

FULAIM X6

FULAIM X6 Compact Digital Wireless Microphone System

User Manual

1. INTRODUCTION

Thank you for choosing the FULAIM X6 Compact Digital Wireless Microphone System. This system is designed to provide high-quality audio for a variety of applications, including interviews, vlogging, podcasting, online lessons, live streaming, and video recording. Its 2.4 GHz wireless technology ensures stable and clear audio transmission. This manual will guide you through the setup, operation, and maintenance of your new microphone system.

2. WHAT'S IN THE BOX

Carefully unpack your FULAIM X6 system and ensure all components are present:

- 1 × Receiver (RX)
- 4 × Transmitters (TX)
- 1 × USB-C Adapter
- 1 × Lightning Adapter
- 1 × 3.5mm TRS Adapter Cable
- 4 × Magnetic Sheets
- 4 × Windshields (Furry Windscreen)
- 1 × USB-A to USB-C Charging Cable (for simultaneous charging)
- 1 × User Manual
- 1 × Travel Case

Niente Ansia da Batteria

Perfetto per riprese/live streaming di una giornata intera, possibilità di caricare mentre lo usi con il tuo telefono.



Image: All components included in the FULAIM X6 package.

Rimani Alimentato e Pronto

Ogni unità TX, RX e la custodia di ricarica ha una porta USB-C per la ricarica diretta.



Image: A detailed view of the FULAIM X6 system components, including the receiver, four transmitters, USB-C and Lightning adapters, 3.5mm cable, charging cable, magnetic sheets, and furry windshields.

3. PRODUCT OVERVIEW

The FULAIM X6 system consists of a receiver and four transmitters, designed for ease of use and high-quality audio capture.

Receiver (RX)

- **Compact Design:** Features an integrated clip for flexible mounting.
- **HD LED Display:** Provides real-time information on recording volume, battery levels, wireless signal, and gain.
- **USB-C Charging Port:** Supports charging during use.
- **3.5mm TRS Monitoring Port:** Allows real-time audio monitoring with headphones.

Accoppiamento Automatico per Plug-and-play

Plug-and-play, senza bisogno di app, senza configurazioni complesse.



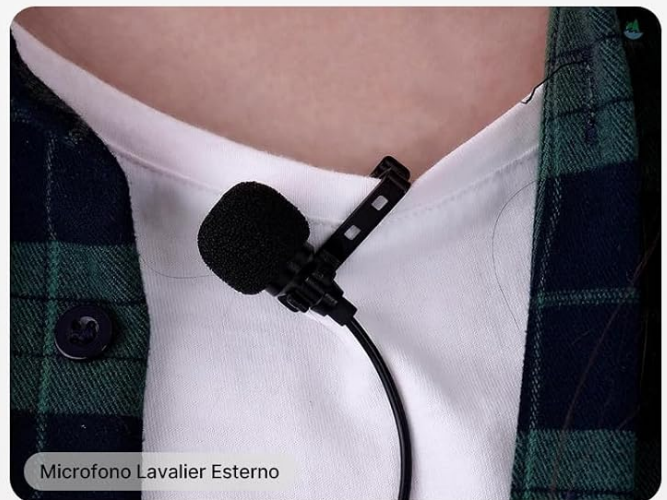
Image: The FULAIM X6 receiver's HD display, showing active channels, signal strength, battery status, and audio levels.

Transmitters (TX)

- **Lightweight and Portable:** Each transmitter has a back clip and magnetic attachment for easy fastening.
- **Omnidirectional Microphone:** Integrated high-quality condenser capsule for clear 360° sound.
- **Wind Protection:** Included windshields minimize wind noise.
- **Automatic Pairing:** Transmitters automatically pair with the receiver.

Più Modi per Connettersi

Quando i vestiti che indossi non sono adatti per il clip posteriore, i trasmettitori possono essere fissati anche tramite i magneti del clip.



Please note that the external lapel microphone is not included in the package.

Image: A FULAIM X6 transmitter, highlighting its clip and magnetic attachment for secure placement on clothing.

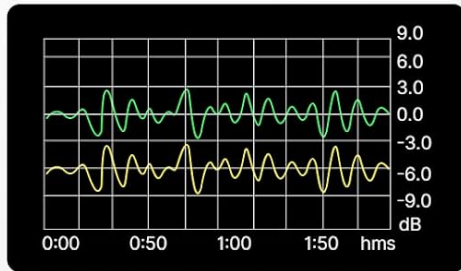
Più Soluzioni di Registrazione

Modalità Mono e Sicurezza selezionabili per una facile modifica audio in post-produzione.

Modalità MS (Mid-Side):

Ideale per un'adeguata regolazione della larghezza stereo in post-produzione, utile per musica o podcast.

