

EJEAS®
MESH Intercom Expert



More
Languages



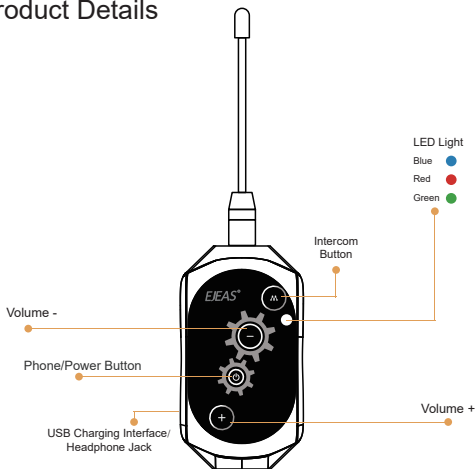
Certified Model	Version Model
GY118	6-worker

User Manual

**Full Duplex
Industrial MESH
Digital Intercom**

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Product Details



**MESH 6
People Intercom**



Bluetooth Intercom



Music Share



**IP67
Waterproof**



Voice Assistant



FM Radio



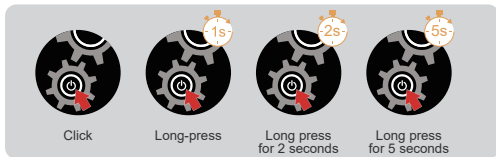
Channel Switching



Support Mobile App

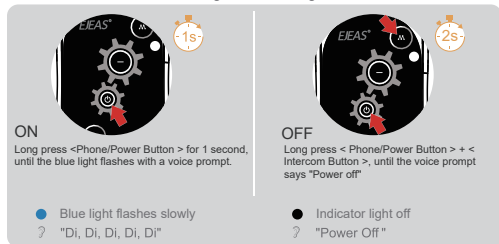
Product Operation

Operation Diagram



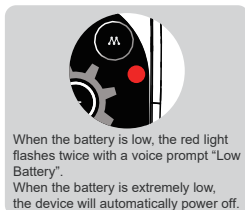
Basic Operation

Power ON/OFF Please charge it before using

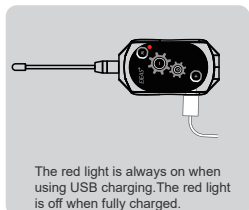


Reset: It will automatically power off while charging and can be used while charging after powering on.

Low Battery Indication



Charging Indication



Battery Inquiry: After connecting to the phone via Bluetooth, you can see the power icon on the phone side.

Mesh Intercom



When entering the Mesh intercom, Bluetooth music can be played at the same time .

Mesh intercom is a multi-hop technology mesh network intercom (Communication frequency 470-488MHz). On account of large number of participants and unrestricted location, people are able to move at will within the effective range. It is not only superior to the traditional Bluetooth chain intercom, but has a longer transmission distance and better anti-interference ability.



Features: Intercom with up to 4/6 people, 5 channels in total. If participating in campaign mode as a listener, there is no limit to the number of people who can join the intercom in a listen-only manner.

Microphone Mute



When using Mesh Intercom, you can mute the microphone with a short press of the < Intercom Button >, so that the sound of your own voice will not be sent to others.

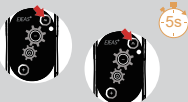
? "Microphone Mute"

Press <Intercom Button> to unmute.

? "Microphone unmute"

Note: Only valid for Mesh intercom.

Pairing Steps as Members:



1 All devices first enter the intercom pairing state, long press <Intercom Button> (about 5s) until you hear a prompt and the red light and green light flash alternately.

● Red light and green light flash alternately

? "Mesh Pairing"



Paired Server

2 Take one of them as the paired server, press <Intercom Button> , you will hear a beep and the red light and green light will flash alternately.

● Red light and green light flash alternately

? "Bi"

Wait for a moment and hear "Pairing Successful" from all devices, which means the pairing is successful.

? "Pairing Successful"

Wait a few moments and you hear the prompt "Channel n, xxx.x megahertz" from all the intercoms, you can start communicating and hear each other's voices.

Intercom Reconnection



When you power on the intercom for the next use, short press the <Intercom Button>.

You will hear the prompt "Join the Mesh." Wait for a moment, and you will hear the prompt "Channel n, xxx.x megahertz", you can talk to each other.

Turn off MESH Intercom



Press and hold the <Intercom Button> (about 1s) to turn off Mesh Intercom . The voice prompts "Mesh Close".

