

SYNCO SY-XTALK-X5

SYNCO XTALK X5 Wireless Intercom Headset System User Manual

Model: SY-XTALK-X5

PRODUCT OVERVIEW

The SYNCO XTALK X5 is a 2.4GHz full-duplex wireless intercom headset system designed for seamless group communication. This system allows up to five individuals to communicate simultaneously, offering a decentralized setup where any remote unit can function as the master, ensuring uninterrupted communication even if the primary master unit is unavailable or runs out of battery.

Key features include a stable 2.4GHz frequency for reliable communication up to 350 meters (1148 feet) line-of-sight, a unique 3.5mm port for real-time audio monitoring from external devices, and advanced AEC noise reduction technology for crystal-clear audio in noisy environments. The system boasts a low-power design, providing up to 24 hours of working time with replaceable batteries and convenient Type-C charging.

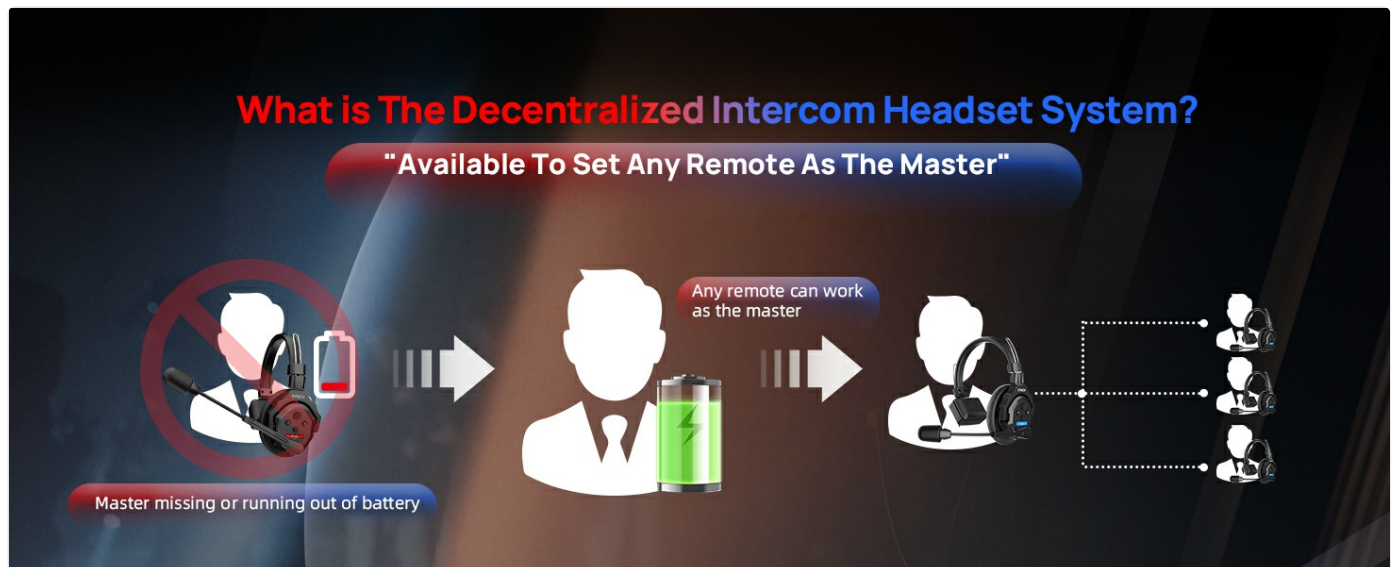


Image: Overview of the SYNCO XTALK X5 system's core features.

WHAT'S IN THE BOX

The SYNCO XTALK X5 system comes with the following components:

- XTALK Headset x5
- Mic Windshield x5
- Charging Cable x3

- Charging Station x3
- Rechargeable Battery x5
- One-Ear Foam Cushions x5
- Carrying Bag x5
- Storage Bag x1



Image: Contents of the SYNCO XTALK X5 package.

SETUP

1. Battery Installation and Charging

Before first use, ensure all rechargeable batteries are fully charged. Insert the batteries into the designated slots on each headset. The system supports Type-C charging for convenience.

1. Locate the battery compartment on each headset.
2. Insert the rechargeable battery, ensuring correct polarity.
3. Connect the charging cable to the Type-C port on the headset or use the charging station for multiple batteries.
4. A full charge takes approximately 2.5 hours.

Unique 3.5mm TRS Real-time Monitoring

Exclusive 3.5mm monitor port supports real-time monitoring, listening to cameras, video recorders and other devices while talking to your team.



Real-time monitoring without additional headset because of the exclusive 3.5mm TRS port. (3.5mm TRS cable isn't included)

Image: Battery installation in the headset.

Type-C Port & Replaceable Battery Power Supply, Enjoy All Day

Two power supply modes and low-power design ensures you to easily stay communicative throughout the day.



Master & Remote Headset
working time

24H

Charging Time

2.5H

Type-C Power Supply

5V 2A

Battery Capacity

1050 mAh

Image: Type-C charging port on the headset.

2. Initial Pairing (Ready Out of the Box)

The SYNCO XTALK X5 system comes pre-paired from the factory, allowing for immediate use upon arrival. Simply power on the headsets, and they will automatically connect.

1. Turn on each XTALK headset.
2. The headsets will automatically establish a connection.
3. Voice prompts will guide you through actions.

Note: Manual pairing is only required if you need to reset a unit as the master or reconfigure the system. Refer to the "Troubleshooting" section for master unit reset instructions.



Image: Features for quick setup and comfortable use.

