



# PYLE PDWMU112 UHF Wireless Microphone System User Manual

[Home](#) » [Pyle](#) » PYLE PDWMU112 UHF Wireless Microphone System User Manual 

# PYLE

[PyleUSA.com](http://PyleUSA.com)



PDWMU211



PDWMU103



PDWMU112



PDWMU114



PDWMU214

## UHF Wireless Microphone System User Manual

Please read this manual carefully before using and strictly operate and store in accordance with the

instructions. Please save it for your future reference.

The wireless system is reliable in performance, portable and easy to operate, and is suitable for use at home, school, training room and outdoor performance.

The wireless system adopts advanced intelligent digital technology and high integrated circuit design, which has the advantages of strong stability, intelligence and high efficiency.

## Contents

### 1 FEATURES

### 2 RECEIVER FUNCTION DESCRIPTION

### 3 TRANSMITTER FUNCTION DESCRIPTION1. Handheld Microphone

### 4 BODYPACK TRANSMITTER

### 5 OPERATION

### 6 Bodypack Transmitter Operation Sequence

### 7 PDWM U211

### 8 PDWMU 103

### 9 PDWNIU112

### 10 POWMU114

### 11 PDWMU214

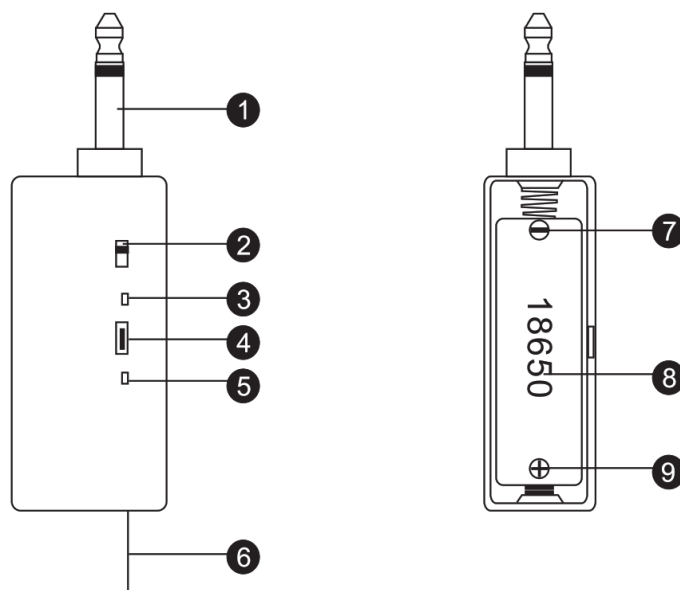
### 12 Documents / Resources

### 13 Related Posts

## FEATURES

1. UHF frequency for stronger anti-interference ability and stable transmission distance.
2. The transmitter has a frequency modulation function to meet the simultaneous use of multiple frequencies.
3. The receiver adopts an automatic frequency lock design, which makes operation simpler and smarter.
4. Mini receiver design with 6.35mm standard audio plug, plug and play.
5. The receiver has a rechargeable function, circuit protection technology, and a detachable large-capacity lithium battery. It can also be connected to a power bank for long-term offline use.
6. Easy to operate, easy to use and have a good sense of experience.

## RECEIVER FUNCTION DESCRIPTION

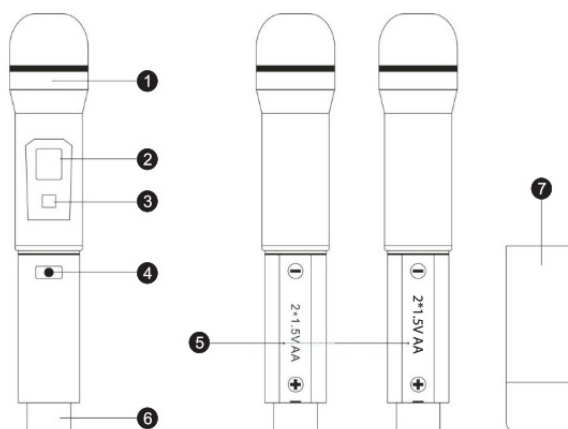


1. 6.35mm audio plug

2. Power switch
3. Power indicator, charging indicator
4. DC 5V charging port
5. RF signal indicator
6. Antenna
7. 18650 lithium battery negative electrode\*
8. 18650 lithium battery compartment
9. 18650 lithium battery positive electrode\*

**Note:** Be sure to confirm the positive/negative battery before installing it to avoid damage to the receiver! Please fully charge the lithium battery before using it.

