



# Solidcom M1 Pro

Quick Guide

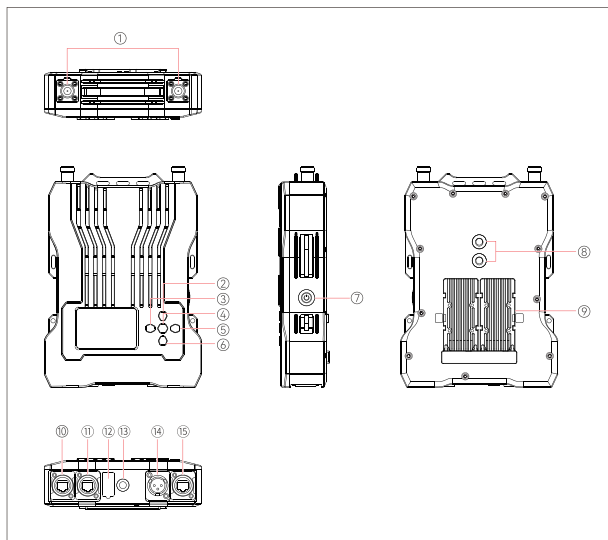
V1.0

# Introduction

Thank you for purchasing the Solidcom M1 Pro full-duplex ENC wireless intercom system. Please read this Quick Guide carefully before using the product.

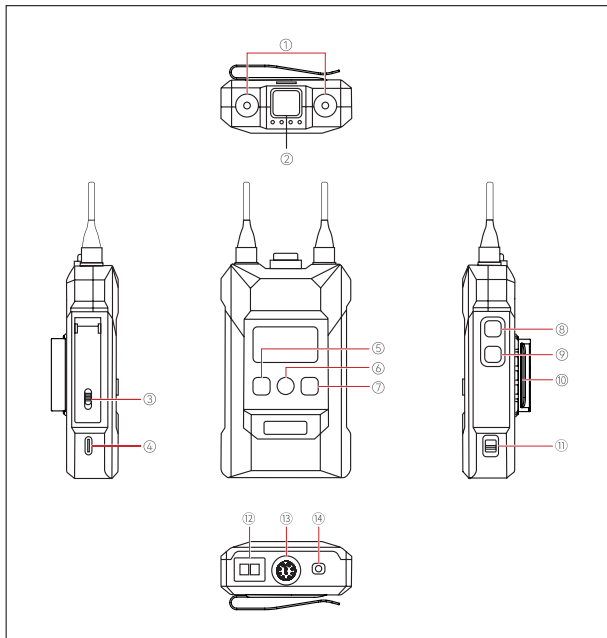
## Key Features

- 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



## 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



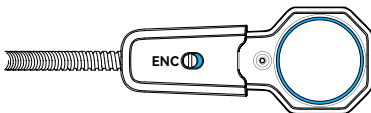
## Beltpack

- 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

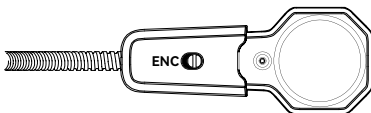
## Operation Instructions

### 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.





# Specifications

|                       | Base Station   | Beltpack   |
|-----------------------|--|--|
| Interface             | POE interface (RJ45)<br>Power supply interface (RJ45)<br>4-wire audio interface<br>2-wire audio interface<br>USB interface | 3.5mm headset interface<br>0B10 headset interface<br>USB-C interface   |
| Power Supply          | POE power supply<br>NP-F battery   | 1500mAh lithium polymer battery  |
| Frequency Response    | 150 Hz–7 kHz   | ENC OFF: 200 Hz–7 kHz<br>(fluctuation range: $\pm 6$ dB)<br>ENC ON: 200 Hz–7 kHz<br>(fluctuation range: $\pm 10$ dB) |
| Signal-to-Noise Ratio | > 55dB   | 60dB $\pm$ 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        | $\leq -93$ dBm   | $\leq -93$ dBm   |
| Bandwidth             | 1.728MHz   | 1.728MHz   |
| Power Consumption     | < 3W   | < 0.65W  |
| Dimensions            | (L x W x H):<br>255.5mm x 180.4mm x 48.5mm<br>(10" x 7.1" x 1.9")  | (L x W x H):<br>105mm x 65mm x 22.4mm<br>(4.13" x 2.56" x 0.88")   |
| Net Weight            | Approx. 1560g (55oz)   | Approx. 200g (7oz)   |
| ENC Level             | /  | 20dB   |
| Temperature Range     | 0°C to 45°C (working condition)<br>–20°C to 60°C (storage condition)   | 0°C to 45°C (working condition)<br>–20°C to 60°C (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.

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

 [hollyvox.global](https://www.facebook.com/hollyvox.global)

 [hollyvox.global](https://www.instagram.com/hollyvox.global)

 [hollyvox.global](https://www.youtube.com/hollyvox.global)

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# **HOLLYVIEW**

Powered by Hollyland

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