NETWORK PA AUDIO SERVER

# TCM-PA8050Mi

**Network Audio Paging Manager**



## DESCRIPTION

TCM-PA8050Mi is a Network PA Audio Broadcasting Server designed as the main control center of a professional Public Address (PA) system. It serves as the "brain" of the system, managing audio distribution to multiple zones with high precision and stability.

- **Device** Up to 50
- **Multitrack** 5 players
- **Equalizer** 12 channels
- **Emergency** Evacuation panel
- **Adhan** Auto by city
- **Scheduling** Audio schedule

## FEATURES

- Up to 50 devices in one integrated system
- PA Audio Server, IP Intercom, IP-PBX, Video Intercom & Audio Broadcasting
- 5 Multitrack Players, simultaneous content
- 12-channel Equalizer & Virtualizer
- Audio Schedule Player for routine schedules
- Automatic Adhan by selected city
- Evacuation Message Panel
- Pre-programmed quick audio messages
- Industrial hardware, stable 24/7 operation
- TCP/IP, SIP, RTP and Multicast protocols

## PHYSICAL & ENVIRONMENTAL

| | |
|---|---|
| **Operating temp.** | -10 to +60 °C |
| **Humidity** | 10–95% RH, non-condensing |
| **Rear panel** | 2× LAN RJ45, HDMI, VGA, line out, mic in, DC in |
| **Size (W×D×H)** | 193.9 × 127 × 57.2 mm |
| **Mounting** | Wall mount, holes 183 × 73 mm |

## SPECIFICATION

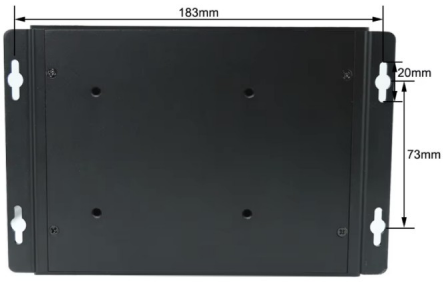
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|---|---|
| **MAIN SYSTEM** | |
| **Model** | TCM-PA8050Mi |
| **Product type** | Network PA Audio Broadcasting Server |
| **Capacity** | Up to 50 devices, perpetual license |
| **Protocols** | TCP/IP, SIP, RTP, Multicast |
| **Server functions** | PA Audio Server, IP Intercom, IP-PBX, Video Intercom, Audio Broadcasting |
| **Hardware** | Industrial-standard hardware, 24/7 operation |
| **PUBLIC ADDRESS SYSTEM** | |
| **Zone controller** | Device Zone Selector: all zones, per zone or per device |
| **Audio player** | 5 Multitrack Players (simultaneous playback) |
| **Sound processing** | 12-channel Equalizer & Virtualizer |
| **Scheduling** | Audio Schedule Player, automatic Adhan by city |
| **GENERAL ALARM SYSTEM** | |
| **Emergency alarm** | Evacuation Message Panel for fast emergency response |
| **Quick message** | Pre-programmed quick audio messages |

## DIMENSION

Unit: mm




REAR VIEW




BOTTOM VIEW


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