

Subway Station PA Solution

This subway station [public address system](#) solution can be applied in subway station to meet the needs of public broadcasting with PA amplifier and speaker. It can realize the ensured functions of public address such as emergency broadcast, business announcement, background broadcast. The main control host (MAG3210 intelligent public address center) can be placed in the control room while the loudspeakers can be placed in appointed places like entrances, platforms, stairs and lift, etc.

Features:

Emergency Announcement, real time voice broadcast with the emergency microphone;

Background broadcast, play background music in different zones;

Zone management, 10 zones matrix function, can extend to 100 zones by PC10 Series;

Zone paging, can realize real time paging to appointed zones;

Weekly program timing, can set up 10 programs, each program with 200 missions;

Daily program timing, can set up 100 timing points each day;

Communicate with the fire center;



Products related:

MAG3210—Intelligent Public Address Center

Is an intelligent Public Address Centre. The industrial circuit board guarantee the stable running for the whole system. It has 10.4" color touch screen and automatic Chinese/English display mode conversion, operating conveniently and easily. 1-48 remote paging channels and strong audio matrix design. Built-in optional module function: Common input, Priority input, Partition Common Output, Monitoring, Extended output/input module and so on. Built-in DSPPA sound resource for BGM. Support background music without external source device.

EC200—Paging Microphone

EC-200 is a 50~12000Hz **Paging Microphone**. Easy to use, suitable for different requirement. Output impedance is 200Ω. Support terminal plug & play function.

Features:

- Sequentially switching power supply for 16 channels
- Auto controlled by a timer or manual operates
- 4.5KVA of capacity available
- Friendly control panel, easy for use

MP3000—Power Amplifier

This class b amplifier is designed for commercial and industrial public address applications. Rack mount design in 2U type and rated power is 1000W/1500W/2000W.

Both balanced and unbalanced line inputs are available for each channel. Balanced line output feeds to another power amplifier as well as secures the signal transmission is less noise and longer distance. 70V, 100V and 4-16ohm speaker outputs are convenient for installation when selection different speaker matching. A master volume control is included. Complete protection includes clip, short circuit, high temp and overload. With indications for power, signal, clip, protection and temp.

DSP922—Fireproof Ceiling Speaker

The DSP922G is a ceiling speaker with a 70v/100v transformer built in, and also is a ceiling speaker with fire dome. The 70v/100v transmission is realized in a high-voltage, low-current mode, which makes longer distance transmission and parallel connection of multiple loudspeakers possible.

The built-in 4.5" speaker driver is designed of wide frequency response (130-20,000Hz), the multiple terminals 4W, 8W & 15W can be applied to different occasions vary in area sizes and background noises; It is made of high-class steel and fixed by stamping, which ensures long-term durability, and will never be out of shape; Equipped with leaded wire case which is hard to burn for fireproofing; Spring clip clamp makes the easy and secure installation possible; Waterproof driver surround excellent damping, long life, clear and sonorous sounds.

This fireproof ceiling speaker is an ideal choice for industrial and commercial applications in hotel, school, office and factory where background music and paging is needed.

Public Address System



Since 1988, DSPPA has been developing its Public Address Systems continuously. Till now, **DSPPA** has launched the following series into the markets to meet different needs of projects:

MP98 Series, Automatic PA System.

It can realize 100 zones control and auto running after system set up. It consists of MP9807C CD/VCD/DVD music player, MP9808R AM/FM tuner, MP9811P preamplifier, MP1500 series power amplifiers, MP9810R remote paging station, MP9814T programmable, etc. It had been adopted in 2008 Beijing Olympics for its stable and reliable performance.

PC10 Series, Automatic PA System

It is upgraded from MP98 Series. Besides the basic functions of MP98 Series, it supports DC24V power supply and computer remote control.

MAG3210, Intelligent PA System.

10 zones control, 4.3" TFT touch screen, 2 remote paging stations, computer

remote control, built-in EMC microphone, 4G SD card for timing programs and storage for audio source, USB/SD/FM audio source, 2 AUX line inputs.



MAG2120/MAG2140, Intelligent PA System.

20/40 zones control, 5.6" TFT touch screen, 4 remote paging stations, computer remote control, built-in EMC microphone, 2G built-in memory storage for system set up and audio source, USB/SD/AM/FM audio source, 8 AUX line inputs, 2 Mic inputs.

MAG808, 8x8 audio matrix system.

8 audio inputs, 8 audio outputs, 7" touch screen, 4 remote paging stations, computer and android smart phone remote control, 4G built-in memory storage for audio source, USB/FM audio source, 8 AUX line inputs, 2 Mic inputs (with phantom power), TEL input, 8 fire alarm inputs and one EMC output.



PA7500, Wireless PA System.

It can realize Public Address functions via wireless radio transmission. The PA7500 supports 64 zones control and 3 hierarchies control. It can transfer the signal 3km to 20km.

DSP9100, IP Network Audio System.

200 zones IP network PA system, supports off-line auto running.

MAG6182, IP Network PA System.

Modularized function design. Default 250 zones control, can be extended to 1000 zones or more. Support working within LAN network and can work across different networks.

