

## **Xtalk Link**

### **Signal Boost**

User Manual

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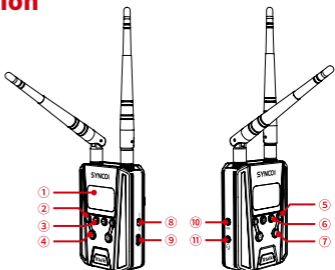
Thank you for choosing SYNCO product. Please read this manual carefully before use and follow all instructions mentioned herein.

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# Product Introduction

- ① Screen
- ② Button A
- ③ Button +
- ④ Group A Talking Button
- ⑤ Button B
- ⑥ Button -
- ⑦ Group B Talking Button
- ⑧ Power On/Off Toggle
- ⑨ Type-C Port
- ⑩ Line In Mode Port
- ⑪ 3.5mm Mic Port

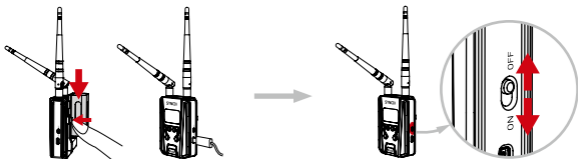


## Operations

### 1. Power On/ Off

**Power On:** Press the locking button on the back then install the NPF battery, or connect an external power source (5V 2A) to the Type-C port. Push the power toggle switch downwards to turn it off.

**Power Off:** Push the power toggle switch upwards to turn it on.

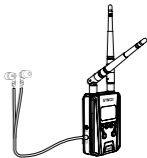


\* Please use at a height of 1.5 to 2m above the ground.

### 2. Intercom Function

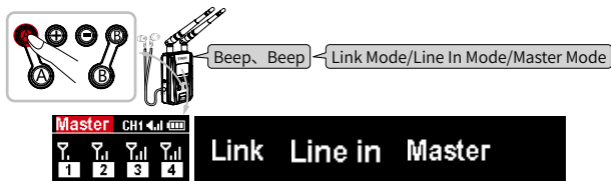
Connect an external microphone headset to the 3.5mm mic port for talking with group members and listening to voice prompts.

\* This feature is only available in Master Mode and Link Mode and it is not supported in Line In Mode.



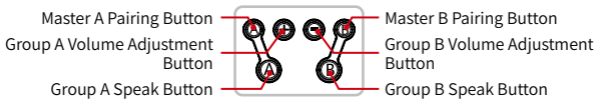
### 3. Master Mode/Link Mode/Line In Mode Settings

Connect the headset to the 3.5mm mic port, then long press the top button A, release after the 2nd "Beep" sound, and see the "Link Mode/Line In Mode/Master Mode" on screen.



### 4. Link Mode

Button Introduction

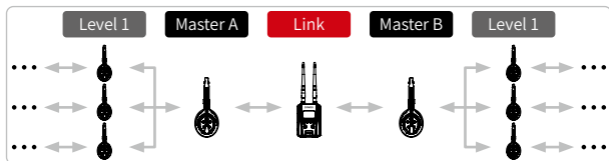


#### 4.1 Pairing/Unpairing

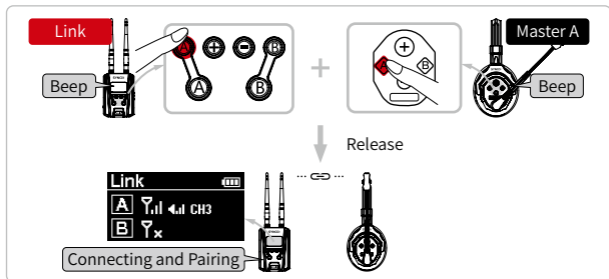
In Link Mode, you can pair the link with Master A and Master B to connect with A and B Groups.

##### Pairing

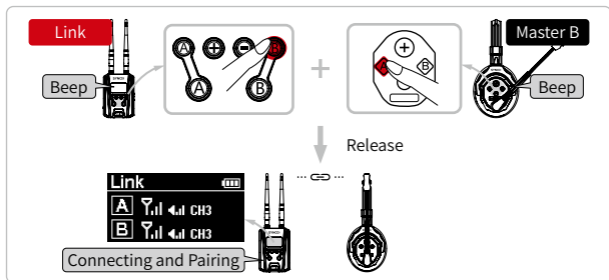
- \* The Link can only pair with Master A/B of group A/B.
- \* Other A/B Group headsets do not require pairing with the Link.