## TRANSMITTER FUNCTION DESCRIPTION

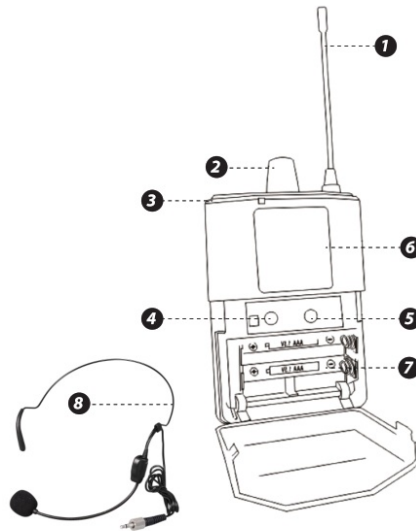


### 1. Handheld Microphone

1. Microphone head
2. LED display
3. Microphone switch
4. CH button
5. Battery compartment
6. Transmitter antenna
7. Tail cover

## BODYPACK TRANSMITTER

1. Antenna
2. Volume Adjust and ON/OFF button
3. Microphone Connector
4. CH Button DOWN
5. CH Button UP
6. LED Display
7. Battery compartment Double AA batteries (AA 1.5VX2)
8. Headset microphone (Lavalier microphone)



## OPERATION

**Tips:** Under normal circumstances, the product has been completed at the factory, and can be used normally after opening the box, no need to adjust the frequency. If you need to adjust the frequency, please follow the steps below.

**Note:** Before operating, make sure the transmitter and receiver are both off.

**The operation sequence of the handheld microphone:**

1. Operate the transmitter
2. Open the receivers
3. Confirm at the transmitter

1. Press and hold the power button and CH button of the transmitter at the same time until the LED display flashes then release the button.
2. Turn ON the receiver power button, please pay attention to the RF signal indicator of the receiver. Under normal circumstances, the receiver RF signal indicator flashes continuously for 4 times and then goes out. (In this case, the receiver and the transmitter are connected successfully.)
3. Short press the transmitter CH button to confirm the connection between the transmitter and the receiver. At this time, the transmitter display stops flashing, and the receiver RF signal indicator is always ON, indicating that the receiver and the transmitter are connected successfully.

**Note:** If it can't be connected, please repeat the above operation. (The transmitter must be operated before the receiver is turned ON.) When the same frequency interference occurs, please short press the transmitter CH button. At this time, the transmitter will change the frequency to avoid frequency interference.

## Bodypack Transmitter Operation Sequence

1. The transmitter and receiver are both off.
2. Press and hold the "▼" CH button and turn ON the power switch button to "ON" at the same time until the LED display flashes for 4 seconds, then release the "▲" CH button.
3. Turn ON the receiver power button, pay attention to the RF signal indicator of the receiver. Under normal circumstances, the receiver RF signal indicator flashes continuously for 4 times and then goes out. (In this case, the receiver and the transmitter are connected successfully)

4. Short press the transmitter “• ▼” CH button to confirm the connection between the transmitter and the receiver.  
At this time, the transmitter display stops flashing, and the receiver RF signal indicator is always ON, indicating that the receiver and the transmitter are connected successfully.

