MEM

Sound is Beautiful

2017 EXHIBITIONS & CONVENTIONS

ISE
7-10 FEB 2017
AMSTERDAM

ANNUAL MEETING
24-25 FEB 2017
GUANGZHOU, CHINA

GET SHOW
27 FEB-3 MAR 2017
GUANGZHOU, CHINA

PROLIGHT+SOUND
4-7 APR 2017
FRANKFURT, GERMANY

INFOCOMM USA
14-16 JUN 2017
ORLANDO, USA

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Reproduction of audio with style and elegance

MEM AUDIO

2300 Clements Ferry Road, Suite 202, Charleston, SC 29492 USA

Tel: +1-843-819-8883   Fax: +1-843-388-4151

Email: info@memaudio.com   Website: www.memaudio.com

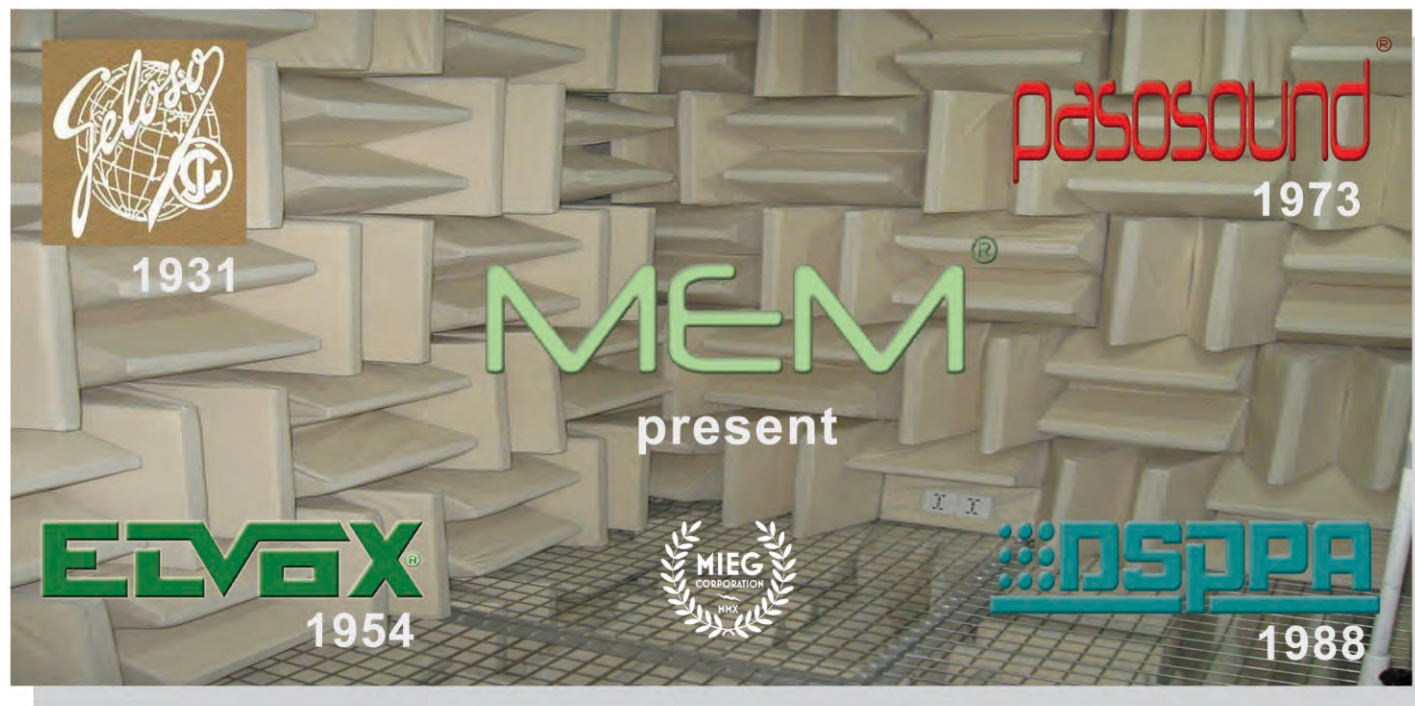**2017**

An Evolution of Brands

Reproduction of Audio with Style and Elegance

Company Profile

MIEG is a corporation withover 80 years of designing, engineering and manufacturing experience. With two production centers of over 40,000 square meters, MIEG Corporation employs over 1000 employees and 150 R&D engineers. Technological innovations, strict quality & environmental control (ISO9001 and ISO14000) and market-orientated product developments have made MEM become a leading brand in the international commercial audio market. MEM has the most complete and professional production range of audio equipment, which varies from amplifiers, loudspeakers, intelligent PA systems, network PA systems to conference systems, smart home audio systems and interactive E-learning systems. As the chief editor of Technical code for public address system engineering in China, MIEG is widely recognized as the largest commercial audio equipment manufacturer in Asia and through out the world.

Factory Audio Museum and Interactive Learning Center

A Display of the Past and a Platform for the Future

Main Products

Commercial Audio Systems

Digital Conference Systems

Smart Home Systems
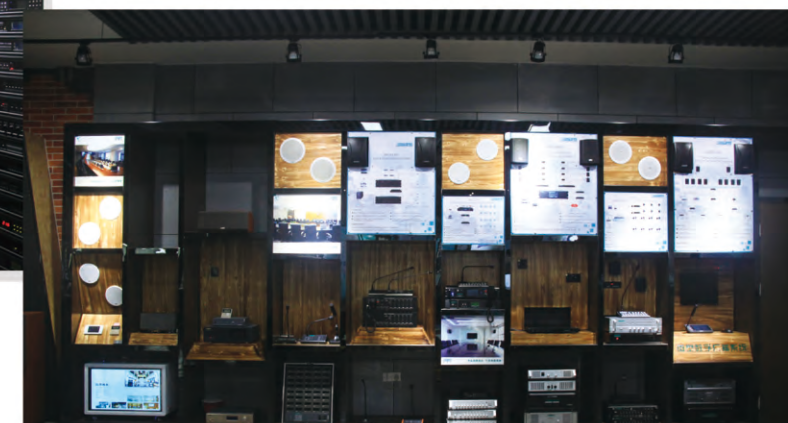
Experience Center

Speakers

Intelligent Teaching System
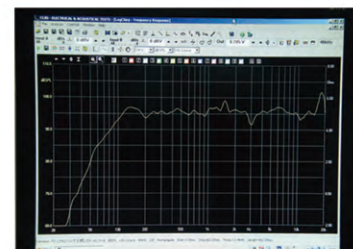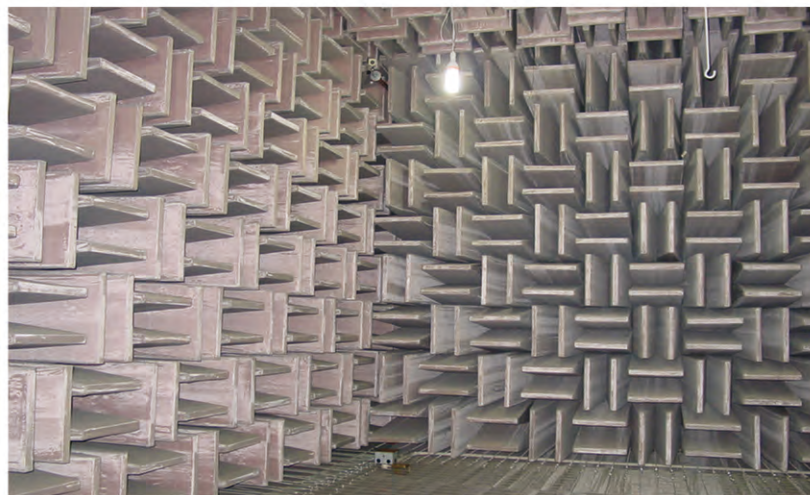

Analog PA Systems

Digital PA Systems

Intelligent Audiovisual Control System

R & D

15 R&D teams, 150 engineers

Anechoic Chamber

Quality Control

Lightning Surge Generator

Fast Transient Burst Simulator

Electrostatic Discharge Generator

AP Test Equipment

Automatic Production

The MEM philosophy is simple; design and manufacture the best sounding products. With over eighty years of audio design and manufacturing experience; MEM understands the demands of the audio industry. Features are meaningless if the product does not recreate sound to it's truest form. MEM with years of R&D and global installations, utilizes it's real world testing and customer feedback, to make our audio solutions unprecedented. Our love for audio is reflected in our products.

The success of MEM is based on advanced technology, market-orientated strategy and insistent engineering efforts. MEM is dedicated to providing first-class products and service for worldwide clients.

Certificates

RoHs
UL Certificate
CE Certificate
CB Certificate
CCC Certificate
IP×6 Waterproof Certificates
ISO9001, ISO14000 Certificate
Chief Editor of *Technical code for public address system engineering*
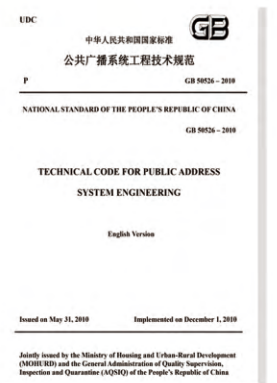
Global Installations

Relying on its advanced technology and excellent service, MEM has offered its public address equipment and solutions to many famous projects internationally.