1. Pair Master A: Within 2 minutes, long press top button A on the Link and button A on Master A, release after the 1st "Beep" sound, and hear "Connecting and Pairing". The Link's screen will show the icon with signal bars on the Master A icon.
2. Restart the Link and Master A before use.



3. Pair Master B: Within 2 minutes, long press top button B on the Link and button A on Master B, release after the 1st "Beep" sound, and hear "Connecting and Pairing". The Link's screen will show the icon with signal bars on the Master B icon.
4. Restart the Link and Master B before use.



## Unpairing

Long press the top button A/B on the Link, release after the 1st "Beep" sound, and hear "Unpairing".



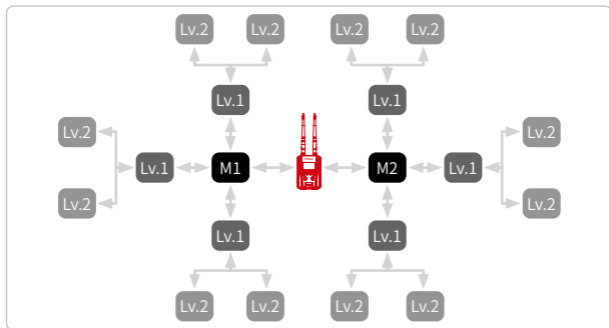
## \* Pairing Capacity

\* In Link Mode, by connecting unlimited Link, you can connect unlimited Xtalk headsets, supporting  $8N + 13$  users talking (N for the quantity of Link).

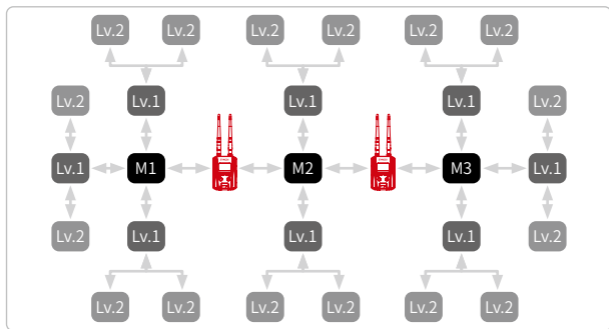
EG:

Connect with 1 Link to support up to 21 users talking.

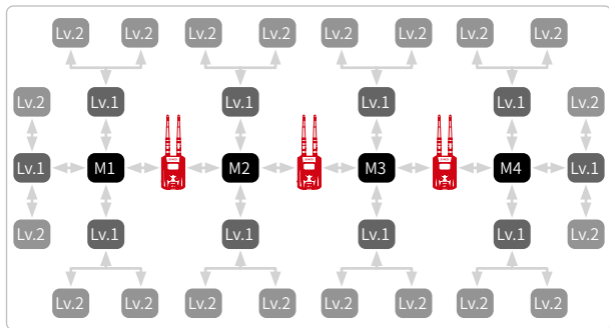
(Note: M=Master, Lv.1=Level 1, Lv.2=Level 2)



Connect with 2 Link to support up to 29 users talking.  
(Note: M=Master, Lv.1=Level 1, Lv.2=Level 2)



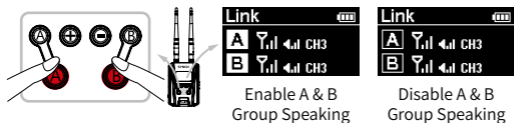
Connect with 3 Link to support up to 37 users talking.  
(Note: M=Master, Lv.1=Level 1, Lv.2=Level 2)



#### 4.2 Enable A/B Group Speaking

Short press the down button AB until it lights up red to activate the intercom function. Press it again to mute the group A/B.

\* Even muting Group A/B, the Link can hear all headsets talking.