- Traccia audio normale
- Traccia di sicurezza -6dB



Modalità Mono:

Ideale per fonti audio singole, come interviste o vlog. Cattura un canale audio, ideale per un audio focalizzato.

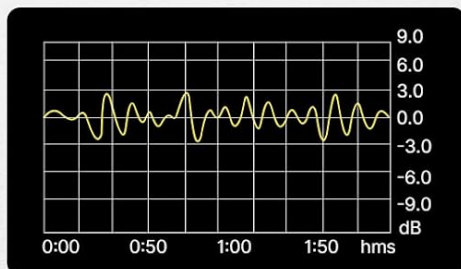


Image: A FULAIM X6 transmitter with the included furry windshield installed, demonstrating how to reduce environmental noise.

4. SETUP INSTRUCTIONS

4.1 Initial Charging

Before first use, fully charge all transmitters and the receiver. Use the provided USB-A to USB-C charging cable. All devices can be charged simultaneously. A full charge takes approximately 2.5 hours.

Lista dei contenuti



4 Trasmettitori



1 Ricevitore



Adattatore Type-C



Adattatore Lightning



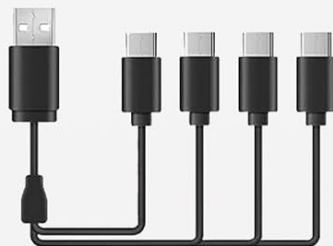
4 Fogli Magnetici



Custodia da viaggio



4 Paraventi



Cavo di ricarica



Adattatore 3,5 mm



Manuale utente

Image: The FULAIM X6 receiver and multiple transmitters connected to a charging hub, illustrating simultaneous charging.

4.2 Powering On and Automatic Pairing

1. Press and hold the power button on the receiver (RX) for a few seconds until the display lights up.
2. Press and hold the power button on each transmitter (TX) you intend to use.
3. The transmitters will automatically pair with the receiver. The receiver's display will show the connection status for each channel.

4.3 Connecting to Your Device

The FULAIM X6 system offers wide compatibility with various devices:

- **Cameras:** Mount the receiver onto your camera's hot shoe or cold shoe using its integrated clip. Connect the receiver's 3.5mm output to your camera's microphone input using the provided 3.5mm TRS adapter cable.
- **Smartphones (Android/iOS):** Attach the appropriate adapter (USB-C or Lightning) to the receiver's output port. Plug the adapter directly into your smartphone's charging/data port.
- **Laptops (Windows/Mac):** Connect the receiver to your laptop's USB-C port using the provided USB-C adapter.

Ampia Compatibilità

Compatibile senza problemi con fotocamere, laptop, iPhone e smartphone Android.

