



M100

Dispatch Microphone Console

The M100 Dispatch Microphone Console is a versatile and high-performance SIP-enabled device for seamless communication. It features 30 programmable fast keys that can be used for paging, intercom, music playback, outbound phone calls, and emergency alarm activation. With multicast and peer-to-peer technology, it serves as a standalone serverless console for individual and group paging, internal calls, and more. The M100 Dispatch Microphone Console is ideal for a wide range of industries, including emergency services, schools, transportation, and hospitality.

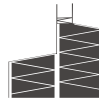
Applicable Scenarios



Schools



Venues



Office Buildings



Airports



Health Care



Financial Institutions



Hotels



Government Agencies



Shopping Malls



Retail Shops

Features

- **Server-less paging up to 30 zones**

M100 uses multicast technology and a sophisticated controlling mechanism to enable communication to up to 30 zones or individual devices without the need for a separate server.

- **Event Action Scheduler**

The event scheduler can effortlessly schedule up to 12 events, specifying their activation within a designated date range and time, ensuring seamless execution and precise control.

- **External Music Collection**

With the M100, you can easily connect an external music source, such as an MP3 to play music through the system, providing a convenient way to play other audio content.

- **Music and Pre-recorded Message**

The M100 features a TF card slot that allows you to store and play pre-recorded messages and music within the device's system, making it ideal for announcements or background music.

- **Standard SIP Integration**

Standard SIP protocol making it easy to integrate into existing infrastructure such as an IP-PBX, and to create a flexible and scalable communication system with other SIP-based devices.

- **Versatile Functionality**

In addition to its wide range of audio applications, the M100 can also send HTTP requests to external applications for certain actions, providing added versatility and functionality.

- **Easy Installation with PoE**

The M100 is designed for easy installation, with simple wiring by connecting it to an existing IP network with a PoE cable, eliminating the need for additional wiring or power supplies.

- **Multiple Lines SIP Accounts**

M100 supports three lines SIP accounts, in which users may register the microphone station in more than one system for achieving different functionality purposes.

Specifications

| Speaker | |
|-----------------------------|---|
| Speaker Component | φ45mm full frequency |
| Sensitivity | 95±3dB / 1W / 1m |
| Max Sound Pressure Level | 100dB |
| Impedance | 8Ω |
| Power | 3W |
| Gooseneck Microphone | |
| Sensitivity | 36±2dB |
| Max Sound Pressure Level | 110dB |
| Impedance | 680Ω |
| LCD Display | |
| Size | 4.3 inches |
| Resolution | 480p*272p |
| Viewing Angle | 70°/70°/50°/70° (L/R/U/D) |
| Color | 24-bit 8R8G8B |
| Audio Jack | |
| Audio Input | 3.5mm audio jack |
| Audio Output | 3.5mm audio jack |
| Button | |
| Speed Dial Key | 10 physical buttons (support 10*3 programmable virtual buttons) |
| Page Up & Down Keys | 1+1 |
| Answer Button | 1 |
| Hang-up Button | 1 |
| Mute Button | 1 |
| Volume Adjustment Key | 1+1 |
| Reset Button | 1 |
| Audio | |
| Audio Codecs | G.722, G.711 A-law, G.711 U-law, Opus |
| Audio Streaming | MP3 sampling rate 8-48KHz, bit rate 64-320kbps, mono or stereo |
| Network | |
| Network Interface | 10/100Mbps, Support PoE IEEE 802.3 af/at |
| Network Protocol | SIP (RFC3261), HTTP, TCP/IP, SSL, DNS, SNTP, NTP, RTSP, RTP, RTCP, TCP, UDP, MQTT, ICMP, DHCP, ARP, SSH |
| Administration | |
| Configuration | Web management interface or auto provisioning server |
| Provisioning | MQTT IoT Protocol |

| Mechanical Properties | |
|------------------------------|--|
| Power Input | DC 12V 1A or PoE IEEE 802.3af/at |
| Memory | 256MB DDR3, 256MB Flash |
| Network Interface | RJ45 * 1 |
| Rated Load of Dry Contact | AC125V/0.3A DC30V/1A |
| RS485 | Half duplex |
| TF Card | 32GB |
| Casing | ABS plastic panel, aluminum profile base |
| Weight | 1.2KG |
| Dimension | 210*190*46 mm |
| Mounting Method | Desktop installation |
| Environmental | |
| Installation Environment | Indoor |
| Operating Temperature | -20°C - 50°C (-4°F - 122°F) |
| Storage Temperature | -40°C - 70°C (-40°F - 158°F) |
| Humidity | 10%-95% RH Non-condensing |
| Approvals | |
| Approvals | EN 55032:2015, EN 55035:2017, EN 61000-3-2:2019, EN 61000-3-3:2019, EN 62368-1:2020, FCC Part 15B |



We Focus · We Deliver

16F, D5, Tianfu Software Park, Chengdu, China

+86 28 85337096

zycoo@zycoo.com