### 4.3 Volume Settings

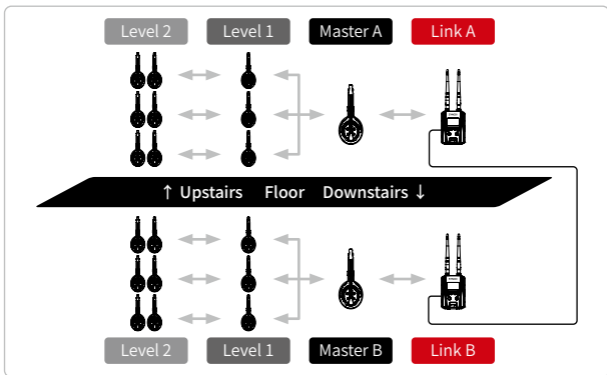
Group A Volume: Short press the button + to adjust from low/medium/high volume levels.

Group B Volume: Short press the button - to adjust from low/medium/high volume levels.



### 5. Line In Mode

If signals of group communication are disrupted by physical obstructions (e.g., concrete walls), you can use a custom cable to connect multiple Link and improve signal stability.



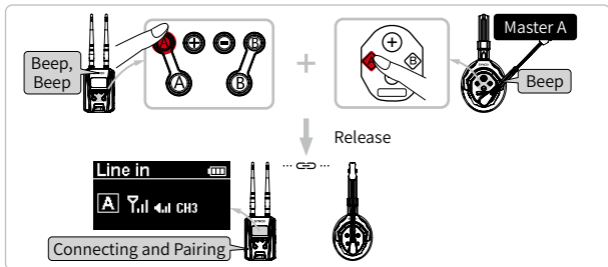
\* In Line In Mode and for the wireless-connect method, the Link can only pair with a Master headset.

## Pairing

1. Switch the Link to Line In Mode: Long press top button A on the link, release after the 2nd "Beep" sound, and hear "Line In Mode".

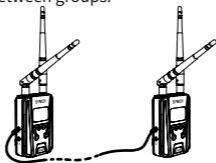


2. Within 2 minutes, long press top button A on the link and button A on Master A, release after the 1st "Beep" sound, and hear "Connecting and Pairing". The Link's screen will show the icon with signal bars on the Master A icon.



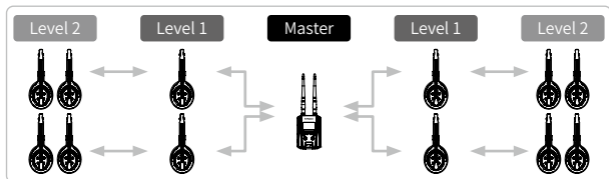
3. Restart the Link and Master A before use.

4. Insert the connection cable into the Line In port and connect to other Link to enhance signal strength between groups.



## 6. Master Mode

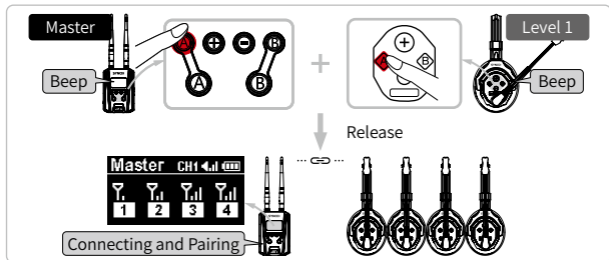
\* In Master Mode, the Link can pair with up to 12 Xtalk headsets (4 Level 1 and 1-8 Level 2), supporting 13 users total.



### 6.1 Pairing/Unpairing

#### Pairing

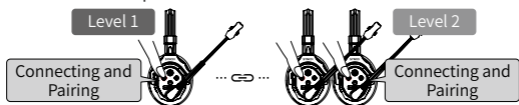
1). Within 2 minutes, long press the top button A on the Link and button A on Level 1, release after the 1st "Beep" sound, and hear "Connecting and Pairing". The Link's screen will show the icon with signal bars.



2). Restart the Link and all Level 1 before use.

3). Pair Level 2 (If Needed): Within 2 minutes, long press button A on Level 1 and Level 2, release after the 1st "Beep" sound, and hear "Connecting and Pairing".

