video: Demonstrates the IR synchronization process between the Phenyx Pro PTM-10 transmitter and bodypack receiver, showing how to align the devices for automatic frequency matching.

1.5 Rack Mounting (Optional)

The PTM-10 transmitter is rack-mountable. Use the included rackmount kit to integrate it into a standard audio rack.

- Attach the rack ears to the sides of the transmitter using the provided screws.
- Secure the transmitter into your equipment rack.

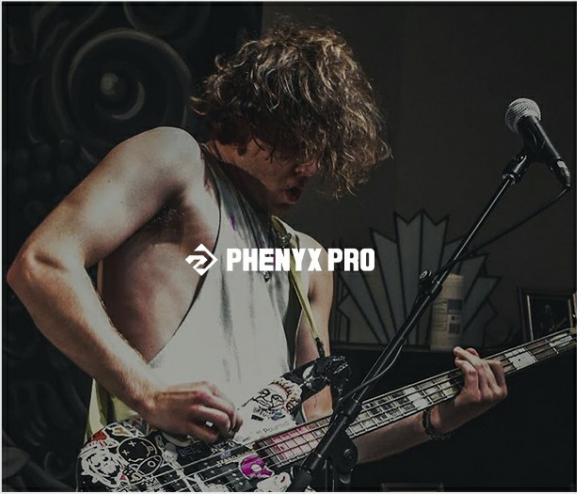
2. OPERATING INSTRUCTIONS

Understand the various functions and controls of your PTM-10 system for optimal performance.

2.1 Transmitter Controls

- **Input Volume Control:** Adjusts the overall input level to the transmitter. Monitor the input level meter on the LCD to prevent clipping.
- **Headphone Volume Control:** Adjusts the volume for the headphone output on the transmitter.
- **SET Button:** Used to enter menu settings and confirm selections.
- **UP/DOWN Buttons:** Navigate through menu options and adjust values.
- **PAD Switch:** Located on the rear panel, this switch provides up to 12dB input attenuation to prevent signal overload.

from high-level audio sources.



**Free In Control.
Immerse In Audio.**

Immerse yourself in the incredible monitoring with the PTM-10 wireless IEM system — your ultimate stage partner. Hear the difference by the immersive stereo monitoring experience. Its multiple customizable functions empower you to fine-tune your monitor mix and boss the sound, which is ideal for discerning music enthusiasts and pros.



Image: Front and rear panel of the PTM-10 transmitter, detailing the input volume, headphone volume, SET, UP/DOWN buttons, and PAD switch.

2.2 Bodypack Receiver Functions

- **Volume Adjustment:** Use the volume knob on the bodypack to control the listening level of your earbuds.
- **Mode Switch (Stereo/Mono):** Select between stereo or mono monitoring modes. Mono mode provides a more focused sound, while stereo offers spatial representation.
- **Equalizer Control (EQ):** Fine-tune the tone and pitch of your monitor mix.
- **Balance Adjustment:** In stereo mode, adjust the left/right channel volume balance.
- **Limiter Function:** Prevents signal overload and distortion, protecting your hearing and equipment.
- **Lock Function:** Safeguard your settings against unintentional adjustments.

ALL-IN-ONE

Robust & Thoughtful Design



/ EXPERIENCE a blend of robustness and elegance with the metal-crafted transmitter and sleek, lightweight bodypack.

/ SIMPLIFY cable management with the handy adapter cord tie-off.

/ COMES with a durable PVC carrying case for easy transport and an antenna rackmount kit to boost your professional setup.



Image: Visual representation of the bodypack receiver's display and buttons, illustrating the Mode Switch, Equalizer Control, Balance Adjustment, Limiter Function, and Lock Function.

2.3 Wireless Performance

- **Frequency Band:** Operates in the 900MHz band, offering less congestion compared to 500MHz and avoiding latency issues common in 2.4GHz systems.
- **Tunable Frequencies:** Features 89 tunable frequencies, allowing for multi-set operation with up to 5 systems simultaneously without interference.

- **Operation Range:** Provides reliable coverage of up to 160ft (50m) for clear, smooth, and stable transmission.

Your browser does not support the video tag.

Video: Explains the features and benefits of the Phenyx Pro PTM-10 UHF Stereo Wireless In-Ear Monitor System, including its frequency band, tunable channels, and operational range.

3. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your PTM-10 system.

- **Battery Replacement:** Replace AA batteries in the bodypack receiver when the low battery indicator appears on the display. Always use fresh, high-quality batteries.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the transmitter and receiver. Avoid using liquid cleaners or solvents.
- **Storage:** When not in use, store the system in its carrying case in a cool, dry place away from direct sunlight and extreme temperatures.

4. TROUBLESHOOTING

If you encounter issues with your PTM-10 system, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound / Intermittent Audio	Low battery in bodypack; Incorrect frequency sync; Interference; Cables not connected properly.	Replace batteries; Re-sync frequencies (IR Sync); Select a different channel; Check all cable connections.
Distorted Sound	Input level too high; Limiter off; PAD switch not engaged.	Reduce input volume on transmitter; Activate Limiter function on bodypack; Engage PAD switch on transmitter for high-level inputs.
Short Range / Dropouts	Obstructions; Antenna not properly connected; Environmental interference.	Ensure clear line-of-sight between transmitter and receiver; Check antenna connection; Try a different channel or location.
Bodypack settings change unintentionally	Lock function is not engaged.	Activate the Lock function on the bodypack receiver.

5. SPECIFICATIONS

Key technical specifications for the Phenyx Pro PTM-10 system:

Feature	Specification
Model Name	PTM-10
Wireless Communication Technology	UHF

Feature	Specification
Frequency Band	900MHz Band
Tunable Frequencies	89 Frequencies
Operation Range	Up to 160 ft (50m)
Monitoring Mode	Stereo/Mono Selectable
Connectivity Technology	Infrared, RF, UHF, Wireless, XLR
Input Device Interface	XLR, 1/4 inch audio jack
Headphones Jack	3.5 mm Jack
Power Source	Power Adapter (Transmitter), 2 AA batteries (Receiver)
Material	Metal (Transmitter), PVC (Carrying Case)
Item Weight	2.46 pounds (1.12 Kilograms)
Product Dimensions	11.1 x 7.8 x 4.41 inches

6. WARRANTY AND SUPPORT

Phenyx Pro products are crafted with premium components and precision engineering, ensuring trusted quality and lasting reliability. We stand firmly behind every product we make.

For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official Phenyx Pro website. For technical support, troubleshooting assistance, or any inquiries, please contact Phenyx Pro customer service through their official channels.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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