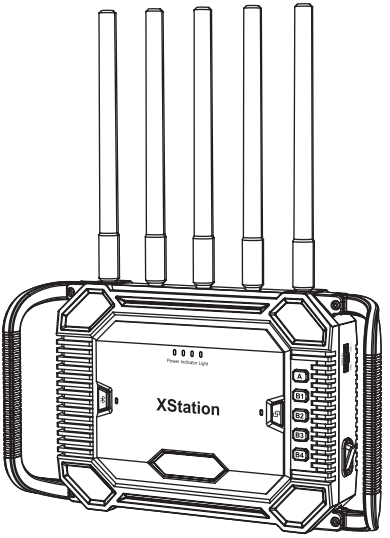


Xtalk XStation

Wireless Intercom Base Station

User Manual

—

Thank you for choosing SYNCO product. Please read this manual carefully before use and follow all instructions mentioned herein.

Caring For Your SYNCO Product

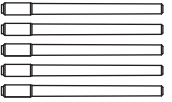
- Please keep the product in a dry, clean, dust-free environment.
- Keep corrosive chemicals, liquids, and heat sources away from the product to prevent mechanical damage.
- Use only a soft and dry cloth for cleaning the product.
- Malfunction may be caused by dropping, the impact of external force.
- Do not attempt to disassemble the product. Doing so voids the warranty.
- Please have the product checked or repaired by authorized technicians if any malfunctions happen.
- Failure to follow all the instructions may result in mechanical damage.
- Warranty does not apply to human errors.

Packing List

XStation Kit



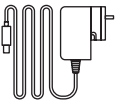
Base Station x1



Antenna x5



Carrying Case x1



DC Power Adapter x1



Storage Bag for Antenna x1

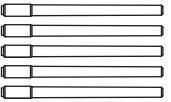


User Manual x1

XM20 (with XStation) Kit



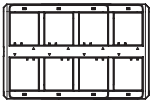
Base Station x1



Antenna x5



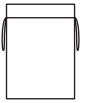
Carrying Case x1



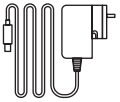
8-Slot Charging Station x2



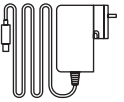
Headset (Single-Ear Cup) x20



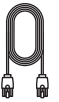
Carrying Bag for Headset x20



Power Adapter for XStation x1



Power Adapter for 8-Slot Charging Station x2



Cat5e Ethernet Cable (3m) x1



Data Cable x1



Rechargeable Battery x40



Mic Windshield x20



One-Ear Foam Cushion x20

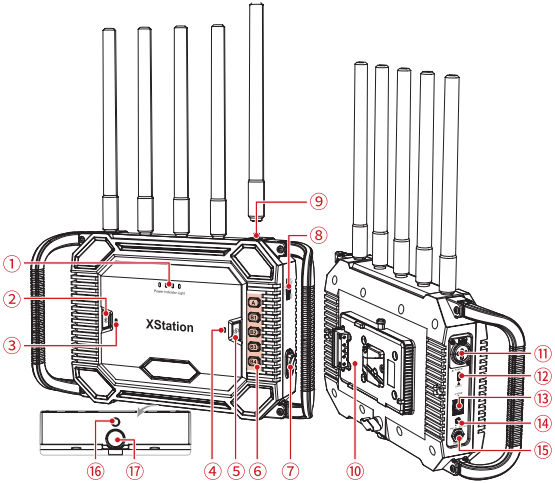


Hook and Loop Label x20



User Manual x1

Product Introduction

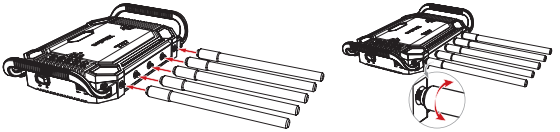


01. Battery Indicator
02. Bluetooth Pairing Button
03. Bluetooth Indicator
04. Pairing Indicator
05. Pairing Button
06. Group Button
07. Power Switch
08. Volume Control Wheel (PGM IN)
09. Antenna Interface
10. V-Mount Battery Plate
11. PGM Audio Input Interface (XLR Port)
12. USB-C Port (For UAC audio)
13. RJ45 Port (4-Wire)
14. 4-Wire Pinout Selector Switch
15. DC Input
16. 1/4" Threaded Hole
17. 5/8" Threaded Hole