OPERATING INSTRUCTIONS

Basic Operation

- **Power On/Off:** Press and hold the power button until the indicator light illuminates/extinguishes.
- **Volume Adjustment:** Use the '+' and '-' buttons on the headset to increase or decrease the volume.
- **Mute/Unmute Microphone:** Rotate the microphone boom arm up to mute and down to unmute. This provides quick and intuitive control over your audio input.

Advanced Features

- **Decentralized Master Function:** The XTALK X5 system allows any remote headset to be set as the master unit. This ensures continuous communication even if the original master unit's battery is depleted or it is lost. This feature eliminates the need for a central hub.
- **Domination Mode:** Press and hold the 'B' button on the master headset to activate Domination Mode. In this mode, the master unit can speak, and all remote units will be muted, allowing the master to deliver instructions without interruption.
- **Real-time Monitoring:** Each XTALK X5 headset is equipped with an exclusive 3.5mm TRS port. This allows users to connect to external audio sources like cameras or recorders for real-time monitoring while communicating with their team. This is particularly useful for field control personnel, directors, and supervisors.

Experience Unparalleled Audio Clarity with XTALK X5



150Hz-7KHz

Before




After



XTALK eliminates echoes, unwanted ambient noise, ensuring crystal-clear audio on communication.


Image: Decentralized master function for continuous communication.

Innovative 2.4G Frequency to Avoid Crosstalk Trouble



Other

Intercom crosstalk, frequency band interference



XTALK

X5 innovative 2.4GHz frequency, to avoid crosstalk interference

Image: Real-time monitoring via the 3.5mm TRS port.

PERFORMANCE AND TECHNOLOGY

2.4GHz Full Duplex Communication

The XTALK X5 operates on a 2.4GHz frequency, providing stable and secure full-duplex communication. This allows for simultaneous two-way conversation, similar to a phone call, without interruptions or crosstalk. The system offers an impressive line-of-sight range of up to 350 meters (1148 feet), ensuring reliable connectivity across various environments.



Image: Extended communication range and stability.

Advanced Noise Reduction (AEC)

Equipped with advanced Acoustic Echo Cancellation (AEC) technology, the XTALK X5 effectively eliminates echoes, reverberation, and unwanted ambient noise. This ensures that human voices are accurately captured and highlighted, providing crystal-clear conversations even in challenging, noisy environments.



Image: AEC noise reduction for clear audio.

Extended Battery Life

The XTALK X5 features a low-power design and utilizes replaceable batteries, offering up to 24 hours of continuous working time. This extended battery life ensures all-day team communication without frequent recharging. The ability to quickly swap batteries or use Type-C power supply further enhances operational flexibility.



Image: Battery and charging features for extended use.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your SYNCO XTALK X5 headset system.

- **Cleaning:** Use a soft, dry cloth to wipe down the headsets. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the electronic components or ports. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** When not in use, store the headsets in the provided storage bag or carrying bags to protect them from dust, moisture, and physical damage. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, ensure batteries are partially charged (around 50%) to preserve their lifespan. Avoid fully discharging batteries before recharging them regularly.
- **Microphone Windshields:** Replace mic windshields periodically if they become worn or dirty to maintain optimal audio clarity and hygiene.

TROUBLESHOOTING

This section addresses common issues you might encounter with your SYNCO XTALK X5 system.

Problem	Possible Cause	Solution
No audio / Cannot communicate	Headset not powered on; Low battery; Out of range; Not paired correctly.	Ensure headsets are powered on. Check battery level and recharge if necessary. Move closer to other headsets. If issues persist, perform a master unit reset and re-pairing.
Poor audio quality / Static	Interference; Microphone not positioned correctly; Damaged mic windshield.	Move away from potential sources of interference (e.g., other 2.4GHz devices). Adjust microphone closer to your mouth. Replace mic windshield if damaged.

Problem	Possible Cause	Solution
Headsets not pairing automatically	System configuration changed; Pairing data corrupted.	Master Unit Reset Procedure: <ol style="list-style-type: none">1. Ensure all headsets are powered off.2. Select one headset to be the new master.3. Refer to the detailed user guide (PDF) for specific button combinations to initiate master reset and re-pairing for all units. (Link to PDF provided in Support section).4. Once the new master is set, power on other headsets one by one to re-pair them.
Short battery life	Battery not fully charged; Old battery; Extreme temperatures.	Ensure batteries are fully charged before use. Consider replacing old batteries. Operate and store within recommended temperature ranges.

SPECIFICATIONS

Feature	Detail
Model Name	SYNCO X-talk X5
Connectivity Technology	Wireless
Wireless Communication Technology	2.4GHz
Noise Control	Adaptive Noise Cancellation (AEC)
Frequency Range	150Hz - 7kHz (for noise reduction) / 20Hz - 20kHz (general audio)
Headphones Jack	3.5 mm Jack (for monitoring)
Battery Life	Up to 24 Hours
Charging Time	2.5 Hours
Item Weight	188 Grams (6.6 ounces)
Material	Durable Fabric
Ear Placement	Over Ear
Impedance	32 Ohm
Number of Items	5 (in this package)
Manufacturer	SYNCO

WARRANTY AND SUPPORT

SYNCO provides comprehensive customer support for its products.

- **Customer Service:** SYNCO offers 365 days of customer service. For any inquiries or assistance, please contact

SYNCO's official support channels.

- **User Guide (PDF):** A detailed user guide in PDF format is available for download. This document contains in-depth instructions for advanced configurations and troubleshooting. You can access it via this link: [SYNCO XTALK X5 User Guide PDF](#)