

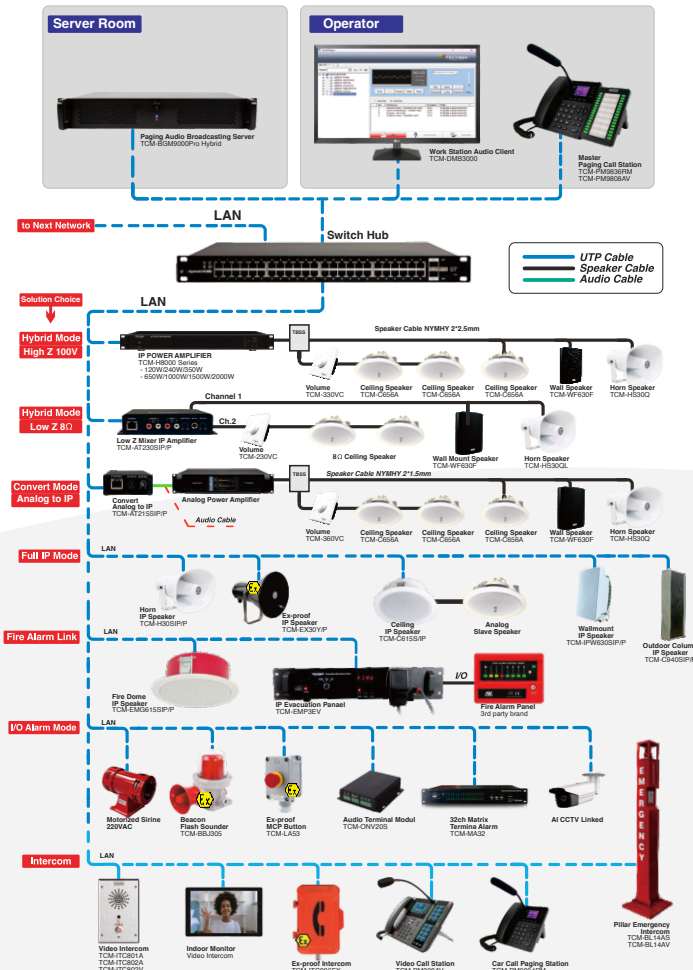
## Descriptions

TCM-BGM9000Pro is IP-Based Hybrid PAGA system manager, offers an ideal solution for venues that need to perform large-scale paging and multi-zone background music across multiple facilities and locations with complex audio distribution and scheduling needs. It is now easier than ever to install a wide area paging or intercom system using an existing Ethernet network. The system can be used to provide emergency notification to zones or custom messages to each zone. Network terminals such as network amplifiers, network speakers, network pre-amplifiers can be placed anywhere you have a network without the need for long analog speaker cables from a large central amplifier. With an IP network audio system, you will enjoy faster and more flexible installation than traditional wired analog systems. The software runs on the main server, manages the system and provides digital voice quality sound wherever you need it. The central server is the heart of the IP network PA system. With large program storage capacity, upload and process programs from multiple audio sources. Manage the program library and provide programs to network terminals and achieve real-time program playback and reservation, responding to requests from network terminals. There is no limitation of transmission distance and dozens or hundreds of audio sources. Each client PC installed with audio broadcast software with this system can broadcast audio to the terminal, and can edit the program according to the rights of authorized users at any time. The use of this IP audio is very economical, because it can use the existing Fiber optic network or LAN, and when you still have an old Public address system, you can integrate it with this IP audio system.

## Features

- ※ Network 1000M Tx, RJ45 Connector
- ※ Protocol Multicast, TCP/IP, UDP, SIP.
- ※ Multi Client user management
- ※ Remote client operation.
- ※ Device status Monitoring dashboard
- ※ E-Map device Location Monitoring dashboard
- ※ Audio Video Intercom, CCTV Camera Linked
- ※ Built-in Audio Player, Multi track Audio Player
- ※ Built-in Audio Timer Scheduling Broadcast
- ※ Built-in Audio Adhan Scheduling Broadcast
- ※ Built-in Zone Audio broadcasting Selection target.
- ※ PAGA Audio Zone Grouping Alarm
- ※ I/O audio alarm Linked , Http API, MQTT
- ※ Call Audio Recording
- ※ Form Factor 1,5U 19" Rackmount

## NETWORK PUBLIC ADDRESS GENERAL ALARM SYSTEM ARCHITECTURE



## Specification

| Model                        | TCM-BGM9000Pro                                                                                                                                         |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Main System</b>           |                                                                                                                                                        |
| Engine Architecture          | Intel[R] Core[TM] powered                                                                                                                              |
| Network                      | 1000BASE-TX, RJ-45 connector                                                                                                                           |
| Network Protocol             | TCP/IP, UDP, Multicast, SIP, RTP                                                                                                                       |
| User manager                 | Multi client user manager                                                                                                                              |
| Remote Operation             | Audio Client Manager                                                                                                                                   |
| <b>Public Address System</b> |                                                                                                                                                        |
| Audio source                 | Analog Input, Mp3 Local File, Virtual Audio (BT, Radio, You Tube) from Audio Client                                                                    |
| Audio Codec                  | G.711u, G.711a, G.722                                                                                                                                  |
| Audio Format Decoding        | MP3, WAV, WMA                                                                                                                                          |
| Frequency Response           | 20Hz-17,5KHz (+3dB)                                                                                                                                    |
| Audio bit rate               | 8 ~ 320Kbps                                                                                                                                            |
| Broadcasting call mode       | Direct call, by Group/zona, Multicast call, SIP Call                                                                                                   |
| Audio broadcasting           | Background Music (BGM) player, Audio timer scheduling, Multi track audio BGM Player                                                                    |
| <b>General Alarm System</b>  |                                                                                                                                                        |
| Alarm linked                 | Audio Alarm Message Broadcast, Remote alarm, Manual Call Point emergency button, CCTV, VMS Linked, I/O controller, SIP, url, third party alarm device, |
| Working Temperature          | -10 ~ +50°C                                                                                                                                            |
| Working Humidity             | 10%~95%                                                                                                                                                |
| Power Supply                 | AC 220-240V, 50/60Hz                                                                                                                                   |
| Dimension                    | 482mm(W) x 67mm(H) x 250mm(D), 19" 1.5U                                                                                                                |
| Weight                       | 3.5kg                                                                                                                                                  |