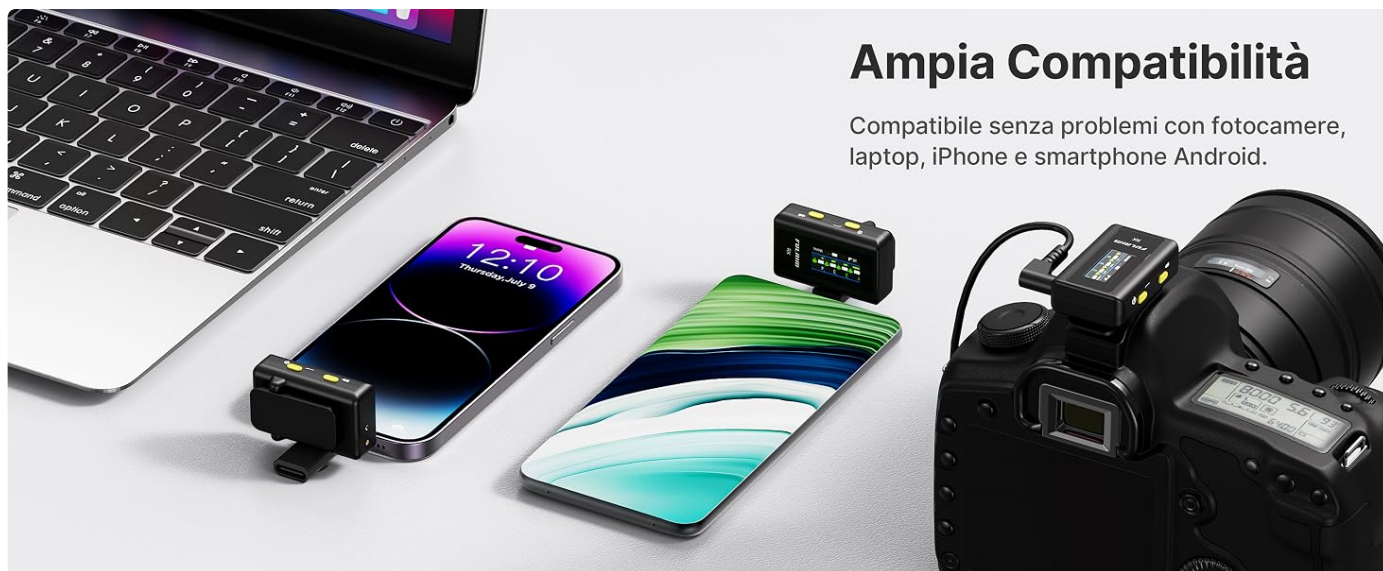


Image: The FULAIM X6 receiver demonstrating connectivity with a camera, an iPhone via Lightning adapter, and an Android phone via USB-C adapter, as well as a laptop.

4.4 Attaching Transmitters

Transmitters can be attached to clothing using the integrated clip or magnetic sheets:

- **Clip-on:** Use the back clip to securely attach the transmitter to collars, lapels, or pockets.
- **Magnetic Attachment:** For discreet placement or on thicker fabrics, use the magnetic sheets. Place one magnetic sheet inside the clothing and the transmitter on the outside, allowing the magnets to hold it in place.

Versatile per Molti Scenari



Image: Demonstrates various attachment methods for the FULAIM X6 transmitters, including clipping onto a shirt collar and using a magnetic sheet for a more concealed fit.

Your browser does not support the video tag.

Video: This video demonstrates the unboxing of the FULAIM X6 system, showing all included components. It then illustrates how to power on the receiver and transmitters, and how they automatically pair. The video also shows how to attach the furry windshields to the transmitters and how to connect the receiver to a smartphone and a camera.

5. OPERATING INSTRUCTIONS

5.1 Monitoring Audio

The receiver features a 3.5mm TRS monitoring port. Connect headphones to this port to monitor your audio in real-time and make necessary adjustments during recording.

Monitoraggio in Tempo Reale

Il ricevitore supporta il collegamento delle cuffie per monitorare lo stato della registrazione in tempo reale e fare regolazioni tempestive.



Image: A user monitoring audio output from the FULAIM X6 receiver via headphones, ensuring sound quality during a video shoot.

5.2 Noise Cancellation and Audio Modes

The FULAIM X6 incorporates advanced audio processing features:

- **Advanced Noise Cancellation:** An internal DSP chip automatically reduces unwanted background noise.
- **2-Level ENC Technology:** Enhances vocal clarity by actively suppressing environmental noise.
- **Low-Cut Filter:** Eliminates low-frequency noise (e.g., wind, rumble) for clearer sound.
- **Mono Mode:** Ideal for single audio sources like interviews or vlogs, capturing one audio channel for focused sound.
- **Safety Track Mode:** Provides a normal audio track and a safety track at -6dB, offering flexibility for post-production to prevent clipping.

Annullamento del Rumore a 2 Livelli Migliorato

Con filtraggio passa-basso e riduzione del rumore DSP, questo sistema elimina efficacemente i rumori di sottofondo mantenendo le voci chiare per un'esperienza di ascolto naturale.



Image: A visual representation of the FULAIM X6's 2-level enhanced noise cancellation and low-pass filter, illustrating how it effectively removes background noise while preserving vocal clarity.

Filtro Passa-Basso per Maggiore Chiarezza

Riduce i Rumori di Fondo come Vento e Vibrazioni.



Image: The FULAIM X6 receiver and transmitter, emphasizing the low-pass filter function which helps eliminate low-frequency background noise like wind and vibrations.

5.3 Playback Monitoring

When connected to a smartphone, you can instantly play back recorded audio through the phone's speaker without disconnecting the receiver. This allows for quick quality checks.

Monitoraggio della Riproduzione

Riproduci l'audio senza rimuovere il microfono e verifica istantaneamente la qualità del suono.



Image: A user playing back audio on a smartphone with the FULAIM X6 receiver still connected, allowing for immediate sound quality verification.

6. FEATURES OVERVIEW

- **Four-Channel Wireless System:** Supports simultaneous recording from 1 to 4 participants, making it versatile for group interviews, podcasts, and multi-person vlogs.
- **Wide Compatibility:** Seamlessly connects to cameras, Windows/Mac laptops, Android, and iOS smartphones using included adapters (USB-C, Lightning, 3.5mm TRS).
- **Real-time HD Display:** The receiver's bright LED screen provides essential information at a glance, including audio levels, battery status, and signal strength for each channel.
- **Integrated Omnidirectional Microphones:** Each transmitter features a high-quality condenser microphone for clear,

360° sound capture.