If the device is powered off without turning the intercom off, the intercom will be automatically restored upon the next power-on.

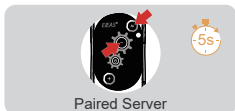
Pairing Steps as Listeners:

In the case that other intercoms have formed a team, you can become the listener of the team through pairing.



- 1 Take the intercom to be paired, enter listening mode pairing, long press <Intercom Button> + <Volume -> (about 5s), and prompt "Listen Mesh Pairing", the red light and green light will flash alternately.

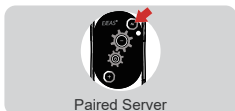
● Red light and green light flash alternately
? "Listen Mesh Pairing"



- 2 Take an intercom that has been paired as a paired server, entering listening mode pairing, and press and hold <Intercom Button> + <Volume -> (about 5s) to prompt "Listen Mesh Pairing".

Note: Unjoined machines can only be joined again through the server.

? "Listen Mesh Pairing"

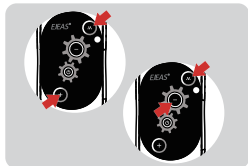


- 3 Short press the <Intercom Button>, you will hear a beep and the red light and green light will flash alternately.

● Red light and green light flash alternately
? "Du"

Wait a moment and hear "Pairing Successful" from all intercoms. Wait a few more minutes and hear "Channel n, xxx.x MHz". This means that you have joined the intercom network and can communicate with others.

Intercom Channel Switching



There are 5 channels in total, short press <Intercom Button> + <Volume ->/<Volume +> to switch channels forward or backward. Note that the whole team needs to keep the same channel to talk to each other.

When the signal is unstable, you can switch channels to adjust.

? "Channel n"

Two-person Bluetooth Intercom

How To Pair With The Device



- 1 After powering on the device, press and hold <Phone/Power Button> + <Volume +> (about 5s) until the red and blue lights flash alternately, and the pairing voice prompts "Intercom Pairing". Wait for connection to other intercoms.

- Red light and blue light flash alternately
- ? "Intercom Pairing"



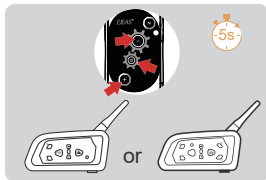
- 2 The other intercom enters the pairing state using the same operation. After the two intercoms discover each other, one of them will initiate the pairing connection.

- Red light and blue light flash alternately
- ? "Intercom Pairing"

The connection is successful and the intercom begins.

? "Pairing Successful"

Pairing with The Old Models



- 1 Simultaneously press and hold <Phone/Power Button> + <Volume +> + <Intercom Button> for approx. 5 seconds to start pairing (red and blue lights flash alternately).
- Red light and blue light flash alternately
- ? "Intercom Pairing"

- 2 For older models (V6/V4) follow the instructions to enter the search and wait for successful pairing.

Intercom Connection



- Blue light flashes rapidly
- ? "Intercom Connected"

Intercom Disconnection



- ? "Intercom Disconnected"

Pairing With Headsets or Other Branded Bluetooth Intercoms Search

Note: It is not guaranteed to be compatible with all Bluetooth headsets or intercoms on the market.



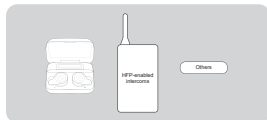
- 1 Long press <Phone/Power Button> + <Volume +> (approx. 5s) until the red and blue lights flash alternately and the prompt "Intercom pairing" is displayed.

- Red light and blue light flash alternately
- ? "Intercom Pairing"



- 2 Click again on <Phone/Power Button> + <Volume +>. The voice prompts "Intercom Searching". The red and blue lights flash alternately.

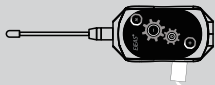
- Red light and blue light flash alternately
- ? "Intercom Searching"



- 3 At this point the intercom is searching for other intercoms in the pairing state, and when it finds another intercom, it will initiate the pairing.

Successful Pairing ? "Pairing Successful"

Firmware Upgrades



Connect to the computer with a USB data cable. Download and open the "EJEAS Upgrade.exe" upgrade software. Click on the "Upgrade" button to start and wait for the upgrade to complete.

Note: Upgrading must use the standard data cable from EJEAS.

Restore Default Settings



Press and hold <Phone/Power Button> + <Volume +> + <Volume -> for about 5s, the voice prompts "Restore Default Settings" to delete the pairing record, and then automatically reboot the phone.