## **PDWM U211**

### **UHF Wireless Microphone System Kit**

Includes Headset Mic, Lavalier Mic & Beltpack Transmitter  
System Features:

- UHF Band Microphone System
- Operation Range: Up to 160'+ ft.
- LED Digital Display Readout Screens
- Simple Setup & Hassle-Free Operation
- AF & RF Audio Transmission Signal Strength Indicators
- Independent & Adjustable Channel Volume Controls
- Selectable Frequency Range: Up to (8) Channels
- 1/4" Audio Output Jack
- XLR Balanced Output Jack

### **What's in the Box:**

- Receiver Base
- Beltpack Transmitter
- Headset Microphone
- Lavalier Microphone
- Power Cable

### **Transmitter Specs:**

- RF Output: >10 dBm
- Modulation Type: FM
- Max Deviation: ± 40 KHz
- Spurious Emission: > 55 dBc
- Nominal Current Drain: < 40mA
- Battery Powered, Requires (2) x 'AN Batteries -Each

### **Receiver Specs:**

- Signal/Noise Ratio: -105dB
- Border Upon Channel Rejection: >70dB
- T.H.D.: < 1%
- Audio Output Level: 0-300 mV
- Dimensions 6.8 x 5.3 x 1.7 in

- Power Supply: 110/220V (12-15V Power Adapter)

## **PDWMU 103**

UHF Wireless Microphone System Handheld Mic & Wireless Transmitter with Universal Plug-and-Play Audio  
**Features:**

- Wireless Handheld Microphone System
- UHF (Ultra-High Frequency) Mic Design
- Easy Plug-and-Play Audio
- Simple & Hassle-Free Operation
- Reliable, Distortion-Free Performance
- Battery-Operated for Wireless Mobility
- Receiver Features 1/4" Jack for Additional Connection
- Auto-Search Mic Adapter Syncing with Microphone
- LCD Digital Display Screen for Frequency Read-Out
- LED Indicator Lights
- Power ON/OFF Switch
- Single Channel Selectable Frequency Design (Only 1 Mic Per Receiver)
- Used for Home Theater Party Karaoke or Stage & Studio DJ Recording
- Connects to PA Speaker Systems, Amplifiers, Audio Receivers, Mixers

### **What's in the Box:**

- Handheld Microphone
- Receiver Unit
- USB Connection Cable
- (2) x 'AA' Batteries
- (2) x 'AAA' Batteries

### **Technical Specs:**

- Microphone System: UHF, PLL 32-Channel Selectable Frequencies
- Wireless Operation Range: Up to 165'+ ft.
- Pickup Pattern: Uni-Directional, Cardioid
- Receiver Interface: 1/4" Audio Connector Jack
- T.H.D: <0.5%
- Spurious Emission: >40dB
- Audio Dynamic Range: >100dB
- S/N Ratio: >96dB @ 1 kHz, A-Weighted
- Battery Operated Microphone, Requires (2) 'AA' Batteries
- Battery Operated Receiver, Requires (2) 'AAA' Batteries
- \*Receiver Can Also be Powered via USB Cable
- Microphone Dimensions (L x D): 9.8"x 1.5"-inches

- Receiver Dimensions (L x W x H): 3.4"x 2.4"x 0.8"-inches

## **PDWNIU112**

UHF Wireless Microphone System Kit Includes Headset Mic, Lavalier Mic & Beltpack Transmitter

### **System Features:**

- UHF Band Microphone System
- Operation Range: Up to 160'+ ft.
- LED Digital Display Readout Screens
- Simple Setup & Hassle-Free Operation
- AF & RF Audio Transmission Signal Strength Indicators
- Independent & Adjustable Channel Volume Controls
- Selectable Frequency Range: Up to (8) Channels
- 1/4" Audio Output Jack • XLR Balanced Output Jack

### **What's in the Box:**

- Receiver Base
- Beltpack Transmitter
- Headset Microphone
- Lavalier Microphone
- Power Cable

### **Transmitter Specs:**

- RF Output: >10 dBm
- Modulation Type: FM
- Max Deviation: \* 40 KHz
- Spurious Emission: > 55 dBc
- Nominal Current Drain: < 40mA
- Battery Powered, Requires (2) x 'AA' Batteries -Each

### **Receiver Specs:**

- Signal/Noise Ratio: -105dB
- Border Upon Channel Rejection: >70dB
- T.H.D.: < 1%
- Audio Output Level: 0-300 mV
- Dimensions 6.8 x 5.3 x 1.7 in
- Power Supply: 110/220V (12-15V Power Adapter)

