

# 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 Belt-pack Design



Professional  
LEMO Headphones



Sidetone Function



Removable  
Li-ion Batteries

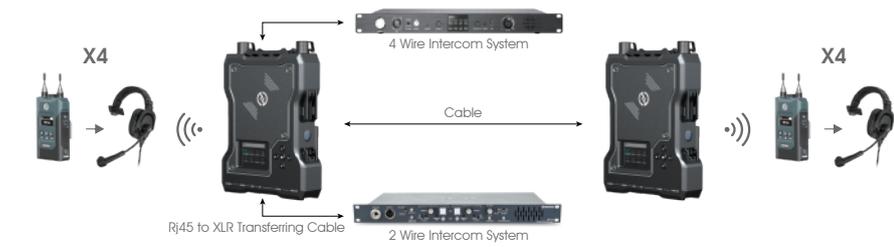
Solidcom M1 is a new generation 1.9GHz full-duplex professional wireless intercom system that supports 4-channel belt-packs simultaneous communication and cascade connection of multiple devices. Featuring a built-in panel antenna, the base station of Solidcom M1 can achieve 400m one-way transmission 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



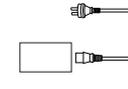
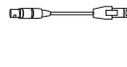
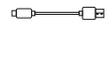
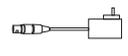


**App/Webpage Configuration**

# PARAMETERS

	Station	Beltpack
<b>Interfaces</b>	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
<b>Power Supply</b>	POE Power Supply / NP-F Type Battery	1500mAh Lithium Polymer Battery
<b>Frequency Response</b>	200Hz to 7KHz	200Hz to 7KHz
<b>Signal-to-Noise Ratio</b>	> 50dB	> 50dB
<b>Distortion</b>	< 1%	< 1%
<b>Use Range</b>	450 Meters Line-of-Sight Usage	450 Meters Line-of-Sight Usage
<b>Frequency Band</b>	1.9GHz	1.9GHz
<b>Modulation Mode</b>	GFSK	GFSK
<b>Transmit Power</b>	Maximum 21dBm	Maximum 21dBm
<b>Receiving Sensitivity</b>	≤ -93dBm	≤ -93dBm
<b>Frequency Bandwidth</b>	1.728MHz	1.728MHz
<b>Power Consumption</b>	< 3W	< 0.6W
<b>Dimension</b>	(L*W*H): 255.5*180.4*48.5mm	(L*W*H): 105*65*22.4mm
<b>Weight</b>	About 1560g	About 200g
<b>Working Temperature</b>	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.