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HOLLYVOX G51 Full Duplex ENC Wireless Intercom System User Guide

HOLLYVOX

**Hollyvox G51
Quick Guide
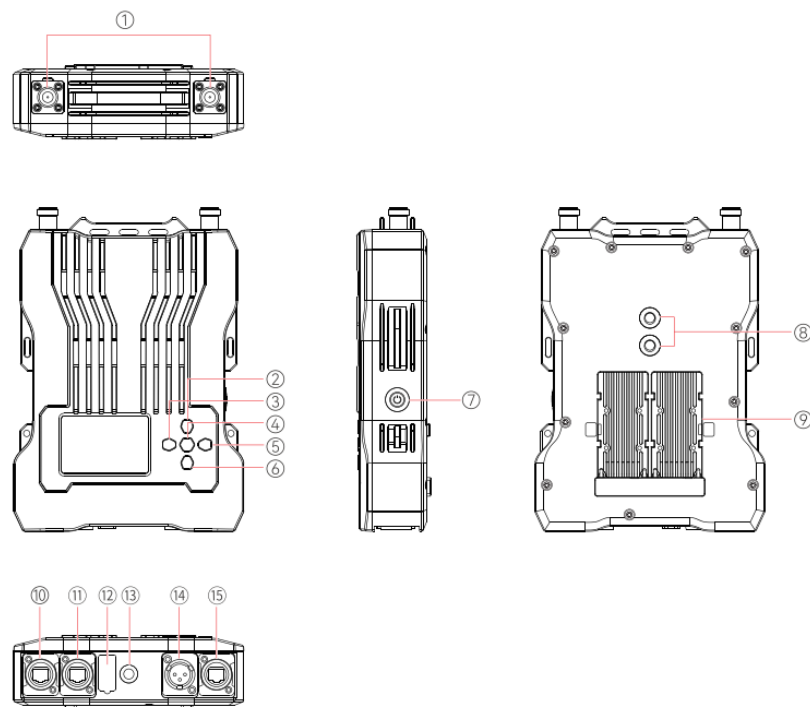V1.0**

Contents

Introduction

Thank you for purchasing the Hollyvox G51 full-duplex ENC wireless intercom system.
Please read this Quick Guide carefully before using the product.

Key Features

- Dual-mic Environmental Noise Cancellation (ENC), ensuring high-quality communication in loud environments
- 1,300ft (400m) line-of-sight (LOS) range
- 1.9GHz frequency band with 8 working modes, meeting the frequency configuration requirements in different countries or regions

- Automatic switch between the external omnidirectional fiberglass antennas and the built-in panel antennas
- Full-duplex wireless communication, allowing up to eight beltpack users to talk with each other simply with one base station
- Configuration and upgrade supported through the base station, app, and web server
- Three-group communication capability between beltpack users
- Cascade between multiple base stations & connection between the base station and 2- and 4-wire audio systems
- Power supply to the base station using POE or NP-F batteries
- Built-in replaceable lithium polymer battery for the beltpack, with an operating time of up to 6 hours
- Portable charging base for uninterrupted on-the-go communication
- 10 levels of volume control, meeting different application requirements
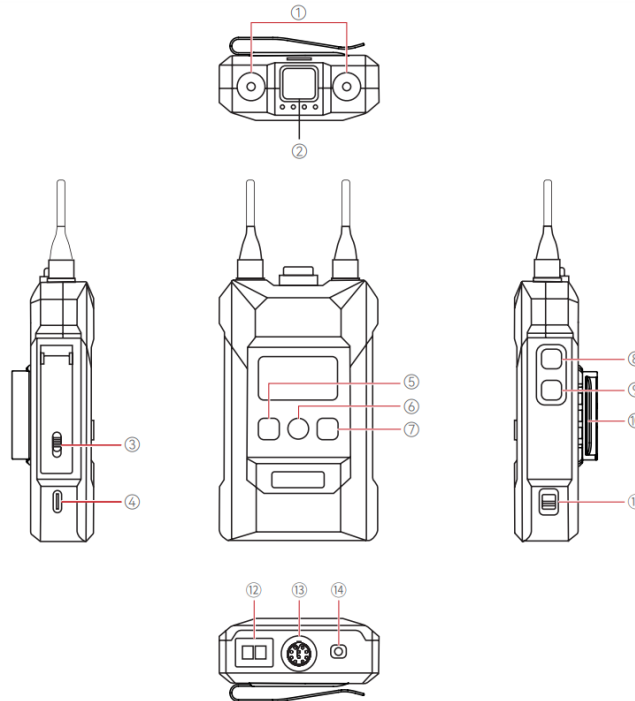
Product Interfaces

Product Interfaces

Base Station

1. Antenna Interface
2. Up Button
3. Left Button
4. Menu/Confirmation Button (Press and hold the button to enter the menu interface/Press the button for confirmation.)
5. Right Button
6. Down Button
7. Power Button
8. 3/8 Screw Hole
9. NP-F Battery Slot

10. Power Supply Interface

11. 4-Wire Audio Input & Output Interface (RJ45)

12. USB Interface

13. 3/8 Screw Hole

14. 2-Wire Audio Input & Output Interface
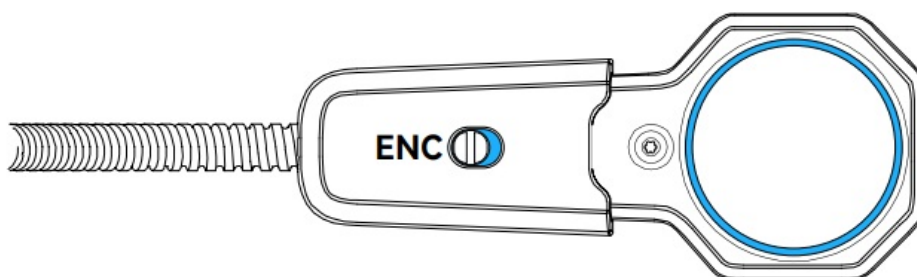
15. POE Interface

Beltpack

1. Antenna Interface

2. TALK Button (Press the button to talk/Release the button to enter the mute mode.)

3. Battery Compartment Switch

4. USB-C Interface

5. Left/Group A Button (The beltpack user is not grouped when the indicator light is off; the beltpack user is in group A but cannot talk with or hear other beltpack users in the group when the indicator light is white; the beltpack user is in group A and can talk with and hear other beltpack users in the group when the indicator light is orange.)