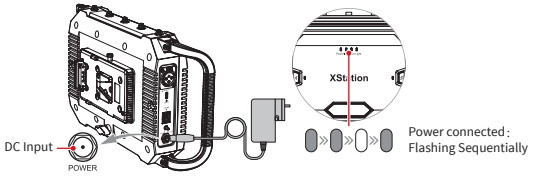
Operations

1. Installation

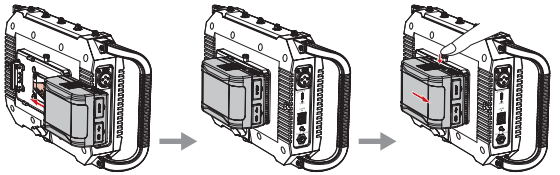
(1). Install the Antennas.



(2). Connect to the DC power adapter or Install a V-Mount battery.

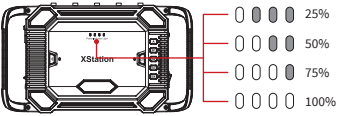


DC Power Adapter Connection



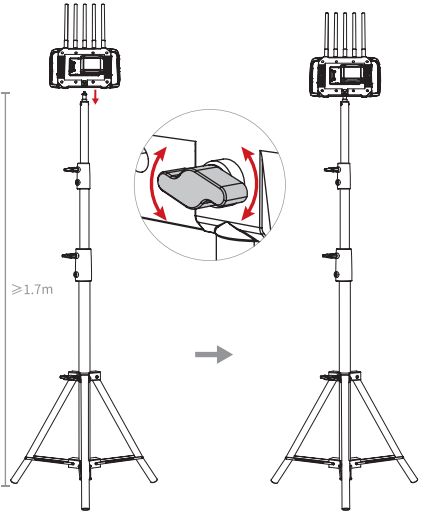
V-Mount Battery Installation/Removal

The four indicator lights represent 25%, 50%, 75% and 100%, with the number of lights indicating the corresponding battery level.



(3). Mount the XStation on a stand.

NOTE: Mount the XStation at a height of at least 1.7 m (5.6 ft) to minimize signal obstruction from the human body and other obstacles.



2. Power On/Off

Power on: Press " — ".

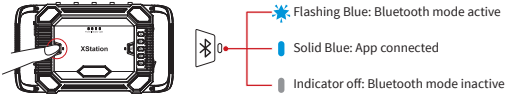
Power off: Press " o ".



3. Bluetooth Connection

(1). Long press the Bluetooth Pairing Button to enable Bluetooth mode.

Indicator:



(2). Open the SYNCO AUDIO App, add the XStation to the device list.

SYNCO AUDIO App

One-tap pairing and smart group management with the SYNCO AUDIO App.

Control your devices intuitively and access more advanced features.

Download on the App Store

Download on the Play Store

SYNCO AUDIO

SYNCO AUDIO App User Guide

4. Headset Pairing

*The XStation supports up to 20 SYNCO Master intercom headsets.

*Devices in the XM20 / XM20D + XStation kit are pre-paired and ready to use.

*Pair via the app or manually.

Manual Pairing - No Grouping Required

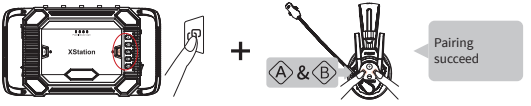
(1). Long press the Pairing Button on the XStation to enter the pairing mode (Indicator: Solid Red).

(2). Long press both the A and B buttons on the headset to enter pairing mode. Release after hearing "Pairing Successful". (Up to 20 headsets can be paired simultaneously).

(3). To complete the pairing process, long press the pairing button on the XStation to exit the pairing mode (Indicator off) after all headsets are paired.

*Intercom function is only active once the XStation exits pairing mode.

*After the XStation exits the pairing mode, the indicator on the headset's boom arm staying on (Green) signifies a successful connection.