PA System Supplier of 2014 Winter Olympics in Sochi,Russia
PA System Supplier of World Expo 2010 Shanghai China
PA System Supplier of 2008 Beijing Olympic Games
PA System Supplier of High-Speed Railway of China

2008 Beijing Olympics

Railway Stations

China Exhibition Complex in Shanghai

2010 Shanghai Expo

Airports

Contents

MAG808
8×8 Digital Audio Matrix

Computer Control

8 X
Audio Inputs

4 X
Remote Paging

Fire
Center

Android Pad Control

Cat-5
Audio
Speaker
Fire Alarm

MAG808C
Control Panel 1

Zone 1

DA4250
4 Channel Digital Amp

DA4250

MAG808C
Control Panel 8

Zone 8

MAG808

Features:

● 8x8 digital audio matrix (extendable to 32 zones)

● Balanced input & output with EQ control

● Built-in FM, MP3, Timing, 2 Mic (with phantom)

● 1 EMC input & output, 8 dry contact inputs

● 7" touch screen, easy to use

● 4 remote paging stations

● Remote panel control for each zone

● Computer & Android app control

Applications:

Medium to large size venues: shopping mall, supermarket, hotel, factory, etc.

MAG808C
8 Zones Remote Control Panel

Features:

● RJ45 port power and control interface

● Balanced audio input and output

● Clear audio signal level indicator

● Partitioned source control and volume control

● MP3 via USB input with independent volume control

● 1 line input and 1 MIC input with independent volume control

MAG808S
8 Zones Mini Remote Control Panel

Features:

● RJ45 port power and control interface

● Balanced audio input and output

● Partitioned source control and volume control

● Back Box for in wall installation

MAG808R
8 Zones Remote Paging Microphone

Features:

● 8 zones control

● Clear signal level indication

● Built-in chime signal for paging

● Adjustable volume of MIC and chime

● Adopts D626 goose-neck microphone

● RJ45 interface, support the cascade linkage

Model	Line Input sensitivity	Line Input Freq. Response	Mic Input sensitivity	Mic Input Freq. Responsee	Output distortion	Dimension	Net Weight
MAG808	1V	20Hz-20kHz (±3dB)	5mV	80Hz-10kHz (±3dB)	<1%, 1KHz	484x375x132mm	10kg
MAG808C	300±50mV	20Hz-20kHz (±3dB)	10±2mV	100Hz-15kHz (±3dB)	<0.5%, 1KHz	145x80x47mm	0.4kg
MAG808S	——	——	——	——	——	86x86x42mm	0.16kg
MAG808R	——	——	45±5 mV	100Hz-15kHz (±3dB)	<0.5%, 1KHz	231.5x145.5x67.5mm	6.9kg

MAG2120M/MAG2140M
20/40 Zones Intelligent PA System
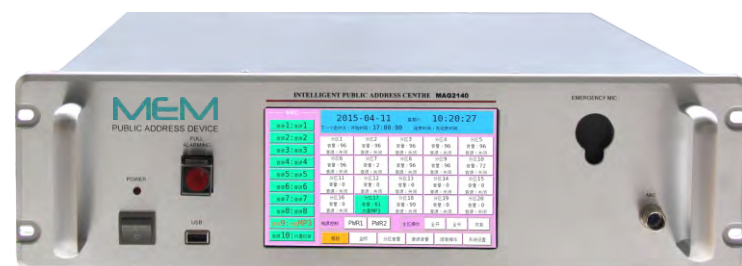
MAG2120M (MAG2140M) is a powerful intelligent PA system center. It is an 8x20 (8x40) audio matrix. It has all the functions of a normal PA project, such as background music playing, programed audio playing, remote paging, fire alarm, etc.

It supports 8 audio inputs and 20 (40) audio outputs. It can play the audio of AUX inputs, USB, Tuner, built-in memory, etc. The users can play different music to different zones.

The system supports remote paging and remote computer control, which make it easier for the management of large PA projects.

The use of industrial grade PCB's along with MEM's professional design makes the system reliable and stable. It is a cost-effective and reliable PA solution for schools, shopping malls, factories, railway stations, etc.

Campus PA Solution-MAG2120M/MAG2140M
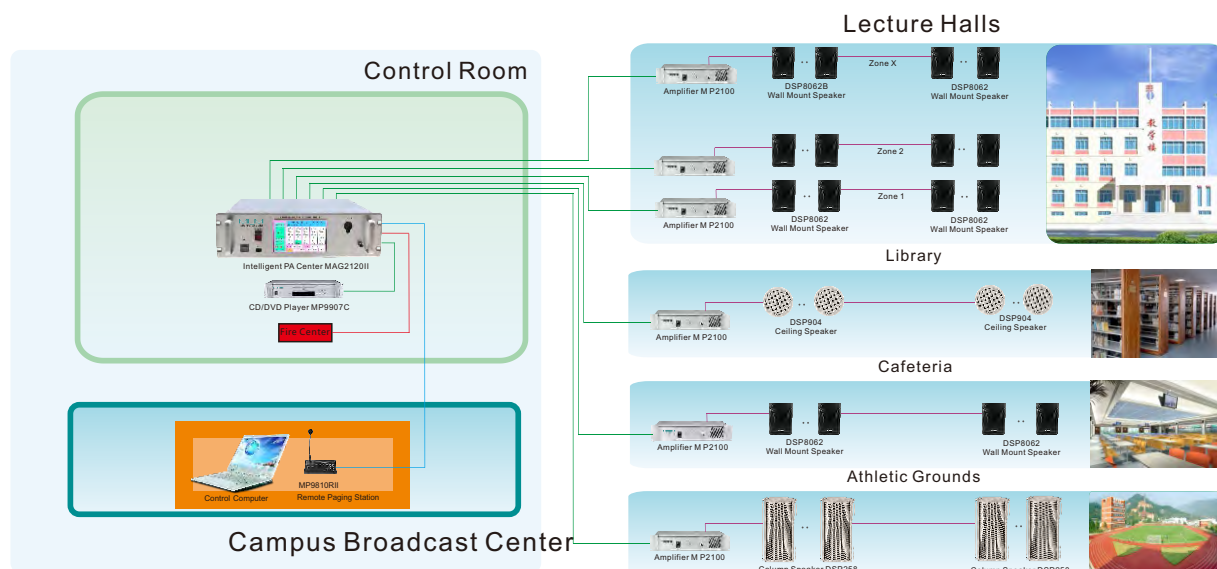
MAG2120M/MAG2140M
20/40 Zones Intelligent Public Address Center

Features:

● 8 inputs & 20/40 outputs audio matrix

● 7" color touch screen for friendly use

● Audio source: AUX input, USB, tuner, built-in memory

● Support 4 remote paging stations

● Support remote computer control

● Weekly timer function: 5 programs, each 500 points

● Built-in TEL module for telephone input and meeting

● Built-in monitor speaker for monitoring each zone

● 2 AC power outputs for external equipment

Model	Audio Input	Audio Output	Remote Paging	SNR	AUX Input Sensitivity	Freq. Respponse	Dimension	Net Weight
MAG2120M	8	20	4	≥85dB	250mV	20Hz-20kHz	484x360x132mm	9.2kg
MAG2140M	8	40	4	≥85dB	250mV	20Hz-20kHz	484x360x132mm	9.6kg

MP9810RM
Remote Paging Station

Features:

● Support remote paging up to 100 zones

● Long working distance, up to 1km

● Built-in 2 chimes for speech & paging notification

● With AUX line input and 1 AUX line output

● Mic & Chime volume are adjustable

Model	Mic SNR	AUX SNR	AUX THD	Mic Sensitivity	AUX Sensitivity	Mic Freq. Response	AUX Freq. Response	Dimension	Net Weight
MP9810RM	≥60dB	≥70dB	≤0.1%	5mV(±1mV)	1000mV/(±100mV)	150Hz-15kHz	20Hz-20kHz	270x180x55mm	1.5kg

Digital Power Amplifier
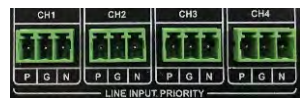
Priority Line Input

70V Priority Input

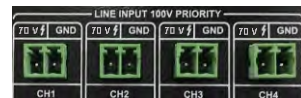The Priority Line Input & 70V Priority Input will override the normal line input, offers more options in audio project designs.

25V/70V Output Switcher

End user can select the speaker output for each channel

DC 24V Power Input

The amplifier will turn into DC power mode when AC power fails. Smoothly change without shutting down.