6. Confirmation/Group B Button (The beltpack user is not grouped when the indicator light is off; the beltpack user is in group B but cannot talk with or hear other beltpack users in the group when the indicator light is white; the beltpack user is in group B and can talk with and hear other beltpack users in the group when the indicator light is orange.)

7. Right/Group C Button (The beltpack user is not grouped when the indicator light is off; the beltpack user is in group C but cannot talk with or hear other beltpack users in the group when the indicator light is white; the beltpack user is in group C and can talk with and hear other beltpack users in the group when the indicator light is orange.)

8. Volume + Button

9. Volume – Button

10. Back Clip

11. Power Switch
12. Charging Contact
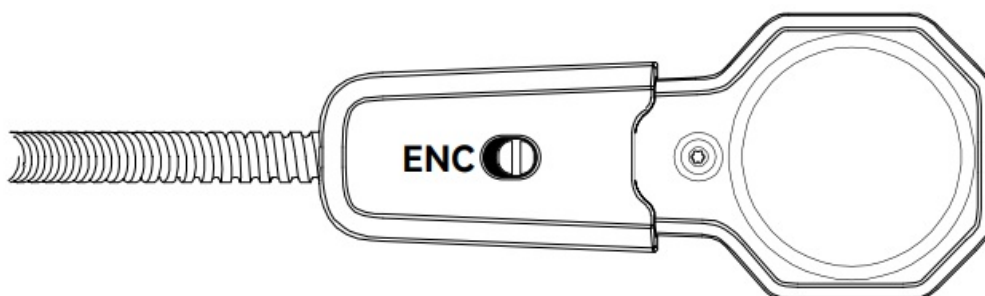13. 0B10 Headset Interface
14. 3.5mm Headset Interface

Operation Instructions

ENC Function

1. There is an ENC switch on the microphone boom of the beltpack headset.
2. When the switch is pushed to the ENC position, the ENC function is enabled, and the microphone boom indicator turns on in steady blue.

When the switch is pushed away from the ENC position, the ENC function is disabled, and the microphone boom indicator turns off.

For more detailed operation instructions, please scan the following QR code.

https://www.hollyland.com/hollyvox/download/hollyvox-g51

Specifications

	Base Station	Beltpack
Interface	POE interface (RJ45) Power supply interface (RJ45) 4-wire audio interface 2-wire audio interface USB interface	3.5mm headset interface 0B10 headset interface USB-C interface
Power Supply	POE power supply NP-F battery	1500mAh lithium polymer battery
Frequency Response	150 Hz–7 kHz	ENC OFF: 200 Hz–7 kHz (fluctuation range: ±6dB) ENC ON: 200 Hz–7 kHz (fluctuation range: ±10dB)
Signal-to-Noise Ratio	> 55dB	60dB±2
Distortion	< 1%	1%
LOS Range	1,300ft (400m)	1,300ft (400m)
Frequency Band	1.9GHz	1.9GHz
Modulation Mode	GFSK	GFSK
TX Power	< 21dBm	< 21dBm
RX Sensitivity	≤ −93dBm	≤ −93dBm
Bandwidth	1.728MHz	1.728MHz
Power Consumption	< 3W	0.65W
Dimensions	(L x W x H): 255.5mm x 180.4mm x 48.5mm (10″ x 7.1″ x 1.9″)	(L x W x H): 105mm x 65mm x 22.4mm (4.13″ x 2.56″ x 0.88″)
Net Weight	Approx. 1560g (55oz)	Approx. 200g (7oz)
ENC Level	/	20dB
Temperature Range	0℃ to 45℃ (working condition) −20℃ to 60℃ (storage condition)	0℃ to 45℃ (working condition) −20℃ to 60℃ (storage condition)

Safety Precautions

Do not place the product near or inside heating devices (including but not limited to microwave ovens, induction cookers, electric ovens, electric heaters, pressure cookers, water heaters, and gas stoves) to prevent the battery from overheating and exploding.
Please use the original adapter, cable, and battery. The use of non-original adapters, cables, or batteries may cause electric shock, fire, explosion, or other dangers.

Support

If you encounter any problems in using the product or need any help, please contact
Hollyland Support Team via the following ways:

👥	Hollyland User Group
📘	HollylandTech
📷	HollylandTech
▶️	HollylandTech
✉️	**support@hollyland.com**
🌐	**www.hollyvox.com**

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Documents / Resources

HOLLYVOX Hollyvox G51 Quick Guide	**HOLLYVOX G51 Full Duplex ENC Wireless Intercom System** [pdf] User Guide G51-8B, G51 Full Duplex ENC Wireless Intercom System, G51, Full Duplex ENC Wireless Intercom System, Duplex ENC Wireless Intercom System, ENC Wireless Intercom System, Wireless Intercom System, Intercom System, System

References

- 🌐 **Hollyvox - Wireless Communication Solutions**
- **User Manual**