\* A Level 1 can connect up to 2 Level 2.



4). Restart all devices before use.

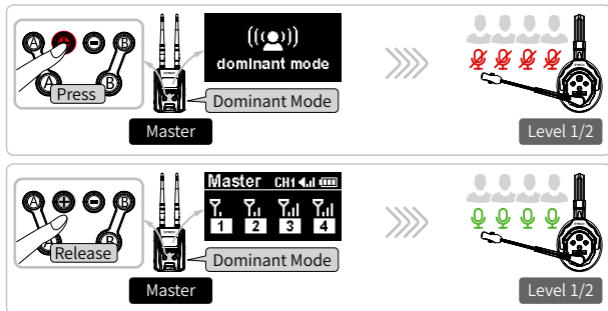
### Unpairing

Long press the top button A on the Link, release after the 1st "Beep" sound, and hear "Unpairing".



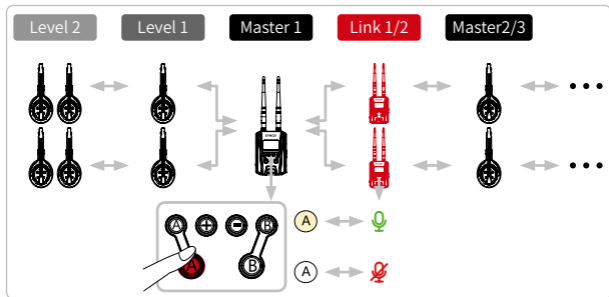
### 6.2 Dominant Mode

Press and hold the down button B and hear "Dominant Mode" or see the screen show "Dominant Mode" to enter the dominant mode for muting other headsets. Other headsets are still available for listening and only the Master is available for speaking. Release the down button B to exit the dominant mode.



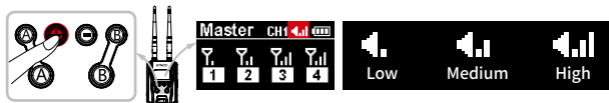
### 6.3 Mute/Unmute the Link

Short press the down button A until it lights up red to activate the intercom function. Press it again to mute the Link.



### 6.4 Volume Adjustment

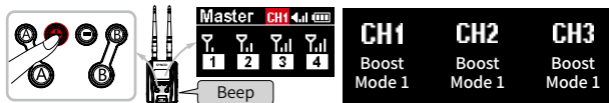
Short press the button + to adjust from low, medium, and high volume levels.



### 6.5 Boost Mode

When poor signal, switch the Boost Mode to amplify the signal, improving communication clarity and stability, and reducing interruptions and disconnections. (\* Mode 1 by default. )

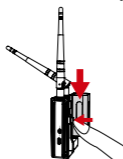
Long press the button +, release after the 1st "Beep" sound to switch the mode and hear "Boost Mode 1/Boost Mode 2/Boost Mode 3".



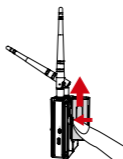
## 7. Powering

1. NP-F Battery: Compatible with NP-F970/750/550.

Press the lock and slide the battery in or out.



Install



Remove

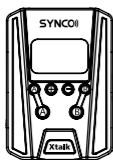
2. External Power: Connect a 5V 2A power source to the Type-C port.



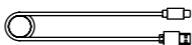
## Specifications

Dimensions	100*70*39mm(Antenna Not Included) 250*70*39mm(Antenna Included)
Weight	200g (Antenna Included)
Rated Power	150mA(Max)
Input Power	5V1A
Transmission Power	< 1W
Display Screen	TFT 172*320
3.5mm Port	LINE/Headphone Jack
NPF Interface	NPF universal power interface (Compatible with 970/750/550 Battery, and more.)
Frequency Range	2.4-2.485Ghz
Antenna Interface	SMA universal interface antenna

## Packing List



Link x1



USB to Type-C Cable x1



Antenna x2



Warranty Card x1

## 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.

## 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 product defect or failure is attributable to material deflection 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 product is inconsistent with that of warranty certificate, or the code on the product or warranty certificate is altered or torn off.
5. All consumable accessory 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](mailto: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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