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Phenyx Pro PWB-4200

Phenyx Pro PWB-4200 UHF Wireless Bodypack Transmitter Instruction Manual

Model: PWB-4200

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Phenyx Pro PWB-4200 UHF Wireless Bodypack Transmitter. Please read this manual thoroughly before using the device to ensure proper function and longevity.



Figure 1: Front view of the Phenyx Pro PWB-4200 UHF Wireless Bodypack Transmitter, showing the display screen and control buttons.

The PWB-4200 is a durable UHF wireless bodypack transmitter designed for reliable performance. It features a 3-pin mini XLR jack for compatibility with various lapel and headset microphones, offers 30 selectable frequencies within the 500MHz band, and provides an operating range of up to 200ft line of sight in open spaces. It is compatible with Phenyx Pro PTU-52, PTU-5200, and PTU-4200 wireless microphone systems.

SETUP INSTRUCTIONS

1. Battery Installation

The PWB-4200 requires batteries for operation (batteries are not included). To install:

1. Locate the battery compartment on the bodypack transmitter.
2. Open the compartment cover.
3. Insert the required batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

2. Connecting a Microphone

The bodypack transmitter is equipped with a 3-pin mini XLR jack for connecting compatible microphones.

1. Identify the 3-pin mini XLR connector on your lapel or headset microphone.
2. Align the connector with the mini XLR jack on the top of the bodypack transmitter.
3. Gently push the connector into the jack until it clicks into place, ensuring a secure connection.

3. Initial Power On and Control Overview

UHF BODYPACK TRANSMITTER



HIGH-QUALITY
BUILD



PROFESSIONAL
CONNECTOR



SET YOU FREE



Figure 2: Diagram illustrating the controls of the PWB-4200 bodypack transmitter, including the ON/MUTE/OFF button, volume adjustment, and frequency selection buttons.

To power on the device, press and hold the power button (often labeled ON/MUTE/OFF) for 2 seconds. The display will illuminate, showing battery status, channel, and frequency. Familiarize yourself with the volume adjustment and frequency selection buttons as indicated in Figure 2.

OPERATING INSTRUCTIONS

1. Power On/Off and Mute Function

- **Power On:** Press and hold the **POWER** button for approximately 2 seconds.
- **Power Off:** Press and hold the **POWER** button for approximately 2 seconds until the display turns off.
- **Mute:** Briefly press the **POWER** button during operation to mute or unmute the microphone. The display will indicate the mute status.

2. Volume Adjustment

Use the **VOL+** and **VOL-** buttons to adjust the output volume of the bodypack transmitter. Adjust the volume to an

appropriate level to avoid distortion and ensure clear audio transmission.

3. Frequency Selection and Channel Switching

The PWB-4200 offers 30 selectable frequencies. To switch channels and synchronize with your receiver:

HOW TO SWITCH THE CHANNEL FOR THE BODYPACK



STEP 1

Press the power button for 2 seconds to turn it on.

STEP 2

Press the SET button for 3 seconds to switch the channel until the preset Channel A is switched to Channel B as needed.



STEP 3

Channel A is switched to B

STEP 4

Turn off the transmitter, and long press the SET and power buttons together for 3 seconds to lock your setting.



STEP 5

Tap the SET button to confirm the synchronization.

Figure 3: Visual guide detailing the five steps to switch and lock the operating channel on the bodypack transmitter.

1. **Step 1:** Press the **POWER** button for 2 seconds to turn on the transmitter.
2. **Step 2:** Press the **SET** button for 3 seconds to enter channel switching mode. Continue pressing **SET** to cycle through available channels (e.g., from Channel A to Channel B).
3. **Step 3:** Observe the display to confirm the desired channel (e.g., Channel B) is selected.
4. **Step 4:** To lock your setting, turn off the transmitter by holding the **POWER** button. Then, simultaneously long press the **SET** and **POWER** buttons together for 3 seconds.
5. **Step 5:** Tap the **SET** button briefly to confirm the synchronization with your receiver.

Ensure your Phenyx Pro receiver is also set to the same frequency/channel for proper wireless communication.

MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the exterior of the bodypack transmitter. Avoid using harsh chemicals or abrasive materials.
- Battery Care:** Remove batteries if the device will not be used for an extended period to prevent leakage. Replace batteries promptly when the low battery indicator appears on the display.
- Storage:** Store the bodypack in a cool, dry place away from direct sunlight and extreme temperatures.
- Handling:** Avoid dropping the device or subjecting it to strong impacts, as this can damage internal components.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from microphone	<ul style="list-style-type: none">Transmitter not powered on.Microphone not connected properly.Transmitter muted.Low battery.Incorrect frequency/channel.Receiver not powered on or not paired.	<ul style="list-style-type: none">Ensure transmitter is powered on.Check microphone connection to the 3-pin mini XLR jack.Unmute the transmitter.Replace batteries.Verify transmitter and receiver are on the same frequency/channel.Ensure receiver is powered on and properly paired.
Interference or poor sound quality	<ul style="list-style-type: none">Obstructions between transmitter and receiver.Operating beyond range.Other wireless devices on the same frequency.Low battery.	<ul style="list-style-type: none">Reduce obstructions or reposition receiver.Operate within the 200ft line-of-sight range.Switch to a different frequency/channel.Replace batteries.
Transmitter does not power on	<ul style="list-style-type: none">Dead or incorrectly installed batteries.	<ul style="list-style-type: none">Check battery polarity and replace with fresh batteries.

