NETWORK PA AUDIO SERVER

TCM-PA8025Mi

PA server for up to 25 IP speakers & devices

A compact PA server that manages IP audio broadcasting to up to 25 IP speakers over your LAN. It runs 24/7 on fanless industrial hardware and combines PA server, IP intercom, IP-PBX and video intercom functions – a flexible, economical upgrade from analog PA for schools, factories, offices and hospitals.



25 IP devices

5-ch multitrack player

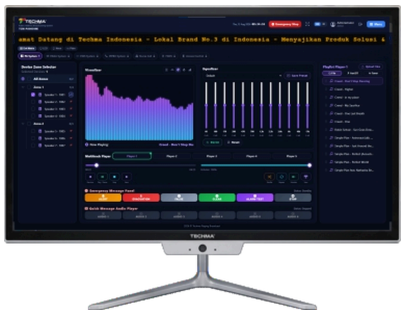
SIP RTP · Multicast

24/7 fanless hardware

Key Features

- PA audio server, IP intercom, IP-PBX & video intercom in one unit
- Background music player with playlist
- 5-channel multitrack player – different audio per zone
- Audio timer scheduling for school & factory bells
- Automatic adhan scheduling based on location
- Emergency priority & evacuation message panel
- Digital audio channel (zone) selector
- 12-channel equalizer & virtualizer
- Web-based & Audio Client software, multi-user
- Works with most SIP IP speaker brands

Audio Client Software



Specifications

GENERAL	
Network	10/100/1000M Ethernet (auto), RJ45
Protocol	TCP/IP, UDP, RTP, SIP, IGMP, ICMP, Multicast
Device Capacity	Up to 25 devices
Server Functions	PA audio server, IP intercom, IP-PBX, video intercom
Broadcasting Mode	Multicast audio broadcasting
User Management	Multi-client user manager
Remote Operation	Web-based & Audio Client software
AUDIO & SOFTWARE	
Audio Format	MP3 up to 192 kbps, fixed & variable bit rate
Audio Sources	MP3, WMA, WAV & analog MIC input
System Software Package	Background music player with playlist, 5-channel multitrack player, audio timer scheduling, automatic adhan by location, digital zone selector, emergency & evacuation message panel with priority ladder, 12-channel equalizer & virtualizer
HARDWARE	
Interfaces	1x LAN RJ45, 1x HDMI, 1x VGA, 6x USB, SPK out, MIC in
Platform	Fanless industrial mini server, 24/7 operation, VESA mount (bracket included)
Power Supply	DC 12V
Working Temperature	-10 to +45°C
Dimensions	Approx. 180 x 135 x 42 mm (W x D x H)
Weight	Approx. 1.0 kg

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