Manual Pairing - Grouping Required

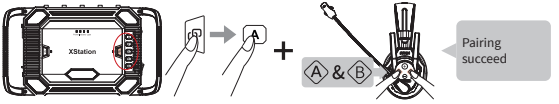
(1). Long press the Pairing Button on the XStation to enter the pairing mode (Indicator: Solid Red), then short press the Group Button (A/B1/B2/B3/B4) to add the headset to the target group.

(2). Long press both the A and B buttons on the headset to enter pairing mode. Release after hearing "Pairing Successful". (Up to 20 headsets can be paired simultaneously)

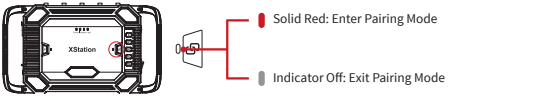
(3). To complete the pairing process, long press the pairing button on the XStation to exit the pairing mode (Indicator off) after all headsets are paired.

*Intercom function is only active once the XStation exits pairing mode.

*After the XStation exits the pairing mode, the indicator on the headset's boom arm staying on (Green) signifies a successful connection.



Indicator-XStation:



Indicator-Headset:



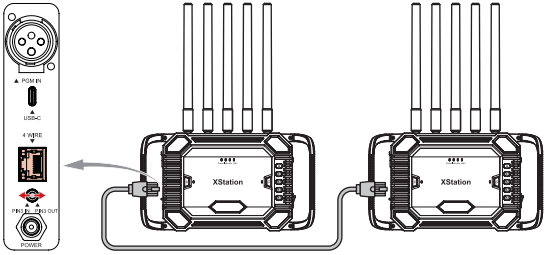
5. Group Assignment

Headset group assignment can only be set during pairing.

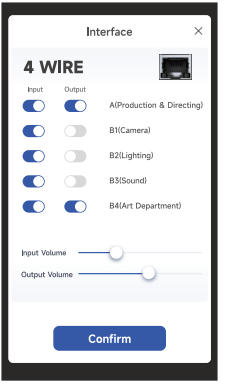
To change the group, use the SYNCO AUDIO App.

6. Dual-Base Station Cascade

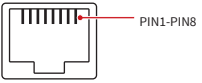
* It supports cascading with a 4-wire device. Use the Pinout Selector Switch to match the pinout.
* When cascading two XStations, the system supports up to 40 SYNCO Master intercom headsets.
* Use the Cat5e Ethernet cable to connect.
* Maximum recommended cascade cable length: 300m (984 ft).



* You can select which group(s) send/receive the audio, and control the volume on the App.



RJ45 Pinout



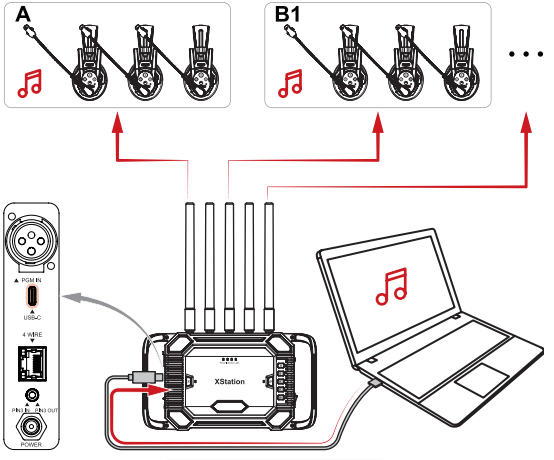
Standard Pinout			
PIN1	GND	PIN5	AUDIO OUT-
PIN2	GND	PIN6	AUDIO IN-
PIN3	AUDIO IN+	PIN7	GND
PIN4	AUDIO OUT+	PIN8	GND

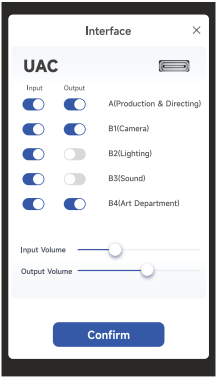
Crossover Pinout			
PIN1	GND	PIN5	AUDIO IN-
PIN2	GND	PIN6	AUDIO OUT-
PIN3	AUDIO OUT+	PIN7	GND
PIN4	AUDIO IN+	PIN8	GND

7. USB Audio (UAC) Connection

Connect the XStation to a computer using a USB-C data cable via the USB-C port. The audio played back on the computer will be shared with the paired headsets. (Drive: SYNCO XStation UAC Audio)

*You can select which group(s) send/receive the audio, and control the volume on the App.