Multi-Channel Class-D Digital Amplifier

70V Speaker

4X Audio Inputs

AUX priority x 4

70V input x 4

4 Channels Digital Amplifier

Channel 4

Channel 3

Channel 2

Channel 1

4 X Balanced Output

DC 24V Power
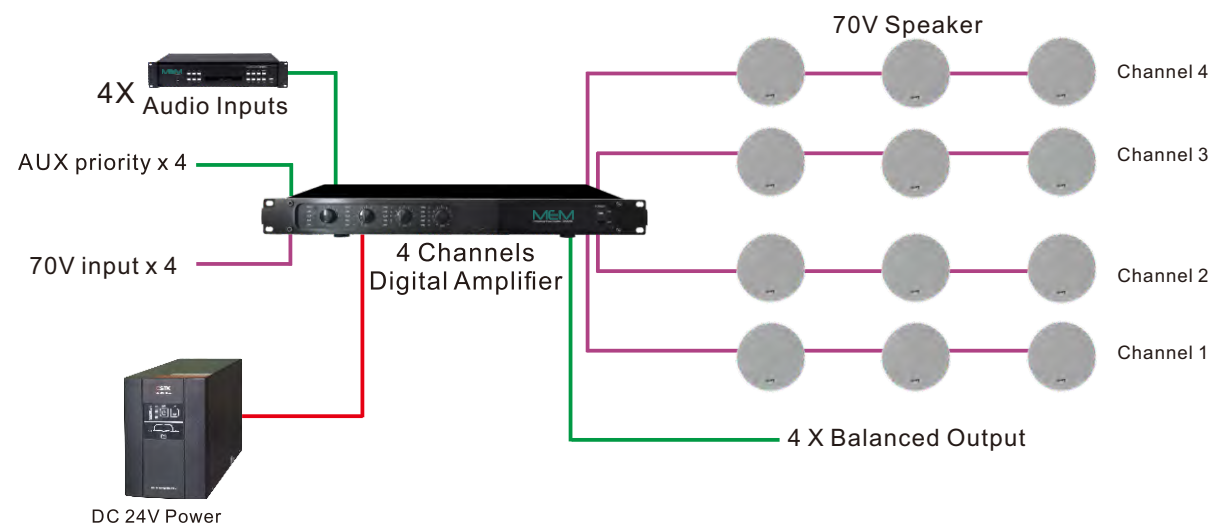
2 Channel Digital Amplifier
RMS 2x125W/2x250W/2x500W

4 Channel Digital Amplifier
RMS 4x60W/4x125W/4x250W

Features:

- 4 audio inputs, 4 speaker outputs
- Class-D technology, high efficiency 85%
- 4 AUX/70V inputs with priority
- Wide AC input (110V,180-260V) & DC 24V

Applications:

All kinds of PA projects: school, factory, hotel, supermarket, etc.

DA4060/DA4125/DA4250

4 Channels Digital Power Amplifier

Features:

- 4 channel amplifiers within one 1U & 19" case
- Four audio inputs and four channel speaker outputs
- Four priority inputs and four 70V inputs
- 70V speaker output for commercial applications
- Industrial design for audio project, long term & stable use
- High efficiency (85%) and with standby function for power saving

Model	RMS Power	THD	SNR	Freq. Responsee	Output Voltage	Dimension	Net Weight
DA4060	4x60W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44mm	7.4kg
DA4125	4x125W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44mm	7.7kg
DA4250	4x250W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44mm	8.0kg

DA2125/DA2250/DA2500

2 Channels Digital Power Amplifier

Features:

- 2 channel amplifiers within one 1U & 19" case
- Two audio inputs and two channel speaker outputs
- Two priority inputs and two 70V inputs
- 70V speaker output for commercial applications
- Industrial design for audio project, long term & stable use
- High efficiency (85%) and with standby function for power saving

Model	RMS Power	THD	SNR	Freq. Responsee	Output Voltage	Dimension	Net Weight
DA2125	2x125W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44mm	6.7kg
DA2250	2x250W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44mm	6.9kg
DA2500	2x500W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44mm	7.3kg

DA250/DA500/DA750/DA1000

1 Channel Digital Power Amplifier

Features:

● 1RU slim design and 19" for standard rack mounting

● With priority inputs of line input and 100V input

● 70V speaker output for commercial audio applications

● Industrial design for audio project, long term & stable use

● High efficiency (85%) and with standby function for power saving

Model	RMS Power	THD	SNR	Freq. Responsee	Output Voltage	Dimension	Net Weight
DA250	250W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44	6.0kg
DA500	500W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44	6.2kg
DA750	750W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44	6.6kg
DA1000	1000W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44	6.8kg

DA8006/DA8010/DA8020/DA8030

8 Channel Digital Amplifier

Features:

● 8 channels speaker output of 70V

● Digital amplifier module, high efficiency

● 8 master amplifier, 1 stand-by amplifier

● Automatic substitution of main Amp. and stand-by Amp

● Support cascaded linkage for power extension

Model	RMS Power	Input Sensitivity	Freq. Responsee	SNR	Speaker Output	Dimension	Net Weight
DA8006	8x60W	1V(0dB)	50Hz-20kHz(±3dB)	≥80dB	70V	484x420x180mm	11.1kg
DA8010	8x100W	1V(0dB)	50Hz-20kHz(±3dB)	≥80dB	70V	484x420x180mm	13.8kg
DA8020	8x200W	1V(0dB)	50Hz-20kHz(±3dB)	≥80dB	70V	484x420x180mm	18.5kg
DA8030	8x300W	1V(0dB)	50Hz-20kHz(±3dB)	≥80dB	70V	484x420x180mm	21.9kg

MP210U/MP310U/MP610U/MP1010U

6 Zones Paging and Music Mixer Amplifier with USB & Tuner

Features:

● 6 zones output, each zone with individual volume control

● Support USB / SD / FM radio, with built-in chime

● 4 MIC inputs, Mic 1 with priority and muting function

● 3 AUX line input & 1 AUX line output for power extension

● Each AUX & Mic input with individual volume control

● 70V & 4-16 Ω flexible speaker output

6 zones output
4 Mic and 3 Aux inputs
70V 6 zones outputs
4-16Ω output

4-16Ω speaker

USB SD FM

4x

3x CD Player

Zone 1
Zone 2
Zone 4
Zone 4
Zone 5
Zone 6

— Audio signal
— 70V speaker cable
— 4-16Ω speaker cable

Extention Amplifier
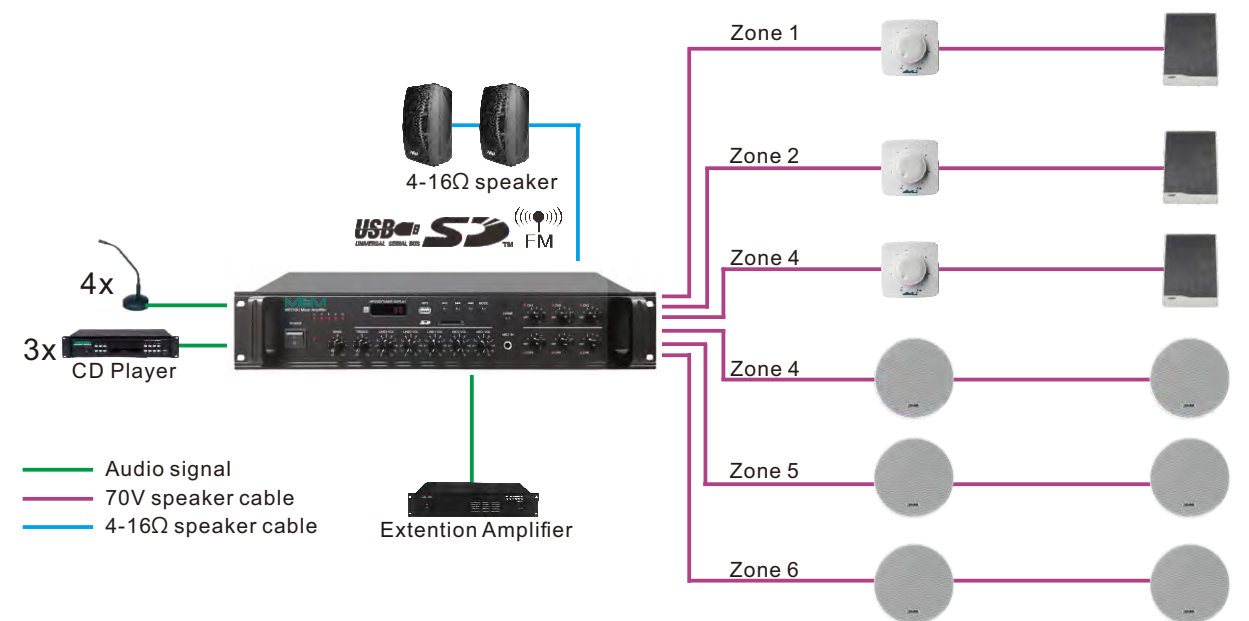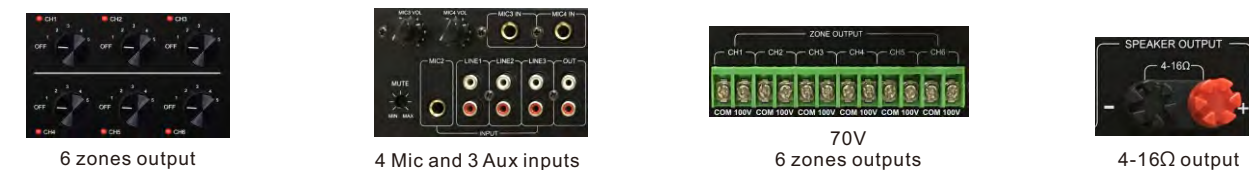
Applications:

Applicable to small and medium venues: stores, coffee shops, supermarket, etc.