SPECIFICATIONS

Model	PWB-4200
Brand	Phenyx Pro
Compatibility	Phenyx Pro PTU-52, PTU-5200, PTU-4200 Wireless Microphone Systems
Connector Type	3-Pin Mini XLR Jack
Frequency Band	UHF (500MHz band)
Selectable Frequencies	30
Operating Range	Up to 200ft line of sight (open space)

Item Weight	4.4 pounds
Package Dimensions	7.4 x 2.95 x 1.46 inches
Manufacturer	Phenyx Technology,LLC
UPC	810164760548

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Phenyx Pro website or contact Phenyx Technology,LLC directly. Contact information is typically available on the product packaging or the manufacturer's official support pages.

Manufacturer: Phenyx Technology,LLC

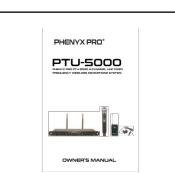
Brand: Phenyx Pro

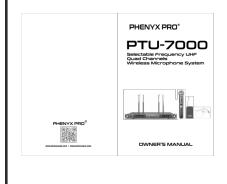
Website: [Visit the Phenyx Pro Store on Amazon](#) (for general product information)

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - PWB-4200

 <p>PTU-52/5200/4200 Series Frequency Hopping Dual / Quad / Eight-Channel Wireless Microphone System</p> <p>USER MANUAL V114803H</p>	<p>Phenyx Pro PTU-52/5200/4200 Series UHF Wireless Microphone System User Manual</p> <p>User manual for the Phenyx Pro PTU-52, PTU-5200, and PTU-4200 series UHF wireless microphone systems. Covers system overview, features, components, setup, operation, troubleshooting, specifications, and warranty information.</p>
 <p>PTU-71 Frequency Hopping Dual Channel Wireless Microphone System</p> <p>OWNER'S MANUAL</p>	<p>Phenyx Pro PTU-71 Dual UHF Wireless Microphone System Owner's Manual</p> <p>Owner's manual for the Phenyx Pro PTU-71 Dual UHF Wireless Microphone System, covering setup, operation, troubleshooting, specifications, and warranty information.</p>
 <p>PTU-5200 Frequency Hopping Four-Channel Wireless Microphone System</p> <p>OWNER'S MANUAL</p>	<p>Phenyx Pro PTU-5200 4-Channel UHF Wireless Microphone System Owner's Manual</p> <p>This manual provides a comprehensive guide to the Phenyx Pro PTU-5200 4-Channel UHF Wireless Microphone System, covering system description, setup, operation, and technical specifications. Learn how to use and maintain your wireless microphone system for optimal performance.</p>
 <p>PTU-5000 Frequency Hopping Four-Channel Wireless Microphone System</p> <p>OWNER'S MANUAL</p>	<p>Phenyx Pro PTU-5000 4-Channel UHF Wireless Microphone System User Manual</p> <p>User manual for the Phenyx Pro PTU-5000 4-Channel UHF Fixed Frequency Wireless Microphone System. Includes system description, operating instructions, troubleshooting, specifications, and warranty information.</p>

	<p>Phenyx Pro PTU-71/7000/6000 Series Wireless Microphone System Owner's Manual Owner's manual for the Phenyx Pro PTU-71/7000/6000 Series of selectable UHF frequency dual, quad, and eight-channel wireless microphone systems. Includes system overview, features, components, setup, operation, troubleshooting, specifications, and warranty information.</p>
	<p>Phenyx Pro PTU-7000 Wireless Microphone System Owner's Manual Comprehensive owner's manual for the Phenyx Pro PTU-7000 Selectable Frequency UHF Quad Channels Wireless Microphone System, covering system description, specifications, setup, operation, troubleshooting, and warranty information.</p>

Documents - Phenyx Pro – PWB-4200



[Phenyx Pro PTU-52/5200/4200 Series UHF Wireless Microphone System User Manual](#)

User manual for the Phenyx Pro PTU-52, PTU-5200, and PTU-4200 series UHF wireless microphone systems. Covers system overview, features, components, setup, operation, troubleshooting, specifications, and warranty information.

lang:en score:37 filesize: 5.27 M page_count: 17 document date: 2025-07-24



[\[pdf\] Specifications Test Report](#)

Test Report DWM Guangzhou VILAN Technology Co Ltd PWB 12 2BKG7 2BKG7PWB12 pwb
Shenzhen CTA Testing Technology Co., Ltd. Room 106, Building 1, Yibaolai
Industrial Park, Qiaotou Co: PWB-12 Listed Models: PWB-5, PWB-7, PWB-52, PWB-5200, **PWB-4200**, PWB-A2, PWB-X2, PWB-P
Modulation Type: FM Operation Freque...

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