Hollyland Solidcom M1 Specs

General Info

|  |  |
| --- | --- |
| Number of Included Headsets | 8 x Single-Sided Headset |
| Number of Included Transceivers | 1 x Base Station8 x Beltpack |
| Number of Included Charging Base | 1 x Charging Base |
| Frequency Response | 200Hz to 7KHz |
| Signal-to-Noise Ratio | ＞50dB |
| Distortion | ＜1% |

Headphone

|  |  |
| --- | --- |
| Earpiece Design | Over-Ear (Circumaural) |
| Sound Field | Mono |

Wireless Connectivity

|  |  |
| --- | --- |
| RF Bandwidth | 1.728 MHz |
| Wireless Modulation | GFSK |
| Duplex Mode | Full-Duplex (FDX) |
| Transmit Power  | Maximum 21dBm |
| Approximate RF Sensitivity | -93 dBm |
| Wireless Range | 1476' / 450 m |

Base Station

|  |  |
| --- | --- |
| I/O Connectors | 1 x Power Supply Interface (RJ45)1 x POE Interface (RJ45)1 x 4 Wire Audio Interface (RJ45)1 x USB Interface1 x 2 Wire Audio Interface (XLR) |
| Dimension | (L\*W\*H): 255.5\*180.4\*48.5mm |
| Weight | About 1560g |
| Antenna | 2 x External Omnidirectional Fiberglass Antenna1 x Internal Panel Antenna |
| AC/DC Power Supply | 2 x NP-F Battery (6.5 to 16V DC) 1 x POE Power Adapter (44 to 57V DC) |
| Power Consumption | 3 W |

Beltpacks

|  |  |
| --- | --- |
| Maximum Users per System | 8 |
| I/O Connectors | 1 x 3.5mm Headset Interface1 x LEMO Headset Interface1 x USB-Type-C Interface |
| Dimension | (L\*W\*H): 105\*65\*22.4mm |
| Weight | About 200g |
| Antenna | 2 x External |
| Power Supply | 1 x rechargeable Li-ion Battery |
| Capacity (mAh) | 1500 mAh |
| Runtime | 6 Hours |
| Power Consumption | 0.6 W |

Charging Base

|  |  |
| --- | --- |
| AC /DC Power Interface | 1 x 4pin XLR Power Interface |
| Dimension | (L\*W\*H): 273\*184\*41.5mm |
| Weight | About 900g |

Environmental

|  |  |
| --- | --- |
| Charging Temperature | 32 to 113°F / 0 to 45°C |
| Operating Temperature | 32 to 113°F / 0 to 45°C |
| Storing Temperature | -4 to 140°F / -20 to 60°C |
| Certifications | CE, FCC, RoHS, TELEC, NCC as per Manufacturer |

Packaging Info

|  |  |
| --- | --- |
| Package Weight | 25.2 lb (Device)16.9 lb (Headphone) |
| Box Dimensions (LxWxH) | 21.6 x 18.3 x 9.3" |

Solidcom M1 Product Description

Overview

With major technical breakthrough, Hollyland is proud to present you a whole new series of full-duplex wireless intercom - Solidcom. As the first member of this series, Solidcom M1 is your go-to choice for micro-mid events with a capacity from 100 to 1000 guests, including church events, electronic field productions, exhibitions, concerts, etc.

**Enhanced Audio Quality**

Adopting self-developed Noise-Cancellation Algorithms and a super-wide frequency response, Solidcom M1 delivers authentic and premium sound at broadcast-level sampling rate.

**Enhanced Operating Experience**

An integrated panel antenna is embedded in the base station for effortless setup. Featuring minimalist button design, the beltpack provides you intuitive operating experience. In addition, settings and grouping of the whole set can be adjusted easily via base station, APP or web.

**Enhanced Capacity**

Each standard Solidcom M1 package comes standard with 8 beltpacks and supports cascade connection of multiple devices as well as maximum 3 communication groups.

**Packing List**

1. Station x 1

2. Beltpack x 8

3. Charging Base x 1

4. High Gain Omnidirectional Antenna x 2

5. LEMO Single-Ear Headset x 8

6. RJ45 to XLR Cable (5 meters) x 1

7. USB-Type-A to Type-C Cable x 1

8. POE Adapter x 1

9. 4-Pin XLR Adapter x 1

10. Beltpack Battery x 16

11. 3/8 Installation Accessory x 1

12. User Guide x 1

**Key Features**

1. Industry-First Solution To Power Up to 1000ft-Radius Communication Range

2. Enhanced Audio Quality. Let Your Voice be Heard Crisp and Loud

3. Intuitive Grouping at A Single Tap

4. Multi-Device Cascade Connection for Hassle-Free Group Communication

5. Born Rugged, Take It Anywhere with You

6. Out-of-the-Box Convenience

7. Ergonomic Button Layout for Smooth & Precise Operation

8. A Plethora of Choices for Your Ears

9. Say No to Low-Battery Anxiety

Specifications

|  |  |  |
| --- | --- | --- |
|  | Station | Beltpack |
| Interfaces | Power Supply Interface (RJ45)POE Interface (RJ45)4 Wire Audio InterfaceUSB Interface2 Wire Audio Interface | 3.5mm Headset InterfaceLEMO Headset InterfaceUSB-Type-C Interface |
| Power Supply | POE Power SupplyNP-F Type Battery | 1500mAh Lithium Polymer Battery |
| Frequency Response | 200Hz to 7KHz | 200Hz to 7KHz |
| Signal-to-Noise Ratio | ＞50dB | ＞50dB |
| Distortion | ＜1％ | ＜1％ |
| Use Range | 450 Meters Line-of-Sight Usage | 450 Meters Line-of-Sight Usage |
| Frequency Band | 1.9GHz | 1.9GHz |
| Modulation Mode | GFSK | GFSK |
| Transmitting Power | Maximum 21dBm | Maximum 21dBm |
| Receiving Sensitivity | ≤-93dBm | ≤-93dBm |
| Frequency Bandwidth | 1.728MHz | 1.728MHz |
| Power Consumption | ＜3W | ＜0.6W |
| Dimension | (L\*W\*H): 255.5\*180.4\*48.5mm | (L\*W\*H): 105\*65\*22.4mm |
| Weight | About 1560g | About 200g |
| Working Temperature | 0～+45℃ (Operating)-20～+60℃ (Storing) | 0～+45℃ (Operating)-20～+60℃ (Storing) |