

SOLIDCOM M1

FULL-DUPLEX WIRELESS INTERCOM SOLUTION



Up to 1300ft-Radius
Communication Range



Enhanced Audio Quality



Grouping Talk



App/Webpage
Configuration



1.9GHz Frequency



Multi-Device
Cascade Connection



New Beltpack Design



Professional
LEMO Headphones



Sidetone Function



Removable
Li-ion Batteries

Solidcom M1 is a new generation 1.9GHz full-duplex professional wireless intercom system that supports 4-channel beltpacks simultaneous communication and cascade connection of multiple devices. Featuring a built-in panel antenna, the base station of Solidcom M1 can achieve 400m one-way transmission range fronting the panel and an extra 50m range at the back. The auxiliary external FRP antennas are endowed 300m reliable transmission in 360° radius range.

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.

PRODUCT INTERFACES

STATION			BELTPACK			
① Antenna Interface	⑥ Down Key	⑫ 4-Wire Audio Input-Output Interface	① Antenna	⑥ Menu/ B Group Key	⑪ Power Switcher	① 4Pin XLR Adapter Interface
② Up Key	⑦ Power Button	⑬ USB Interface	② Mute/Talk Switch Key	⑦ Right Key/C Group Key	⑫ Charging Contact	
③ Left Key	⑧ 3/8 Screw Hole	⑭ 3/8 Screw Hole	③ Battery Compartment Switcher	⑧ Volume+ Button	⑬ LEMO Headset Interface	
④ Menu/Confirm Key	⑨ Interface for NP-F Type Battery	⑮ 2-Wire Audio Input-Output Interface	④ USB Type-C Interface	⑨ Volume- Button	⑭ 3.5mm Headset Interface	
⑤ Right Key	⑩ Power Supply Interface	⑯ POE Interface	⑤ Left Key/A Group Key	⑩ Back Clip		

MULTI-DEVICE CASCADE CONNECTION

X4 stations connected to 4 Wire Intercom System and 2 Wire Intercom System via Cable and RJ45 to XLR Transferring Cable.

App/Webpage Configuration

PARAMETERS

	Station	Beltpack
Interfaces	POE Interface (RJ45) / Power Supply Interface (RJ45) / 4 Wire Audio Interface / USB Interface / 2 Wire Audio Interface	3.5mm Headset Interface / LEMO Headset Interface / USB-Type-C Interface
Power Supply	POE Power Supply / NP-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
Transmit Power	Maximum 21 dBm	Maximum 21 dBm
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 C (Working Status) / -20 ~ +60 C (Stock Status)	0 ~ +45 C (Working Status) / -20 ~ +60 C (Stock Status)

PACKING LIST

Station X1	Beltpack X4	Charging Base X1	High Gain Omnidirectional Antenna X2	LEMO Single-Ear Headset X4	POE Adapter X1	RJ45 to XLR Transferring Cable X1	USB-Type-A to Type-C Transferring Cable X1
4Pin XLR Adapter X1	Battery for Beltpack x8	3/8 Installing Accessory X1	User Guide X1				

*Please subject to actual shipment as the standard if any difference in accessories.