- **Advanced Noise Reduction:** Equipped with an internal DSP chip, 2-level ENC technology, and a low-cut filter to deliver crystal-clear audio by minimizing unwanted background noise.
- **Flexible Mounting Options:** Transmitters can be attached using a sturdy back clip or discreet magnetic sheets.
- **Long Battery Life & Charging During Use:** Transmitters offer up to 10 hours of operation. Both transmitters and the receiver support charging while in use, ensuring uninterrupted recording sessions.
- **Stable 2.4GHz Transmission:** Provides reliable audio transmission up to 50 meters (164 ft.) in open, interference-free environments.
- **Real-time Monitoring & Playback:** Monitor audio via the receiver's 3.5mm headphone jack and check recordings instantly on your smartphone without disconnecting.
- **48kHz/24-bit Audio Recording:** Delivers high-fidelity, CD-quality sound with a wide frequency response of 30Hz–20kHz and a 70dB Signal-to-Noise Ratio.



Image: An overview highlighting the FULAIM X6's key features, such as 4-person recording capability, advanced noise cancellation, 48kHz/24-bit audio quality, real-time monitoring, and versatile connectivity.

7. CHARGING

The FULAIM X6 system is designed for extended use with its rechargeable lithium polymer batteries. Each transmitter provides up to 10 hours of battery life.

7.1 Charging the System

Use the included USB-A to USB-C charging cable to charge the receiver and all four transmitters simultaneously. Connect the multi-head USB-C cable to a standard USB power adapter (not included). A full charge takes approximately 2.5 hours.



Carica il Tuo Telefono Anche Durante la Registrazione

Il ricevitore supporta la ricarica durante la registrazione, garantendo una concentrazione ininterrotta sul tuo lavoro.

Nota: Scollegare o collegare il cavo di ricarica durante la registrazione causerà un'interruzione di 5 secondi.

Image: The FULAIM X6 receiver connected to a smartphone, demonstrating its ability to charge the phone while recording, ensuring continuous operation.

7.2 Charging During Use

The receiver supports charging while it is connected to your recording device. This feature allows for prolonged recording sessions without interruption. Note: Disconnecting or connecting the charging cable during recording may cause a brief 5-second interruption.

8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the devices. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the system in the provided travel case when not in use to protect it from dust and damage. Keep it in a cool, dry place.
- **Battery Care:** To prolong battery life, avoid fully discharging the batteries frequently. If storing for an extended period, charge the devices to about 50% every few months.

9. TROUBLESHOOTING

9.1 No Audio Output

- Ensure the receiver is correctly connected to your recording device (camera, smartphone, laptop) using the appropriate adapter.
- Check that both the receiver and transmitters are powered on and paired. The receiver's display should show active channels.
- Verify the volume levels on both the receiver and your recording device.
- Ensure the transmitters are not muted.

9.2 Poor Audio Quality / Noise

- Ensure transmitters are placed correctly and not rubbing against clothing.
- Attach the furry windshields to reduce wind noise, especially outdoors.
- Activate the noise reduction features (ENC, Low-Cut Filter) on the receiver if experiencing significant background noise.

- Check for potential interference sources (e.g., Wi-Fi routers, other 2.4GHz devices) and try to move away from them.
- Ensure the distance between the transmitter and receiver is within the effective range (up to 50m in open environments).

9.3 Device Not Pairing

- Ensure both the receiver and transmitters are fully charged.
- Power off and then power on all devices to re-initiate the automatic pairing process.
- Ensure no other 2.4GHz devices are causing interference during pairing.

10. SPECIFICATIONS

Feature	Detail
Brand	FULAIM
Model Name	X6
Connectivity Technology	2.4Ghz Wireless
Special Features	Clip, Volume Control, Mute Mode, Noise Reduction, Battery Indicator Light
Compatible Devices	Laptop, Camera, Smartphone, Tablet, Camcorder
Color	Black
Polar Pattern	Omnidirectional
Microphone Form Factor	Mini
Connector Type	3.5 mm Jack, USB Type-C, Lightning
Power Source	Battery Powered
Number of Batteries	5 Lithium Polymer batteries (included)
Signal-to-Noise Ratio	70 dB
Number of Channels	4
Frequency Response	30 Hz - 20 KHz
Noise Level	70 Decibel
Material	Plastic
Manufacturer Part Number	EU-X6-1V4
Country of Origin	China

11. WARRANTY AND SUPPORT

The FULAIM X6 Compact Digital Wireless Microphone System comes with a 2-year manufacturer's warranty. For warranty claims, technical support, or any inquiries, please contact your retailer or visit the official FULAIM website. Please retain your proof of purchase for warranty service.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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.

Submit question