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Xvive XV-U3

Xvive U3 Wireless Microphone System User Manual

Model: XV-U3

1. INTRODUCTION

The Xvive U3 Wireless Microphone System provides a reliable and high-quality wireless solution for dynamic microphones, audio mixers, and PA systems. Operating on the 2.4GHz band, it offers uncompressed signal transmission with low noise and latency, ensuring clear and detailed audio for various applications.

This manual provides detailed instructions for setting up, operating, and maintaining your Xvive U3 system.



Figure 1: Xvive U3 Wireless Microphone System, showing both the transmitter and receiver units.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Xvive U3 Wireless System (1 Transmitter, 1 Receiver)

- Charging Cable
- User Manual



Figure 2: All components included in the Xvive U3 Wireless Microphone System package.

3. PRODUCT OVERVIEW

The Xvive U3 system consists of a transmitter and a receiver, both designed for compact and efficient wireless audio transmission.

3.1. Key Features

- **Versatile Compatibility:** Works with dynamic/harmonic microphones, audio mixers, and PA systems.
- **Crystal Clear Sound:** 20Hz to 20kHz frequency response, 24-bit/48kHz audio, 107 dB signal-to-noise ratio.
- **Optimized 2.4GHz Wireless Band:** Solid RF connection over 90 feet range, uncompressed signal.
- **Ultra-Low Latency:** Less than 5ms latency, supports up to 6 simultaneous channels.

- **Two Modes (Mic and Line):** Adaptable for various audio sources.
- **Long-Lasting Battery:** Up to 5 hours of battery life with rechargeable batteries.