? "Restore Default Settings"

Mobile Phone Pairing

This intercom supports connection to mobile phones for playing songs, making calls, and waking up voice assistants. Up to 2 mobile phones can be connected at the same time.



① After powering on the device, press and hold (approx. 5s) the <Phone/Power Button> until the red and blue lights flash alternately and the voice prompts "Phone Pairing".

• Red light and blue light flash alternately
? "Phone Pairing"



② The phone searches for the device named "GY118" using Bluetooth. Click on it to connect.

Connection successful • Blue light double flashes slowly
? "Pairing Successful, Connected"



Current battery level is displayed on the phone's Bluetooth icon
(Mobile phone HFP connection required)

Bluetooth Reconnection With Mobile Phones

After switching on, it automatically connects back to the last connected phone Bluetooth. When there is no connection, click on the <Phone/Power Button> to reconnect with the last mobile device that was connected to Bluetooth.



Mobile Control

Call Answering

When a call comes in, click on the <Phone/Power Button>



Call Rejection



When a call come, press the <Phone/Power Button> for about 1s

Hang Up



During a call, click on the <Phone/Power Button>

Call Redial



When standby/playing music, quickly double-click the <Phone/Power Button>.

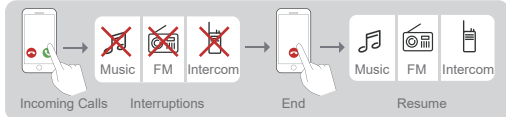
Cancel Redial



During redial, click on <Phone/Power Button>

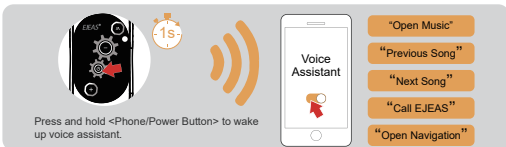
Phone Priority

When a call comes in, it will interrupt Bluetooth music, FM radio, intercom, and resume after hanging up.



Voice Assistant

When in standby/playing music, press and hold <Phone/Power Button>, it depends on your mobile phone.



Music Control

Play/Pause	Previous Song	Next Song	Volume -	Volume +

FM Radio

FM On/Off 76~108MHz

After turning on the FM radio, it will automatically search for stations and play the found station. FM can be turned on during the intercom, and you can listen to the radio while talking.



Press and hold <Volume +> + <Volume -> (approx. 1s). The prompt "FM Radio".

? "FM Radio"

Press and hold <Volume +> + <Volume -> (approx. 1s). The prompt "FM Radio Off".

? "FM Radio Off"

Switching Channels



Frequency -



Frequency +

Volume Adjustment FM with a total of 7 volume levels

When using FM alone



Volume-

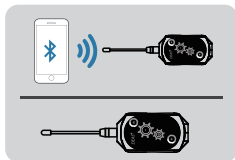


Volume+

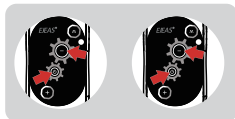
Music Share

Share the music played by Bluetooth on your phone to another device, and this function cannot be used during Bluetooth intercom.

This function cannot be used when two phones are connected simultaneously.



- 1 Take an intercom as the host, connect it to the phone, and the other one is the slave.

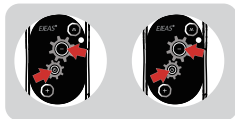


- 2 Press the <Phone/Power Button>+<Volume -> at the same time between the host and slave to enter the music sharing search connection state.

? "Music Share"

After the connection is successful, play the phone music of the host, and the music can also be played from the speaker.

? "Music Share Connected"



Press the <Phone/Power Button>+<Volume -> again to exit music sharing.

? "Music Share Disconnected"

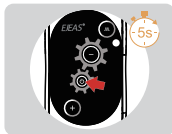
Mobile App

APP provides intercom group, music control, FM control, switch off, check authenticity and other functions.



iOS

Android



- 1 Download and install SafeRiding mobile APP for the first time.
- 2 Press and hold (approx. 5s) <Phone/Power Button> until the red and blue lights flash alternately to enter phone pairing.
 ● Red light and blue light flash alternately
- 3 Open the APP, click on the Bluetooth icon in the top right corner, the interface shows the name of the intercom device searched, select the intercom device to be connected, click to connect.
 (IOS system need to enter the phone pairing again, in the system settings->Bluetooth, connect audio Bluetooth).
- 4 Open the APP the next time you use it. Click the Bluetooth icon in the top right corner and click to select Intercom for connection from the paired devices.