Model	RMS Power	THD	Freq. Responsee	Mic Input Sensitivity	AUX Input Sensitivity	Speaker Output	Dimension	Net Weight
MP210U	60W	≤1%	80Hz-16kHz	3.0mV(±0.5mV)	300mV(±50mV)	70V/100V & 4-16Ω	418x338x88mm	9.7kg
MP310U	120W	≤1%	80Hz-16kHz	3.0mV(±0.5mV)	300mV(±50mV)	70V/100V & 4-16Ω	418x338x88mm	11.5kg
MP610U	250W	≤1%	80Hz-16kHz	3.0mV(±0.5mV)	300mV(±50mV)	70V/100V & 4-16Ω	418x338x88mm	14kg
MP1010U	350W	≤1%	80Hz-16kHz	3.0mV(±0.5mV)	300mV(±50mV)	70V/100V & 4-16Ω	418x338x88mm	15kg

MP812/MP825/MP835
6 Zones Integrated Mixer Amplifier with Remote Paging

Features:

● 6 zones output, each zone with individual volume control

● Support AUX/USB/Bluetooth for audio input

● 4 remote paging stations, support cascaded linkage

● 4 combo Mic inputs, support phantom power supply

● 2 AUX line inputs, 1 EMC input, 1 chime trigger input

● Each AUX and Mic input with volume and Bass & Treble control

● Support TEL input, built-in one touch emergency alarm

● 70V & 4-16 Ω optional speaker outputs

● Support both AC & DC 24V power supply

4 Mic inputs with Phantom Power　　4 Remote Paging　　70V & 4-16Ω Speaker Output　　Built-in TEL Module

AUX INPUT　Microphone　USB UNIVERSAL SERIAL BUS　Bluetooth　Alarm

General Manager

Service Center

Paging Mic CM12

Control Room　　Mixer Amplifier MP812

Paging Mic CM12

Warehouse　　Shopping Zone 4　　Shopping Zone 1　　Outside Broadcast
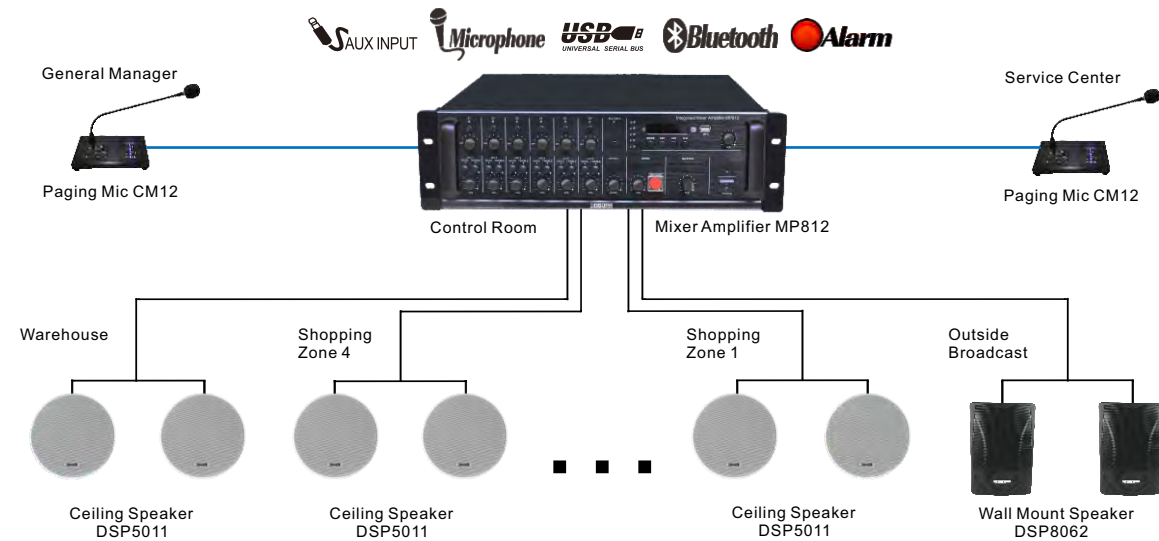
Ceiling Speaker DSP5011　　Ceiling Speaker DSP5011　　Ceiling Speaker DSP5011　　Wall Mount Speaker DSP8062

Applications:

Small to medium size venues: school, small factory, small hotel, supermarket, etc.

Model	RMS Power	THD	SNR	AUX Freq. Responsee	AUX Input Sensitivity	Speaker Output	Dimension	Net Weight
MP812	120W	≤1%	MIC: ≥55dB	80Hz-20kHz	300mV (±50mV)	70V & 4-16Ω	483x413x132mm	14kg
MP825	250W	≤1%	TEL: ≥65dB	80Hz-20kHz	300mV (±50mV)	70V & 4-16Ω	483x413x132mm	17kg
MP835	350W	≤1%	LINE: ≥75dB	80Hz-20kHz	300mV (±50mV)	70V & 4-16Ω	483x413x132mm	19kg

MP200U/MP300U/MP600U/MP1000U
2 Zones Integrated Mixer Amplifier with Remote Paging

Features:

● 70V & 4-16 Ω speaker output

● Rated power 60/120/250/350W

● Built in two zones 70V output

● Built-in 4 Mic and 2 AUX and USB/FM/Bluetooth

● Support 2 remote paging stations

● Individual volume control for Mic1-4 and Line1-2

● Mic 2-4 with phantom power 48V and gain control

● Chime/Siren/Mute dry contact with gain control

● Priority: EMC/MIC1/Remote Microphone/Short Circuit adjustable

● With 19" rack mount ears (optional)

4-16Ω & 70V/100V Speaker Outputs

Dry Contact Inputs

EMC Input

Mic Inputs with Phantom Power

Clear Screen Display of Status

RM20
2 Zones Remote Paging Microphone

Features:

● RJ-45 interface for power & signal, support cascaded linkage

● Built-in chime, special one-touch-to-talk design for convenient use

MP6906/MP6912/MP6925/MP6935
Mixer Amplifier with 6 Mic & 4 AUX & Equalizer

Features:

● 6 Mic inputs, 5 Mic with phantom power supply

● 4 AUX inputs & 1 AUX output for power extension

● 7-band equalizer with convenient adjustment

● Support Mic Frequency Shift function

● Built-in chime for speech/paging notification

● Easy selection for each Mic input and AUX input

● 70V & 4-16Ω optional speaker output for different uses

Adjustment for Freq Shift-Chime Volume-Mute Effect　　7 Band Equalizer　　5 Mic with Phantom Power
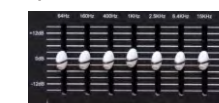
Model	RMS Power	THD	Mic Sensitivity	AUX Sensitivity	Freq. Responsee	Speaker Output	Dimension	Net Weight
MP6906	60W	<1%	2.5mV (±0.5mV)	250mV (±50mV)	50Hz-20kHz	70V/100V & 4-16	430x369x88mm	10.2kg
MP6912	120W	<0.5%	2.5mV (±0.5mV)	250mV (±50mV)	50Hz-20kHz	70V/100V & 4-16	430x369x88mm	12.0kg
MP6925	250W	<0.5%	2.5mV (±0.5mV)	250mV (±50mV)	50Hz-20kHz	70V/100V & 4-16	430x369x88mm	14.8kg
MP6935	350W	<0.5%	2.5mV (±0.5mV)	250mV (±50mV)	50Hz-20kHz	70V/100V & 4-16	430x369x88mm	16.0kg

MP35M/MP60M
Ultrathin Digital Mixer Amplifier

Features:

- Rated power 35W/60W, 70V & 4-8-16Ω output
- Compact 1 U mini size public address amplifier
- Line 1-2 input of RCA input and one RCA line output
- Mic 1 of 6.35mm in front panel with priority & muting
- Mic 2 of balanced XLR in rear panel
- Built-in EMC input of 70V and 300MV
- Priority level: EMC>MIC1>others
- Power supply: AC 110-240V & DC 24V

Model	RMS Power	THD	SNR	Freq. Responsee	Speaker Output	Dimension	Net Weight
MP35M	35W	≤1%	≥70dB	80Hz-16kHz	70V/100V & 4-16Ω	250×205×44mm	2.5kg
MP60M	60W	≤1%	≥70dB	80Hz-16kHz	70V/100V & 4-16Ω	250×210×44mm	2.6kg

MP200PM/MP300PM/MP600PM/MP1000PM
Mixer Amplifier with 3 Mic & 2 AUX Inputs

Features:

- 70V & 4-16Ω optional speaker outputs
- Rated power output: 60W/120W/250W/350W
- 3 MIC inputs, Mic 1 with priority and muting function
- 2 AUX line inputs &1 AUX line output for power extension
- Each microphone and line input has seperated volume control
- Bass and treble tone control ensures wonderful sound effect

Model	RMS Power	THD	Mic Sensitivity	AUX Sensitivity	Freq. Responsee	Speaker Output	Dimension	Net Weight
MP200PM	60W	<0.5%	≤3mV/600Ω	≤300mV/10kΩ	50Hz-16kHz	70V/100V & 4-16Ω	420x338x88mm	8.5kg
MP300PM	120W	<0.5%	≤3mV/600Ω	≤300mV/10kΩ	50Hz-16kHz	70V/100V & 4-16Ω	420x338x88mm	9.0kg
MP600PM	250W	<0.5%	≤3mV/600Ω	≤300mV/10kΩ	50Hz-16kHz	70V/100V & 4-16Ω	420x338x88mm	13.0kg
MP1000PM	350W	<0.5%	≤3mV/600Ω	≤300mV/10kΩ	50Hz-16kHz	70V/100V & 4-16Ω	420x338x88mm	13.4kg