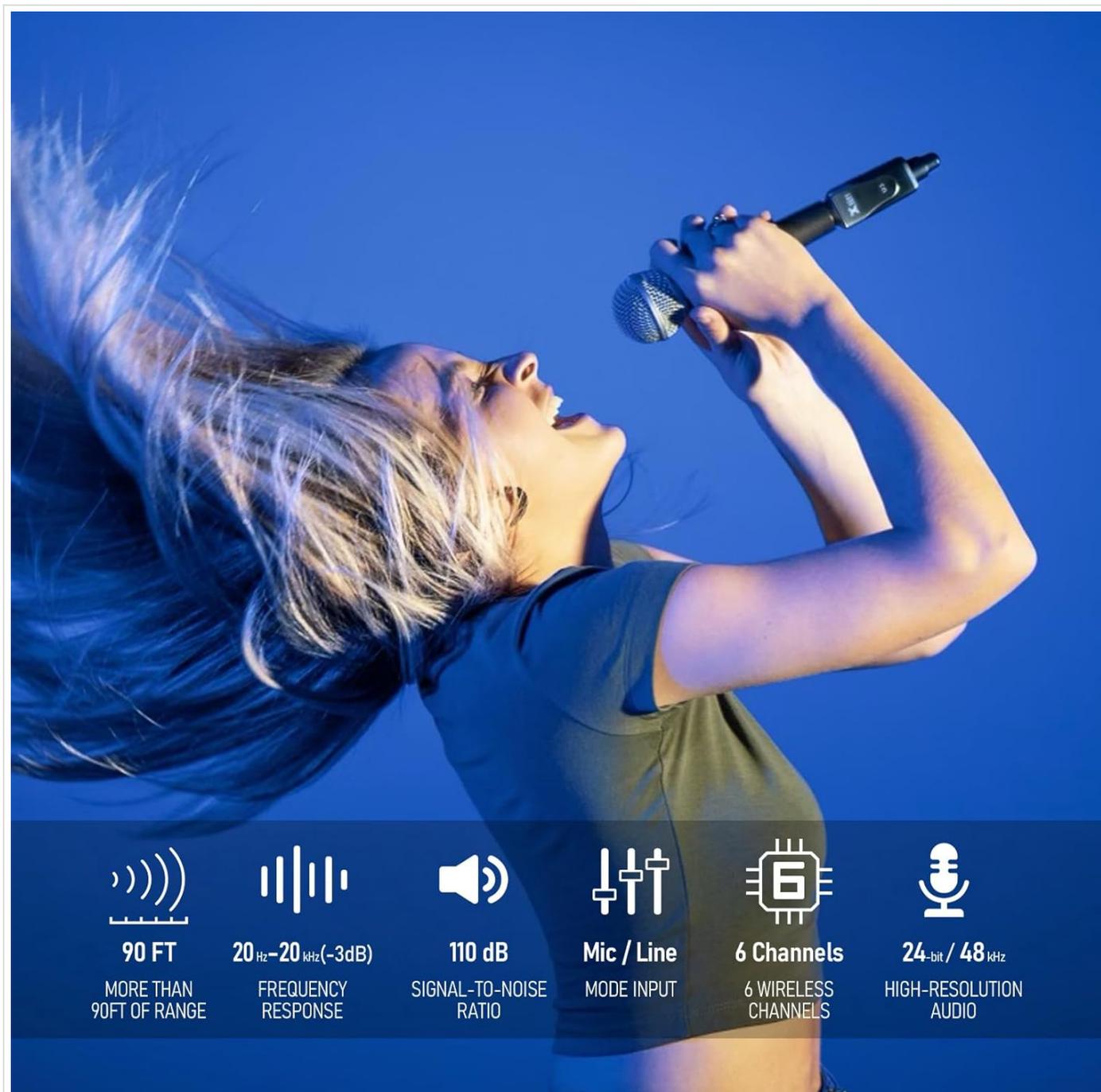


Figure 3: Visual representation of the Xvive U3's core performance specifications and features.

4. SETUP GUIDE

Follow these steps to set up your Xvive U3 Wireless Microphone System:

1. **Charge the Units:** Ensure both the transmitter and receiver are fully charged using the provided USB charging cable. A full charge takes approximately 5 hours.
2. **Connect the Transmitter:** Plug the U3 transmitter into the XLR output of your dynamic microphone. Ensure a secure connection. The transmitter features a mic lock to secure it to the microphone.
3. **Connect the Receiver:** Plug the U3 receiver into the XLR input of your audio mixer, PA system, or active loudspeaker.
4. **Power On:** Press and hold the power button on both the transmitter and receiver until the indicator lights illuminate.

5. **Select Mode:** On the transmitter, select either 'Mic' mode for dynamic microphones or 'Line' mode for line-level signals from devices like mixers or MP3 players. 'Line' mode offers a greater dynamic range.
6. **Channel Pairing:** The units should automatically pair. If not, refer to the troubleshooting section for manual channel selection. The system supports up to 6 simultaneous channels.



Figure 4: The mic lock feature ensures the transmitter is securely attached to the microphone.



Figure 5: Example setup showing the Xvive U3 transmitter connected to a microphone and the receiver connected to an audio device.