## **POWMU114**

UHF Wireless Microphone System Kit Includes Handheld Mic, Headset Mic, Lavalier Mic & Beltpack Transmitter

## **System Features:**

- UHF Band Microphone System
- Operation Range: Up to 160'+ ft.
- LED Digital Display Readout Screens
- Simple Setup & Hassle-Free Operation
- AF & RF Audio Transmission Signal Strength Indicators
- Independent & Adjustable Channel Volume Controls
- Selectable Frequency Range: Up to (8) Channels
- 1/4" Audio Output Jack
- XLR Balanced Output Jack

## **What's in the Box:**

- Receiver Base
- Beltpack Transmitter
- Headset Microphone
- Lavalier Microphone
- Power Cable

## **Transmitter Specs:**

- RF Output: >10 dBm
- Modulation Type: FM
- Max Deviation:  $\pm 40$  KHz
- Spurious Emission: > 55 dBc
- Nominal Current Drain: < 40mA
- Battery Powered, Requires (2) x 'AA' Batteries -Each

## **Receiver Specs:**

- Signal/Noise Ratio: -105dB
- Border Upon Channel Rejection: >70dB
- T.H.D.: < 1%
- Audio Output Level: 0-300 mV
- Dimensions 6.8 x 5.3 x 1.7 in
- Power Supply: 110/220V (12-15V Power Adapter)

## **PDWMU214**

UHF Wireless Microphone System Handheld Mic & Wireless Transmitter with Universal Plug-and-Play Audio  
**Features:**

- Wireless Handheld Microphone System
- UHF (Ultra-High Frequency) Mic Design



- Easy Plug-and-Play Audio
- Simple & Hassle-Free Operation
- Reliable, Distortion-Free Performance
- Battery-Operated for Wireless Mobility
- Receiver Features 1/4" Jack for Additional Connection
- Auto-Search Mic Adapter Syncing with Microphone
- LCD Digital Display Screen for Frequency Read-Out
- LED Indicator Lights
- Power ON / OFF Switch
- Single Channel Selectable Frequency Design (Only 1 Mic Per Receiver)
- Used for Home Theater Party Karaoke or Stage & Studio DJ Recording
- Connects to PA Speaker Systems, Amplifiers, Audio Receivers, Mixers

#### **What's in the Box:**

- (2) Handheld Microphone
- Receiver Unit
- USB Connection Cable
- (2) x 'M' Batteries
- (2) x 'AAA' Batteries

#### **Technical Specs:**

- Microphone System: UHF, PLL 32-Channel Selectable Frequencies
- Wireless Operation Range: Up to 165'+ ft.
- Pickup Pattern: Uni-Directional, Cardioid
- Receiver Interface: 1/4" Audio Connector Jack
- T.H.D: <0.5%
- Spurious Emission: >40dB
- Audio Dynamic Range: >100dB
- S/N Ratio: >96dB @ 1 kHz, A-Weighted
- Battery Operated Microphone, Requires (2) 'AA' Batteries
- Battery Operated Receiver, Requires (2) 'AM' Batteries
- Receiver Can Also be Powered via USB Cable
- Microphone Dimensions (L x D): 9.8"x 1.5"-inches
- Receiver Dimensions (L x W x H): 3.4"x 2.4"x 0.8"—inches

#### **FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Caution: Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.



**VISIT US ONLINE:**

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**Want to leave a comment?**

**PyleUSA.com/ContactUs**

**Questions? Issues?**

**We are here to help! Phone: (1) 718-535-1800**

**Email: [support@pyleusa.com](mailto:support@pyleusa.com)**

**[www.pyleUSE.com](http://www.pyleUSE.com)**

## Documents / Resources

	<p><b><a href="#">PYLE PDWMU112 UHF Wireless Microphone System</a></b> [pdf] User Manual  PDWMU112, 2AWFNPDWMU112, PDWMU112 UHF Wireless Microphone System, UHF Wireless Microphone System</p>
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