MP35/MP60
Mini Digital Mixer Amplifier

Features:

- Digital amplifier module, high efficiency (85%)
- Rated power 35W/60W, 70V & 4-8-16Ω output
- Audio source: 3 Mic/2 AUX inputs
- Built-in EMC input for emergency use
- Priority level: EMC>MIC1>others
- Mic 1 of 6.35mm in front panel with priority & muting

Model	RMS Power	THD	SNR	Mic Freq.Response	AUX Freq. Response	Speaker Output	Dimension	Net Weight
MP35	35W	≤1%	≥70dB	100Hz-20kHz	80Hz-20kHz	70V/100V & 4-16Ω	290x219x92.5mm	4.9kg
MP60	60W	≤1%	≥70dB	100Hz-20kHz	80Hz-20kHz	70V/100V & 4-16Ω	290x219x92.5mm	4.9kg

DMA6224
2x240W Dual Mixer Amplifier for House of Worship

Features:

- 2 zones output, each zone with individual volume control
- 6 MIC inputs in total,5 Mic inputs with phantom power
- 2 AUX line inputs & 2 AUX outputs for power extension
- Each AUX & Mic input with individual volume control
- Built-in delay and echo effect for worship ceremony
- Built-in Bass/Middle/Treble and EQ control for Mic inputs
- Support AUX/USB/Bluetooth inputs for audio sources
- Built-in chime & siren, support EMC and 70V priority input
- 70V optional speaker outputs

Bass-Middle-Treble & Echo effect control

Preset AUX Input

AUX Output for Power Extension

5 Mic Inputs with Phantom Power

2 Zones Speaker Outputs of 70V-100V

Model	RMS Power	THD	Mic SNR	Mic Sensitivity	AUX SNR	AUX Sensitivity	Freq. Response	Speaker Output	AUX Output
DMA6224	2x240W	≤0.1%	≥60 dB	5mV	≥70 dB	350mV	80Hz-16KHz	70V/100V	1V/10KΩ

DA2200
400W Hybrid Amplifier with USB/Bluetooth/Tuner/AB Zones

Features:

- RMS Power: 2*2X100W @ 4Ω; 2*2x50W @8Ω
- Digital screen for audio source and status display
- Built in USB, Bluetooth and FM tuner
- 2 stereo audio inputs and 1 RCA output
- Built in 4 Mic inputs with phantom power for Mic 2-4
- Echo/ Volume/Bass/Treble control for microphones
- Built in chime and siren with gain control
- Built-in RS232 interface for remote control
- Power supply：100-240V/50/60Hz

DM835
2x10W Bluetooth On-wall Stereo Music Amplifier

- Music player with built-in 2x10W stereo digital amplifier
- Music sources: Bluetooth, FM, SD, USB, 2 AUX inputs
- With IR remote controller for convenient use
- Back Box for in wall installation

DM836M
2x20W Network On-wall Stereo Music Amplifier

- Music player with built-in 2x20W stereo digital amplifier
- 5'' TFT capacitance touch screen
- Music sources: Bluetooth, Network Radio, SD, AUX input
- Built-in 4G memory as local music source
- Built-in EQ control for customized sound effect
- With IR remote controller for convenient use
- Built-in RJ-45 interface, support APP control via smart phone
- On wall installation design, silver/black/white/golden color available

DM838
2x20W Network On-wall Stereo Music Amplifier

- Music player with built-in 2x20W stereo digital amplifier
- 5'' TFT capacitance touch screen
- Music sources: Bluetooth, SD, AUX input, Network Music, Air Play, DLNA
- Built-in Android platform, support APP installation and APP control
- On wall installation design, silver/black/white/golden colors available

Model	RMS Power	Bluetooth	SD	USB	Radio	Remote Controller	APP Control	Dimension	Net Weight
DW835	2X10W	V	V	V	FM	V	-	86x86x38mm	0.2kg
DW836II	2X20W	V	V	-	Network Radio	V	V	172x86x50mm	0.38kg
DW838	2X20W	V	V	-	Network Radio	-	V	172x86x45mm	0.38kg

MP220PM
Classroom Mixer Amplifier with Microphone & Lock

Features:

- With cover and lock for amplifier and microphone
- With hook on the back for on-wall installation
- 2 Mic & 2 AUX inputs with individual volume control
- Bass & treble tone adjustment for sound effect
- Support 24V EMC input and 70V line input with priority

Model	RMS Power	Mic Sensitivity	Mic Freq. Response	AUX Sensitivity	AUX Freq. response	Speaker Output	Dimension	Net Weight
MP220PM	20W	≥5mV/600Ω	150Hz-15kHz	≥350mV/10kΩ	20Hz-20kHz	4-16Ω	250x220x80mm	3.2kg

MP35U/MP60U
Mini Digital Mixer Amplifier with USB & Bluetooth

Features:

- Rated power 35W/60W, 70V & 4-8-16Ω output
- Digital amplifier module, high efficiency (85%)
- With USB, FM and Bluetooth function
- Line 1-2 input of RCA input and one RCA line output
- Mic 1 of 6.35mm in front panel with priority & muting
- Mic 2-3 of balanced XLR in rear panel
- Built-in EMC input for emergency use
- Priority level: EMC>MIC1>others
- Power supply: AC 110-240V/50Hz/60Hz & DC 24V

Model	RMS Power	THD	SNR	Freq. Response	Speaker Output	Dimension	Net Weight
MP35U	35W	≤1%	≥70dB	70Hz-16kHz	70V/100V & 4-16Ω	290×219×92.5mm	3.5kg
MP60U	60W	≤1%	≥70dB	70Hz-16kHz	70V/100V & 4-16Ω	290×219×92.5mm	3.5kg

MP9306/MP9312
Mini Digital Mixer Amplifier with USB & Bluetooth

Features:

- Rated power 60W/120W, 70V speaker output
- Digital amplifier module, high efficiency (85%)
- Built-in USB & Bluetooth module
- 2 AUX & 2 Mic inputs & 1 AUX output
- Each AUX & Mic input with individual volume control
- Mic 1 of 6.35mm in front panel, with priority & muting
- With priority input and 70V input
- 1 U compact design, space and cost saving
- Support both AC power and DC 24V power input

Model	RMS Power	THD	SNR	Freq. Responsee	Speaker Output	Dimension	Net Weight
MP9306	60W	≤1%	≥80dB	80Hz-15kHz	70V	200×190×44mm	1.5kg
MP9312	120W	≤1%	≥80dB	80Hz-15kHz	70V	200×190×44mm	1.5kg

MP260U/MP212U
6 Zones Mixer Amplifier with USB/SD/FM

Features:

- 6 zones output @ 70V for long distance transfer
- Support USB/SD/FM radio for audio source inputs
- 2 MIC inputs, Mic 1 with priority and muting function
- 3 AUX inputs & 1 AUX output for power extension
- Each AUX & Mic input with individual volume control
- Reliable protection from overheat, overload, clip & short circuit

| Model	RMS Power	SNR	Mic Sensitivity	AUX Sensitivity	Freq. Responsee	Speaker Output	Dimension	Net Weight
MP260U	60W	≥80dB	3mV(±0.5mV)	300mV(±30mV)	65Hz-20kHz (±3dB)	70V	430x280x88mm	7.2kg
MP212U	120W	≥80dB	3mV(±0.5mV)	300mV(±30mV)	65Hz-20kHz (±3dB)	70V	430x280x88mm	8.9kg

MP7806/MP7812/MP7825/MP7835
2 Zones all-in-one Amplifier with MP3/Tuner/CD/DVD

Features:

● 2 zones output, with Bass & Treble tone control

● Support USB/FM radio, with built-in CD/DVD player

● 4 Mic/AUX line inputs with individual volume control

● With phantom power supply and gain control for Mic inputs

● With built-in DVD player and video output

● With built-in chime, support chime trigger input

● 70V & 4-16 Ω optional speaker output

4 Mic inputs with Phantom Power

FM & AM Radio

70V & 4-16Ω Speaker Output

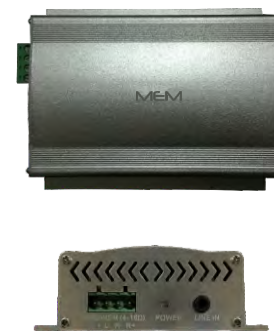| Model	RMS Power	THD	AUX Input Sensitivity	AUX Freq. Response	Phantom Power for Mic	Speaker Output	Dimension	Net Weight
MP7806	60W	< 0.5%	250mV/10KΩ	40Hz-20kHz	48(±2V)	70V/100V & 4-16Ω	430x400x132mm	13.0kg
MP7812	120W	< 0.5%	250mV/10KΩ	40Hz-20kHz	48(±2V)	70V/100V & 4-16Ω	430x400x132mm	14.5kg
MP7825	250W	< 0.5%	250mV/10KΩ	40Hz-20kHz	48(±2V)	70V/100V & 4-16Ω	430x400x132mm	17.3kg
MP7835	350W	< 0.5%	250mV/10KΩ	40Hz-20kHz	48(±2V)	70V/100V & 4-16Ω	430x400x132mm	19.1kg
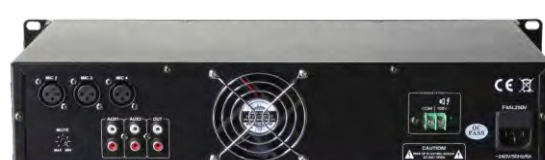
MP60B/MP120B
Mixer Amplifier with 4 Mic & 2 AUX & USB