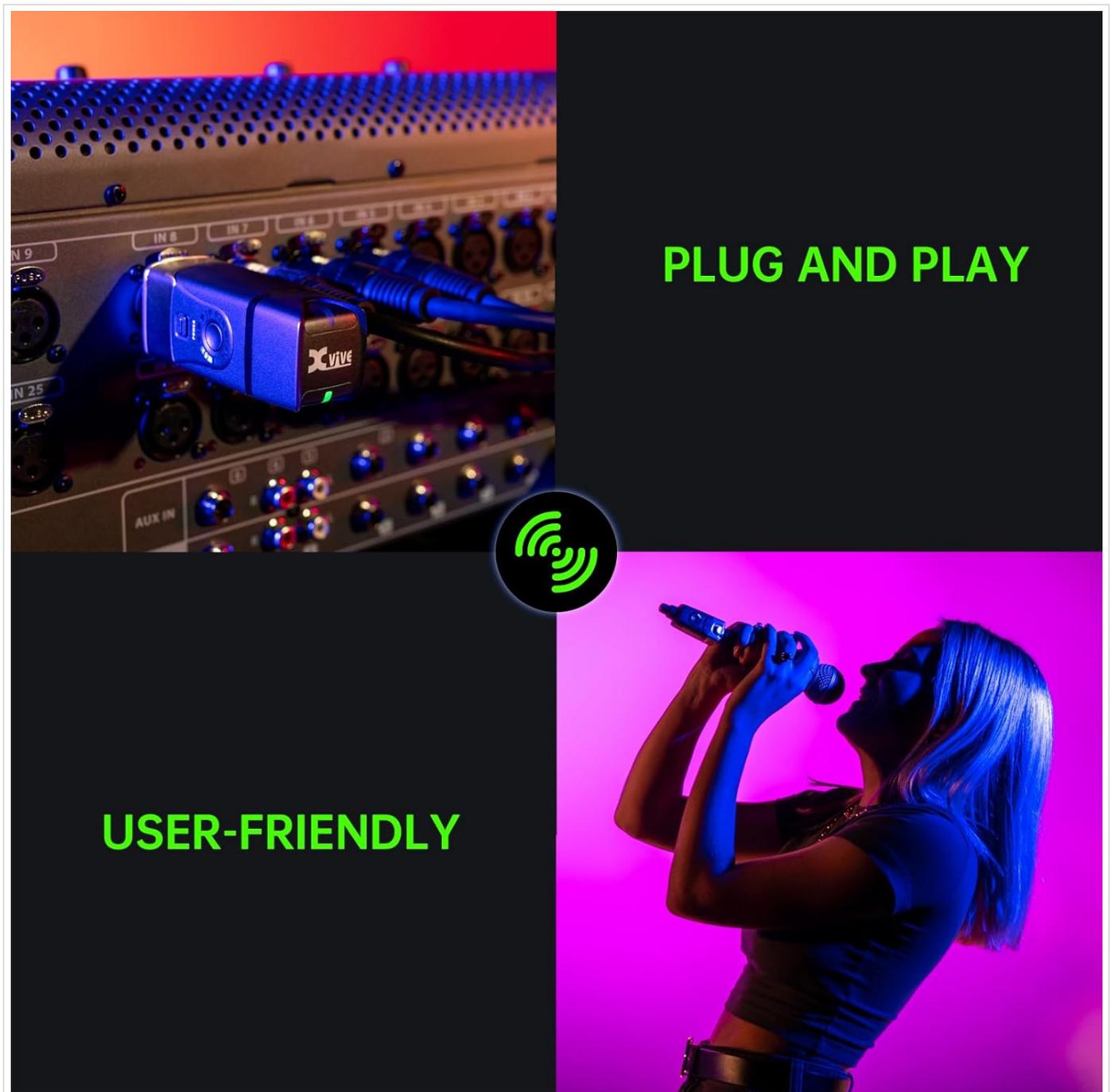


Figure 6: The Xvive U3 receiver seamlessly integrates with professional audio equipment, emphasizing ease of use.

5. OPERATION

Once set up, the Xvive U3 system is ready for use. Its low latency and stable connection make it ideal for live performances and recordings.

5.1. Mic and Line Modes

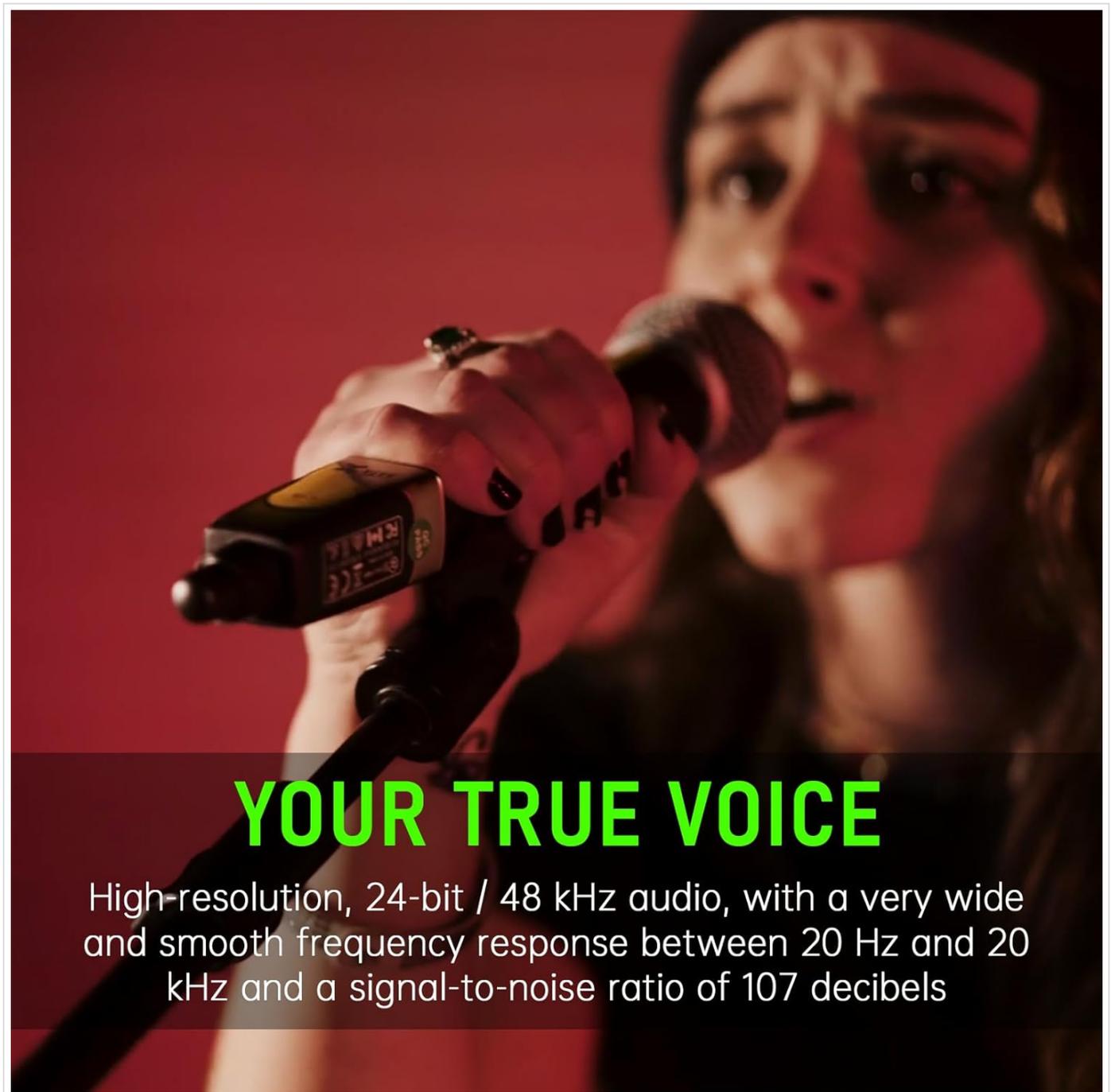
The U3 offers two distinct input modes:

- **Mic Mode:** Designed for dynamic microphones. This mode is suitable for standard vocal or instrument microphone applications.
- **Line Mode:** Provides a greater dynamic range, suitable for connecting to line-level outputs from devices such as audio mixers, computers, or MP3 players. This prevents signal clipping and distortion.

5.2. Wireless Performance

The 2.4GHz band ensures a solid RF connection up to 90 feet. The system delivers high-resolution 24-bit/48kHz audio

with less than 5ms latency, providing a virtually lag-free experience.



YOUR TRUE VOICE

High-resolution, 24-bit / 48 kHz audio, with a very wide and smooth frequency response between 20 Hz and 20 kHz and a signal-to-noise ratio of 107 decibels

Figure 7: The Xvive U3 system ensures your true voice is captured with high-resolution audio.

A CLEANER STAGE

Wireless systems create a polished, professional look by eliminating the clutter of cables, enhancing the visual appeal of any live performance.



Figure 8: Wireless systems like the Xvive U3 contribute to a cleaner stage setup, enhancing the visual appeal of performances.

6. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your Xvive U3 system, follow these maintenance guidelines:

- **Battery Care:** Both the transmitter and receiver contain rechargeable batteries. Avoid fully discharging the batteries frequently. Recharge them regularly, especially if the units will be stored for an extended period.
- **Cleaning:** Use a soft, dry cloth to clean the units. Do not use abrasive cleaners or solvents.
- **Storage:** Store the system in a cool, dry place away from direct sunlight and extreme temperatures.
- **Environmental Conditions:** Avoid using the system near water or in places with a high degree of humidity.

7. SAFETY INFORMATION

Please read and adhere to the following safety information:

- Handle batteries carefully.

- Do not use near water or places with high degree of humidity.
- This wireless device may experience interference with other wireless devices.

8. TROUBLESHOOTING

If you encounter issues with your Xvive U3 system, try the following solutions:

Problem	Possible Cause	Solution
No Sound / Intermittent Audio	Low battery on transmitter or receiver; Units not paired; Interference from other 2.4GHz devices; Out of range.	Charge both units; Ensure units are powered on and paired (indicator lights solid blue); Move away from other wireless devices (Wi-Fi routers, other wireless systems); Reduce distance between transmitter and receiver.
Distorted Sound	Incorrect mode selected (Mic/Line); Input signal too hot.	Ensure correct mode is selected (Mic for microphones, Line for line-level sources); Reduce the input gain on your mixer or the output level of the source device.
Units not pairing	Incorrect channel selected; Interference.	Ensure both units are on the same channel (1-6). Press the channel button on both units until they match. Try a different channel if interference is suspected.

9. SPECIFICATIONS

Feature	Detail
Item Weight	10.6 ounces
Product Dimensions	7 x 5 x 3 inches
ASIN	B07CNLJDST
Item Model Number	XV-U3
Batteries	2 CR2 batteries required (included)
Color Name	U3 XLR
Compatible Devices	Camera, Mixer, PA system
Connector Type	XLR
Hardware Interface	USB
Material Type	Acrylonitrile Butadiene Styrene (ABS), Alloy Steel
Size	U3
Battery Type	Lithium Ion
Charging Time	5 Hours
Power Source	Battery Powered
Voltage	3.7 Volts

Feature	Detail
Special Feature	Low Latency
Connectivity Technology	XLR

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Xvive website or contact their customer service directly. Specific warranty terms may vary by region and retailer.