User Manual

iSpeaker M-800 (without speaker)

2.4G Wireless Cascaded Omnidirectional Microphones Kit

Master + Microphones kit

The iSpeaker M800 master is a conference audio controller based on 2.4G network communication. The master can be connected with an active speaker and 4 cascaded microphones by the 2.4G wireless. It also supports wireless handheld microphone local amplification, which is widely used in large conferences, it can also be used for leisure and entertainment venues.

Intelligent audio processing

Adopting the latest audio voice processing technology, including digital audio processing, dynamic noise reduction processing, industry-leading 384ms echo cancellation, full-duplex voice calls, 360° omni-directional pickup, the pickup radius of a single omnidirectional microphone can reach 5m. Two-way, natural and smooth meetings can be conducted at the same time, providing users with high-quality meeting experience.

Installation

1. Connect the antenna to the master.
2. Connect a 6.5mm audio cable to an active speaker and master
3. Connect power supply
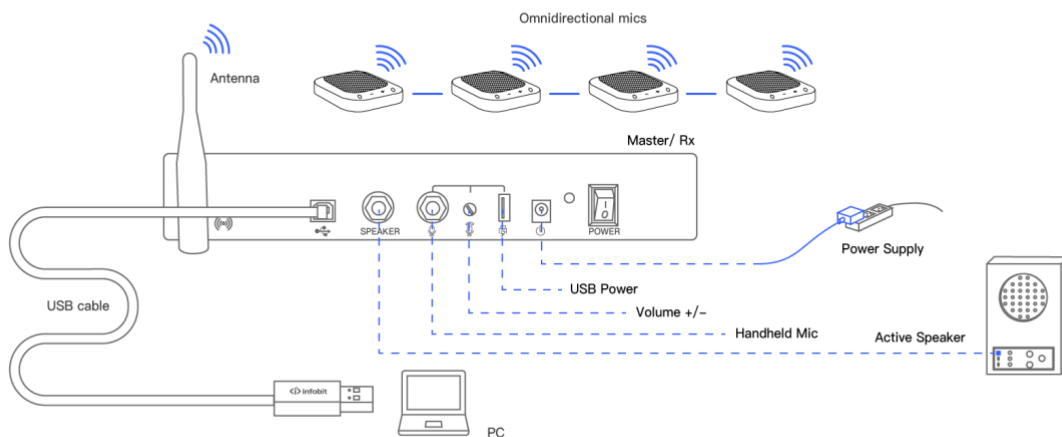4. Connect USB B cable to the master and PC

Features

Support external active speaker
Removable wireless microphones
Support handheld microphone

Packing list:

1) Master audio controller, 1pcs
2) Power adapter, 1pcs
3) Antenna, 1pcs
4) Wireless microphones, 4pcs
5) 6.5mm audio cable, 1pcs
6) USB A to B cable, 1pcs
7) Microphone power adapters, 4pcs
8) Microphone USB power cable, 4pcs

INFOBIT AV   www.infobitav.com   info@infobitav.com

Datasheet

Size
Master: 267*145*51mm
Microphone: 110*110*25mm

Weight:
Master: 1044g
Microphone: 236g/ each

Color:
Black

Interface
USB B interface
6.5mm audio jack
6.5mm handheld microphone interface
Handheld microphone receiver charging port
Hand-held microphone volume adjustment knob
Antenna interface
DC power interface

Wireless Microphone
Audio bandwidth: 100-16KHz
Sensitivity: -38 dB
94dB SPL@1KHz
SNR: 65dB
94dB SPL@1KHz, A-weight

Power Supply
Host power adapter
-12V2A
Slave power adapter
-5V/500mA
-Support wireless charging

Audio characteristics
Digital audio processing
384ms echo cancellation
Intelligent dynamic noise reduction
Full duplex
360° pickup range
The pickup radius is 5 meters
(Each omnidirectional microphone)

Computer system required
Windows 7 / Windows 10 /macOS

Button on mics
Microphone mute
Speaker mute
Volume up
Volume down
Power switch

Environmental requirements
Temperature: 5~44 ℃
Humidity: 20~85%
(no condensation)
Noise level: <48db
Storage temperature:
-10~55℃

Master LED light status
Red light always on: under normal work

The speaker indicator in green: Under normal work

The speaker indicator in red: Speaker mute

Slave mics LED light status
Normal work:
Green light always on

Mute microphone:
Red light always on

Low power:
Red light of the speaker flashes

Volume adjustment:
The mic green indicator flashes

Not connected:
The green light flashes