Features:

● Speaker output @ 100V for long distance transfer

● With USB in front panel for audio input

● 4 MIC inputs, Mic 1 with priority and muting function

● 2 AUX line input & 1 AUX line output for power extension

● Each AUX & Mic input with individual volume control

● Protection from overheat, overload, clip & short circuit

Model	RMS Power	THD	Mic Sensitivity	AUX Sensitivity	Freq. Responsee	Speaker Output	Dimension	Net Weight
MP60B	60W	<1%	3mV (±0.5mV)	200mV (±30mV)	65Hz-20kHz	70V	430x300x88mm	6.0kg
MP120B	120W	<1%	3mV (±0.5mV)	200mV (±30mV)	65Hz-20kHz	70V	430x300x88mm	7.0kg

Mini40
2x20W Mini Bluetooth Amplifier

Features:

● 4-16Ω speaker output

● Rated power 2x20W

● Audio source: Bluetooth/AUX

● Mini Stereo Class D Amp. with high efficiency

● Compact and elegant design

Model	RMS Power	THD	AUX Input Sensitivity	AUX Freq. Responsee	Speaker Output	Dimension	Net Weight
Mini40	2x20W	≤ 1 %	500mV	20Hz-20kHz(±2dB)	4-16Ω	125x100x35mm	0.35kg

Mini60
2x30W Mini Digital Amplifier with USB & Bluetooth

Features:

● Built-in 2x30W stereo Class D amplifier

● Wireless support via Bluetooth 3.0 and USB/SD input

● 1 AUX input and 1 AUX output for power extension

● With remote controller for convenient use

● Aluminum-alloy casing, small volume & portable

● 12-24V DC power supply for safe use

Model	RMS Power	THD	AUX Input Sensitivity	AUX Freq. Responsee	Speaker Output	Dimension	Net Weight
Mini60	2x30W	< 1 %	-6dBV	20Hz-20kHz(±3dB)	4-16Ω	180x145x60mm	0.8kg

MP9006/MP9012/MP9025/MP9035
Mixer Amplifier with 5 Mic & 2 AUX & FM & USB

Features:

● 5 MIC inputs, 2x combo jacks with phantom power

● 2 AUX inputs & 1 AUX output for power extension

● Each AUX & Mic input with individual volume control

● Support USB and FM radio, built-in 2 chimes and EMC input

● 3 priority input levels: MIC 1>Chime/EMC>other inputs

● Bass and treble tone control ensures wonderful sound effect

● 70V & 4-16Ω optional speaker output for different uses

Model	RMS Power	Mic Sensitivity	Mic Freq. Responsee	AUX Sensitivity	AUX Freq. Responsee	Speaker Output	Dimension	Net Weight
MP9006	60W	2.5mV/600Ω	100Hz-10kHz	250mV/10kΩ	50Hz-20kHz	70V/100V & 4-16Ω	430x368x88mm	11.5kg
MP9012	120W	2.5mV/600Ω	100Hz-10kHz	250mV/10kΩ	50Hz-20kHz	70V/100V & 4-16Ω	430x368x88mm	12.5kg
MP9025	250W	2.5mV/600Ω	100Hz-10kHz	250mV/10kΩ	50Hz-20kHz	70V/100V & 4-16Ω	430x368x88mm	15.2kg
MP9035	350W	2.5mV/600Ω	100Hz-10kHz	250mV/10kΩ	50Hz-20kHz	70V/100V & 4-16Ω	430x368x88mm	16.0kg

MP8712/MP8735/MP8745
6 Zones all-in-one Amplifier with USB/Tuner/Timer

Features:

● 6 zones output, with Bass & Treble tone control

● With program timer for auto working,100 points/day,7 days/week

● 3 Mic/AUX line inputs with individual volume control

● Mic 1/AUX 1 with priority and muting function

● Support USB/FM/AM radio, with built-in 1G memory storage

● Each AUX & Mic input with individual volume control

● 70V & 4-16 Ω flexible speaker output

● With 24V shortcut output & 120V power supply for external equipment

Short Circuit Output

FM & AM Radio

Multiple Mic & AUX Inputs

70V & 4-16Ω Speaker Output

Model	RMS Power	THD	Mic Input	Mic Freq. Response	AUX Input	AUX Freq. Response	Speaker Output	Dimension	Net Weight
MP8712	120W	<0.5%	2.5mV/600Ω	80Hz-15kHz	250mV/10KΩ	50Hz-20kHz	70V/100V & 4-16Ω	430x400x132mm	13kg
MP8735	350W	<0.5%	2.5mV/600Ω	80Hz-15kHz	250mV/10KΩ	50Hz-20kHz	70V/100V & 4-16Ω	430x400x132mm	18kg
MP8745	450W	<0.5%	2.5mV/600Ω	80Hz-15kHz	250mV/10KΩ	50Hz-20kHz	70V/100V & 4-16Ω	430x400x132mm	18.3kg

MD2016
2 Zones Mixer Amplifier with SD/USB/Tuner/Bluetooth/Timer

Features:

● 2 zones speaker outputs, with Bass & Treble tone control

● 4.3" color screen display and touch control, easy to use

● Support Bluetooth/SD/USD/Tuner/AUX for audio sources

● Built-in AM & FM modules, can store 40 radio channels

● 1 Mic & 1 AUX input with individual volume control

● Mic 1 in front panel with priority and muting function

● 1 AUX output of RCA interface for power extension

● Program timer for auto working,100 points/day,7 days/week

Model	RMS Power	THD	Mic Input	Mic Freq. Response	AUX Input	AUX Freq. Response	Speaker Output	Dimension	Net Weight
WJ2016	150W	<0.5%	8mV/600Ω	40Hz-16kHz	300mV/10KΩ	50Hz-20kHz	70V	420x400x132mm	11kg

MP906/MP912
4x4 Matrix Mixer Amplifier with Remote Paging

Features:

● Built-in 4 separate amplifier outputs, each channel RMS 60W/120W

● Support AUX/USB/Bluetooth for audio input

● 5 AUX inputs, 3 balanced Mic input with phantom power supply

● 4 remote paging stations, support cascaded linkage

● Each AUX and Mic input with volume and Bass & Treble control

● Each channel can play different audio source, with AUX output for power extension

● Support TEL input, built-in chime and one touch emergency alarm

● 70V & 4-16 Ω optional speaker output

5 AUX Inputs 3 Mic Inputs with Phantom Power   4 Remote Paging   70V & 4-16Ω Speaker Output   Built-in TEL Module   4 AUX Outputs

Remote Paging   AUX INPUT   Microphone   USB UNIVERSAL SERIAL BUS   Bluetooth   Alarm

4 X
4 X

4x4 Matrix Amplifier MP912

channel 1
channel 2
channel 3
channel 4

4 channel outputs

Applications:

Small to medium size venues: school, small factory, small hotel, supermarket, etc.

Model	RMS Power	THD	SNR	AUX Input	AUX Freq. Response	AUX Output Level	Speaker Output	Dimension	Net Weight
MP906	4x60W	≤1%	≥75 dB	300±50mV /10KΩ	80Hz-16kHz	2V/600 Ω balanced	70V/100V & 4-16Ω	483x440x132mm	25.5kg
MP912	4x120W	≤1%	≥75 dB	300±50mV /10KΩ	80Hz-16kHz	2V/600 Ω balanced	70V/100V & 4-16Ω	483x440x132mm	28kg
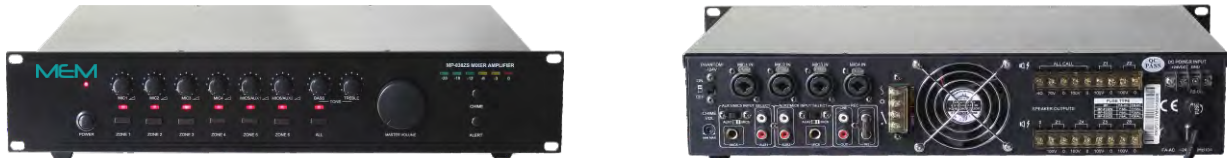
MP825ZS/MP838ZS
6 Zones Mixer Amplifier with 6 Mic & 2 AUX & DC 24V

Features:

● 6 zones speaker outputs @ 70V, all call key control

● Speaker output of 70V and 4-16Ω output

● 6 MIC &,2 AUX inputs,1 record input,1 record output

● Mic 5 & Mic 6 convertible to AUX 1 & AUX 2 inputs

● Individual volume control for each input

● Bass and treble control and master volume control

● Priority level: Mic1>Alert>Chime>others

● Power supply: support both AC power and DC 24V

Model	RMS Power	Mic Sensitivity	Mic Freq. Responsee	AUX Sensitivity	AUX Freq. Responsee	Speaker Output	Dimension	Net Weight
MP825ZS	250W	3mV/600Ω	80Hz-15kHz	270mV/10kΩ	40Hz-20kHz	70V/100V & 4Ω	485x360x88mm	16.0kg
MP838ZS	380W	3mV/600Ω	80Hz-15kHz	270mV/10kΩ	40Hz-20kHz	70V/100V & 4Ω	485x360x88mm	19.3kg