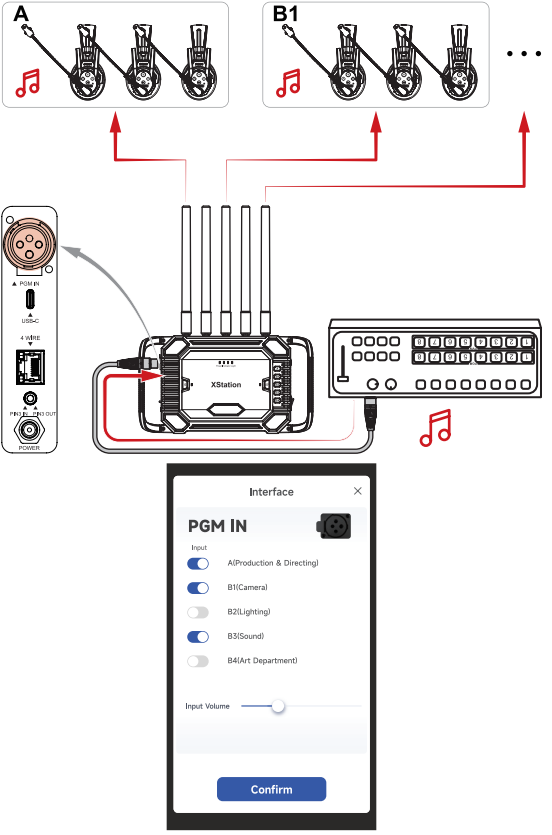


8. XLR Audio Input Connection

Connect the XStation to a production switcher or audio console via the PGM audio input using a standard XLR cable. The audio from the connected device is shared with the paired headsets.

*You can select which group(s) receive the audio on the App.

*You can control the volume via the wheel or the App.



Specifications

Range	400m (LOS)
RF Frequency Band	2.4GHz
Modulation	GFSK
Transmit Power	20dBm
RF Protocol	Proprietary
Latency	＜ 50ms
Frequency Response	150Hz~7KHz
Audio Sample Rate	8KHz, 16bit
SNR	65dB
Power Supply	V-Mount battery DC: 6~16.8V
Power Consumption	5W
Transmission Mode	Full-duplex
Operating Temperature	-15~45℃

WARRANTY

Warranty Period

Thank you for purchasing SYNCO products.

1. Customers are entitled to free replacement or repair service in case of quality defect(s) found in the product under normal use within 30 days of receipt of the product.

2. Original SYNCO products are entitled to a 12-month limited warranty service.

The warranty period begins on the date of purchase of brand-new, unused products by the first end-user.

Within the warranty period, if the product defect or failure is attributable to material defection or technological problem, the defective product or defective part will be repaired or replaced without charge (service and materials fee).

Warranty Exclusions and Limitations

1. Faults resulted from inappropriate use of a product without following its operation specification.

2. Artificial damage, e.g. crash, squeeze, scratch, or soaking.

3. Modifications to a product by its user or a third party without prior written consent of SYNCO, e.g. replacement of element or circuit, label alteration.

4. The code on the product is inconsistent with that of the warranty certificate, or

the code on the product or warranty certificate is altered or torn off.

5. All consumable accessories attached to a product, like cable, wind muff, battery
6. Faults as a result of force majeure, such as fire, flood, lightning, etc.

Warranty Claim Procedure

1. If failure or any problem occurs to your product after purchase, please contact a local agent for assistance, or you can always contact SYNCO's customer service through email at support@syncoaudio.com.
2. Please retain your sales receipt and warranty certificate as proof of purchase. If any of these documents is missing, only sales return or chargeable service will be provided.
3. If the SYNCO product is out of warranty coverage, the service and the parts cost will be charged.

Guangzhou Zhiying Technology Co., Ltd

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