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Xvive U45

Xvive U45 Wireless In-Ear Monitor System

USER MANUAL

1. Introduction

Thank you for choosing the Xvive U45 Wireless In-Ear Monitor System. This system provides a reliable and high-quality audio monitoring solution for musicians, performers, and audio professionals. Operating on the 5.8GHz band, it offers stable signal transmission with minimal interference. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your U45 system.

1.1 Package Contents

- U45 Transmitter
- U45 Bodypack Receiver
- 1/4" TS Adapter
- USB-C Dual Charging Cable
- User Manual (this document)

1.2 Key Features

- **Reliable Wireless Performance:** 5.8GHz true diversity wireless system ensures stable RF connection up to 30.5 meters (100 feet).
- **High-Fidelity Audio:** Wide frequency response from 20 Hz to 20 kHz, 24-bit/48 kHz audio resolution, and 110 dB signal-to-noise ratio for clear, detailed sound.
- **Long Battery Life & Fast Charging:** Up to 5 hours of battery life. USB-C charging port with included dual cable for simultaneous charging. 10-minute charge provides 1 hour of playtime.
- **Easy Channel Scanning:** Built-in channel scan mode to find the clearest frequency.

2. Product Overview



Figure 1: Xvive U45 Wireless In-Ear Monitor System (Receiver and Transmitter)

2.1 U45 Transmitter



Figure 2: Xvive U45 Transmitter Front View

- **XLR Connector:** Connects to mixer output or audio source.
- **Power Button:** Press and hold to turn on/off.
- **Channel Button:** Press to cycle through available channels.
- **Mute Button:** Mutes the audio output.
- **Line/Aux Switch:** Selects input sensitivity (Line for professional audio levels, Aux for consumer levels).
- **USB-C Charging Port:** For charging the internal battery.
- **Status LED:** Indicates power, battery, and connection status.

2.2 U45 Bodypack Receiver



Figure 3: Xvive U45 Receiver Side View

- **3.5mm Headphone Output:** Connect your in-ear monitors or headphones.
- **Volume Control Knob:** Adjusts the output volume to your in-ear monitors.
- **Channel Selector Knob:** Selects the receiving channel.
- **Power Switch:** On/Off switch.
- **USB-C Charging Port:** For charging the internal battery.
- **Status LEDs:** Indicate power, battery, signal strength, and channel status.

3. Setup

3.1 Charging the Devices

1. Connect the included USB-C dual charging cable to both the U45 Transmitter and the U45 Receiver.
2. Plug the USB-A end of the cable into a standard USB power adapter (not included, 5V/1A recommended) or a computer USB port.
3. The status LEDs on both units will indicate charging status (e.g., red for charging, green for fully charged).
4. A full charge takes approximately 1.5 hours.

Note: *For optimal performance, ensure both units are fully charged before use.*

3.2 Connecting the Transmitter

1. Identify an available output on your audio mixer or audio interface (e.g., Aux Send, Monitor Out).
2. Plug the XLR connector of the U45 Transmitter directly into the chosen output. If your mixer output is a 1/4" jack, use the included 1/4" TS adapter.

3. Ensure the mixer output level is set appropriately (start low and increase gradually).
4. Set the **Line**/**Aux** switch on the transmitter according to your audio source:
    - **Line:** For professional audio equipment with line-level outputs (e.g., most mixers).
    - **Aux:** For consumer-level audio devices with lower output levels.

3.3 Connecting In-Ear Monitors to the Receiver

1. Plug your 3.5mm in-ear monitors or headphones into the 3.5mm headphone output jack on the U45 Bodypack Receiver.
2. Ensure the connection is secure.

4. Operation

4.1 Powering On/Off

- **Transmitter:** Press and hold the Power button for 2 seconds. The status LED will illuminate.
- **Receiver:** Slide the Power switch to the "ON" position. The status LEDs will illuminate.
- To power off, repeat the respective steps.

4.2 Channel Selection and Pairing

The U45 system offers multiple channels to avoid interference. Both the transmitter and receiver must be set to the same channel for proper operation.

1. **On the Transmitter:**
    - Press the **Channel** button repeatedly to cycle through the available channels. The channel number will be indicated by the LED display.
    - Observe the signal strength indicator on the receiver to find the clearest channel.
2. **On the Receiver:**
    - Rotate the **Channel Selector Knob** to match the channel selected on the transmitter.
    - Once both units are on the same channel and within range, the receiver's signal LED will indicate a stable connection.

Tip: *If you experience interference, try scanning for a different channel on the transmitter and then matching it on the receiver.*

4.3 Adjusting Volume

On the U45 Bodypack Receiver, rotate the**Volume Control Knob** clockwise to increase the volume and counter-clockwise to decrease it. Adjust to a comfortable listening level.

4.4 Mute Function (Transmitter)

Press the **Mute** button on the transmitter to temporarily silence the audio transmission. Press it again to unmute.

5. Maintenance

5.1 Cleaning

- Wipe the units with a soft, dry cloth.
- Do not use liquid cleaners, aerosols, or solvents, as they may damage the finish or internal components.

5.2 Battery Care

- Recharge the batteries regularly, even if the units are not in frequent use, to maintain battery health.
- Avoid fully discharging the batteries frequently.
- Do not expose the units to extreme temperatures.

5.3 Storage

When not in use for extended periods, store the U45 system in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

Problem	Possible Cause	Solution
No sound from in-ear monitors	• Receiver volume too low • Transmitter/Receiver not powered on • Incorrect channel selection • Transmitter muted • In-ear monitors not connected or faulty • Mixer output level too low	• Increase receiver volume • Ensure both units are powered on • Match transmitter and receiver channels • Unmute transmitter • Check in-ear monitor connection and functionality • Increase mixer output level
Interference or poor signal	• Other 5.8GHz devices nearby • Too far from transmitter • Obstructions between units • Low battery	• Change to a different channel • Reduce distance between transmitter and receiver • Ensure clear line of sight • Recharge batteries
Short battery life	• Batteries not fully charged • Aging batteries	• Ensure full charge before use • Contact support if battery life significantly degrades
Devices not pairing	• Units too far apart • Different channels selected • Low battery	• Bring units closer • Verify both units are on the same channel • Recharge batteries

7. Specifications

Feature	Detail
Wireless Type	5.8GHz ISM band
Audio Frequency Response	20 Hz - 20 kHz
Dynamic Range	110 dB
Audio Resolution	24-bit / 48 kHz
Latency	< 5ms
Operating Range	Up to 30.5 meters (100 feet) line-of-sight

Feature	Detail
Battery Life	Up to 5 hours
Charging Time	Approx. 1.5 hours
Charging Port	USB-C
Transmitter Input	XLR (with 1/4" TS adapter)
Receiver Output	3.5mm stereo headphone jack
Included Components	U45 System, 1/4" TS adapter, USB-C charging cable, user manual
Country of Origin	China

8. Warranty Information

The Xvive U45 Wireless In-Ear Monitor System comes with a**2-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper operation.

Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, please refer to the official Xvive website or contact customer support.

9. Support

If you encounter any issues or have questions regarding your Xvive U45 system that are not covered in this manual, please visit the official Xvive website for FAQs, support resources, and contact information.

Xvive Official Website: www.xviveaudio.com

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