MP210P/MP310P/MP610P/MP1010P
6 Zones Mixer Amplifier with 2 Mic & 3 AUX

Features:

● 6 zones speaker output,each zone with individual volume control

● 2 Mic inputs, Mic 1 with priority and muting function

● 3 AUX line inputs & 1 AUX line output for power extension

● Each AUX & Mic input with individual volume control

● With bass and treble tone control for speaker output

● Built-in chime for speech/paging notification

● 70V & 4-16Ω optional speaker output for different uses

Model	RMS Power	THD	Mic Sensitivity	AUX Sensitivity	Freq. Responsee	Speaker Output	Dimension	Net Weight
MP210P	60W	≤1%	3mV(±0.5mV)	250mV(±50mV)	80Hz-16kHz	70V/100V & 4-16Ω	484x355x88mm	9.7kg
MP310P	120W	≤1%	3mV(±0.5mV)	250mV(±50mV)	80Hz-16kHz	70V/100V & 4-16Ω	484x355x88mm	11.5kg
MP610P	250W	≤1%	3mV(±0.5mV)	250mV(±50mV)	80Hz-16kHz	70V/100V & 4-16Ω	484x355x88mm	14.0kg
MP1010P	350W	≤1%	3mV(±0.5mV)	250mV(±50mV)	80Hz-16kHz	70V/100V & 4-16Ω	484x355x88mm	15.0kg

MP2006IV/MP2012IV
6 Zones Mixer Amplifier with 2 Mic & 3 Line Inputs

Features:

● 6 zones output, with individual zone switch and master switch

● 70V speaker output for long distance transfer

● 2 MIC inputs, Mic 1 with priority and muting function

● 3 AUX line input & 1 AUX line output for power extension

● Each AUX & Mic input with individual volume control

● Bass & Treble tone control for better sound quality control

Model	RMS Power	THD	Freq. Responsee	Mic Input Sensitivity	AUX Input Sensitivity	Speaker Output	Dimension	Net Weight
MP2006IV	60W	≤1%	65Hz-20kHz	3mV	300mV	70V	485x340x88mm	7.2kg
MP2012IV	120W	≤1%	65Hz-20kHz	3mV	300mV	70V	485x340x88mm	8.9kg

MP9811P
Preamplifier with 10 inputs & 2 outputs

Features:

● 10 inputs (5 MIC,3 AUX,2 EMC) and 2 outputs

● Mic 1 in front pannel with priority & mute function

● Each AUX & Mic input with individual volume control

● 3 priority input levels: MIC 1 > EMC > other inputs

● 2 tones control of Bass & Treble for sound effect control

PC1011P
Preamplifier with 12 inputs & 2 outputs

Features:

● 12 inputs (5 MIC,5 AUX,2 EMC) and 2 outputs

● Mic 1 in front pannel with priority & mute function

● Each AUX & Mic input with individual volume control

● 3 priority input levels: MIC 1> EMC > other inputs

● 2 tones control of Bass & Treble for sound effect control

● Built-in Chime for speech/paging notification, volume adjustable

● Screen display, support computer remote control by PC10 System

● Wide power supply range: AC 110V/220V/50Hz/60Hz & DC 24V

ADR25
Preamplifier with 8 inputs & 8 outputs

Features:

● 8 AUX inputs and 8 AUX outputs of RCA interface

● Each input with individual Bass & Treble tone control

● Each channel with signal indicator for input & output

● Aluminum alloy panel, fashionable and elegant design

Model	Mic Inputs	AUX Inputs	EMC Inputs	Outputs	Chime	AUX Input Sensitivity	AUX Freq. Response	AUX Output Level	Dimension	Net Weight
MP9811P	5	3	2	2	——	250mV/10kΩ	20Hz-18kHz	1000mV (0dBV)	484x365x88mm	6.2kg
PC1011P	5	5	2	2	v	250mV/10kΩ	20Hz-25kHz	1000mV (0dBV)	484x349.5x88mm	6.7 kg
ADR25	0	8	0	8	——	250mV/10kΩ	20Hz-30kHz	1000mV (0dBV)	480x375x88mm	5.8kg

MP6425/MP6438/MP6450
MP64 Series Power Amplifier with DC 24V

Features:

● 70V/100V & 4-16Ω optional speaker output

● XLR and 6.3mm jack AUX output for convenient linkage

● Support priority of AUX input and 70V input

● Automatic temperature controlled fan cooling system

● Industrial design for audio project, long term & stable use

● Protection from overheat, overload, clip & short circuit

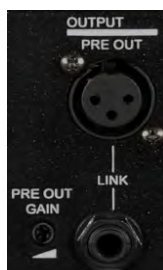● Power supply: AC 220V/50Hz/60Hz & DC 24V

DC 24V Power Supply | 70V Input for Audio Source | Speaker Output of 4 , 70V/100V

Line Output with Gain Control | Line Input with Priority of XLR & 6.3mm socket | Line Input of XLR sockets

Model	RMS Power	THD	SNR	Freq. Responsee	Speaker Output	Dimension	Net Weight
MP6425	250W	<0.5%	>90dB	80Hz-16kHz	70V/100V & 4-16Ω	483x390x88mm	16.0kg
MP6438	380W	<0.5%	>90dB	80Hz-16kHz	70V/100V & 4-16Ω	483x390x88mm	18.3kg
MP6450	500W	<0.5%	>90dB	80Hz-16kHz	70V/100V & 4-16Ω	483x390x88mm	19.5kg

MP1500/MP2000/MP2500/MP3000/MP3500/MP4000
MP98 Series Power Amplifier

Features:

● 70V & 4-16Ω optional speaker output (MP4000:200V)

● Rated power: 350W/450W/650W/1000W/1500W/2000W

● XLR and 6.3mm jack AUX output for convenient linkage

● 5 LED indicator for clear status display

● Built-in automatic temperature controlled fan cooling system

● Industrial design for audio project, long term & stable use

● Reliable protection from overheat, overload, clip & short circuit

Model	RMS Power	THD	SNR	Freq. Responsee	Speaker Output	Dimension	Net Weight
MP1500	350W	<0.3%	>90dB	50Hz-15kHz	70V/100V & 4-16Ω	483x380x88mm	14.5kg
MP2000	450W	<0.3%	>90dB	50Hz-15kHz	70V/100V & 4-16Ω	483x380x88mm	17.0kg
MP2500	650W	<0.3%	>90dB	50Hz-15kHz	70V/100V & 4-16Ω	483x380x88mm	18.0kg
MP3000	1000W	<0.5%	>90dB	80Hz-15kHz	70V/100V & 4-16Ω	482x480x132mm	30.0kg
MP3500	1500W	<0.5%	>90dB	80Hz-15kHz	70V/100V & 4-16Ω	482x480x132mm	35.0kg
MP4000	2000W	<0.5%	>90dB	80Hz-15kHz	100V/200V & 4-16Ω	482x480x132mm	39.0kg

PC1700/PC2200/PC2700/PC3200/PC3700/PC4200
PC10 Series Power Amplifier with DC 24V

Features:

● 70V & 4-16Ω optional speaker output (PC4200:200V)

● Rated power: 350W/450W/650W/1000W/1500W/2000W

● XLR socket and 6.3mm jack AUX output for convenient linkage

● LCD screen display for clear status indication

● Built-in automatic temperature controlled fan cooling system

● Industrial design for audio project, long term & stable use

● Reliable protection from overheat, overload, clip & short circuit

● Supports computer remote control by PC10 System

Model	RMS Power	THD	SNR	Freq. Responsee	Speaker Output	DC 24V	Dimension	Net Weight
PC1700	350W	<0.5%	>85dB	100Hz-20kHz	70V/100V & 4-16Ω	v	484x403x88mm	18.3kg
PC2200	450W	<0.5%	>85dB	100Hz-20kHz	70V/100V & 4-16Ω	v	484x403x88mm	20.6kg
PC2700	650W	<0.5%	>85dB	100Hz-20kHz	70V/100V & 4-16Ω	v	484x403x88mm	22.5kg
PC3200	1000W	<0.5%	>85dB	80Hz-15kHz	70V/100V & 4-16Ω	x	500x430x132mm	33.2kg
PC3700	1500W	<0.5%	>85dB	80Hz-15kHz	70V/100V & 4-16Ω	x	500x430x132mm	36.3kg
PC4200	2000W	<0.5%	>85dB	80Hz-15kHz	100V/200V & 4-16Ω	x	500x430x132mm	38.0kg

MAG1306M /MAG1312M /MAG1325M /MAG1335M
Dual Channel Power Amplifier

Features:

● Dual channel with individual volume & tone control

● 70V/100V/200V convertable speaker output

● Audio input for each channel of 6.3mm and XLR

● Built-in short-circuit EMC input for each channel

● With forced insertion for volume controller connection

● With individual 4 LED status indicators for each channel

● Protection from overheat, overload, clip & short circuit

| Model	RMS Power	THD	SNR	Freq. Responsee	Speaker Output	Dimension	Net Weight
MAG1306M	2x60W	<0.5%	>90dB	80Hz-15kHz	70V/100V/200V	483x443x88mm	15.6kg
MAG1312M	2x120W	<0.5%	>90dB	80Hz-15kHz	70V/100V/200V	483x443x88mm	18.0kg
MAG1325M	2x250W	<0.5%	>90dB	80Hz-15kHz	70V/100V/200V	483x443x88mm	22.0kg
MAG1335M	2x350W	<0.5%	>90dB	80Hz-15kHz	70V/100V/200V	483x443x88mm	24.2kg

DSP5011/DSP5011L/DSP5211/DSP5211C
Frameless Ceiling Speaker Series

DSP5011
6W 6.5" Frameless Ceiling Speaker
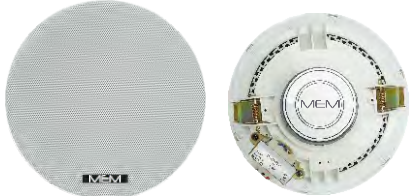
DSP5011

DSP5011L
6W 6.5" Frameless Ceiling Speaker（8Ω）

DSP5011L

DSP5211
10W 6.5" Coaxial Frameless Ceiling Speaker

DSP5211

DSP5211C
10W Coaxial Frameless Ceiling Speaker with Cover

DSP5211C
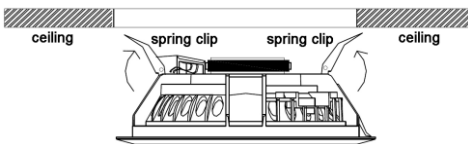
Installation of Spring Clip Type
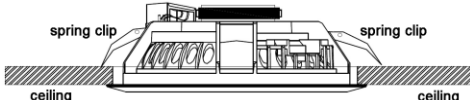
DSP5012
35W 8" Coaxial Ceiling Speaker

DSP5012
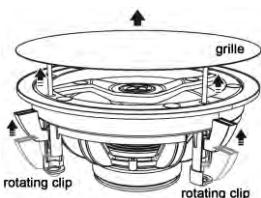
DSP5012C
35W 8" Coaxial Ceiling Speaker with Cover

DSP5012C
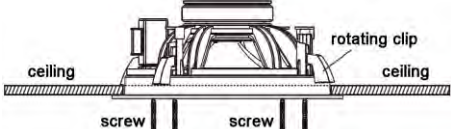
Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Installation	Dimension	Net Weight
DSP5011	6W	2.5W-5W	6W-10W	6.5"	101±2dB	90±2dB	110Hz-15KHz	Aluminum Grille	Spring Clip	Φ190.5x70mm	0.68kg
DSP5011L	6W	2.5W-5W	6W-10W	6.5"	97±2dB	90±2dB	110Hz-15KHz	Aluminum Grille	Spring Clip	Φ190.5x70mm	0.6kg
DSP5211	10W	——	2.5W-5W-10W	6.5"x1, 0.75"x1	103±2dB	93±2dB	90Hz-18KHz	Aluminum Grille	Spring Clip	Φ190.5x80mm	1.0kg
DSP5211C	10W	——	2.5W-5W-10W	6.5"x1, 0.75"x1	103±2dB	93±2dB	90Hz-18KHz	Aluminum, ABS	Spring Clip	Φ190.5x105mm	1.1kg
DSP5012	35W	5W-10W-15W	10W-15W-35W	8"x1, 0.75"x1	108±2dB	93±2dB	65Hz-18KHz	Aluminum Grille	Screw Clip	Φ255x107mm	1.5kg
DSP5012C	35W	5W-10W-15W	10W-15W-35W	8"x1, 0.75"x1	108±2dB	93±2dB	65Hz-18KHz	Aluminum, ABS	Screw Clip	Φ255x107mm	1.65kg

DSP5311
6.5" Surface Mount Frameless Ceiling Speaker

Features:
● Surface mount design ceiling speaker

● Detachable speaker dome for easy intallation

● Aluminum grille, anti-rust for long term use
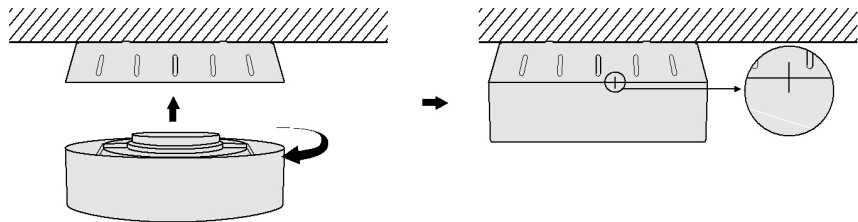
Installation of Surface Mount Type

DSP602EN
6.5" Fireproof Ceiling Speaker

Features:
● Complied with EN54-24 requirements

● Fireproof plastic speaker dome

● Ceramic connection port for speaker cable

● Equipped with thermal fuse for protection
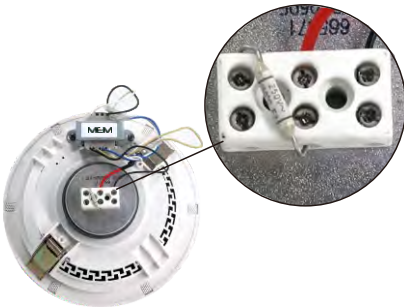
Ceramic terminal & thermal fuse

Fireproof plastic speaker dome

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Installation	Dimension	Net Weight
DSP5311	6W	2.5W-5W	6W-10W	6.5"	97±2dB	90±2dB	110Hz-15KHz	Aluminum, ABS	Surface Mount	203.5×203.5×94mm	1.04kg
DSP602EN	6W	2.5W-5W	6W-10W	6.5"	99±2dB	91±2dB	90Hz-18KHz	Aluminum, Plastic	Spring Clip	Φ190x102mm	1.0kg

DSP501/DSP502/DSP502N/DSP503
Round Type 4.5" Ceiling Speaker
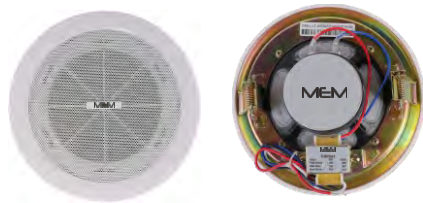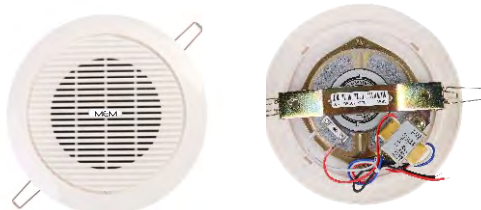
DSP501

DSP502

DSP502N

DSP503

DSP551/DSP553
Square Type 4.5" Ceiling Speaker
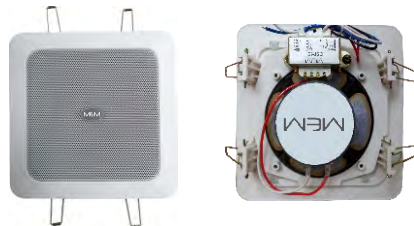
DSP551

DSP553

DSP802/DSP803
6.5" Ceiling Speaker

DSP802

DSP803

DSP504
Surface Mount Speaker

DSP504

DSP531
Neodymium Magnet Ceiling Speaker
(Waterproof Design/Customized)

DSP531W   DSP531B

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Installation	Dimension	Net Weight
DSP501	6W	1.5W-3W-5W	3W-6W	4.5"	96±2dB	91±2dB	75Hz-20kHz	Aluminum Grille	Spring Clip	Φ180x80mm	0.8kg
DSP502	6W	1.5W-3W-5W	3W-6W-10W	4.5"	97±2dB	91±2dB	100Hz-16kHz	Aluminum Grille	Spring Clip	Φ200x80mm	0.8kg
DSP502N	6W	1.5W-3W-5W	3W-6W-10W	4.5"	97±2dB	91±2dB	100Hz-16kHz	Aluminum Grille	Spring Clip	Φ200x80mm	0.8kg
DSP503	6W	1.5W-3W-5W	3W-6W-10W	4.5"	96±2dB	91±2dB	60Hz-20kHz	Aluminum Grille	Spring Clip	Φ175x75mm	0.9kg
DSP551	6W	1.5W-3W-5W	3W-6W-10W	4.5"	95±2dB	90±2dB	100Hz-16kHz	Aluminum Grille	Spring Clip	175x175x70mm	0.8kg
DSP553	6W	1.5W-3W-5W	3W-6W-10W	4.5"	100±2dB	90±2dB	100Hz-18kHz	Aluminum Grille	Spring Clip	221x150x85mm	1.2kg

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Installation	Dimension	Net Weight
DSP802	10W	1.5W-3W-5W	3W-6W-10W	6.5"	97±2dB	92±2dB	70Hz-18kHz	Aluminum Grille	Spring Clip	Φ210x82mm	1.0kg
DSP803	10W	1.5W-3W-5W	3W-6W-10W	6.5"	100±2dB	92±2dB	45Hz-18kHz	Aluminum Grille	Spring Clip	Φ210x78mm	1.1kg
DSP504	6W	1.5W-3W-5W	3W-6W-10W	4.5"	97±2dB	91±2dB	300Hz-14kHz	Aluminum, ABS	Surface Mount	Φ180x68mm	0.8kg
DSP531	10W	1.5W-3W-5W	3W-6W-10W	3.0"	104±2dB	91±2dB	80Hz-20kHz	Aluminum, ABS	Spring Clip	Φ121x102mm	0.4kg

DSP703/DSP804
Coaxial Ceiling Speaker

DSP703

DSP804
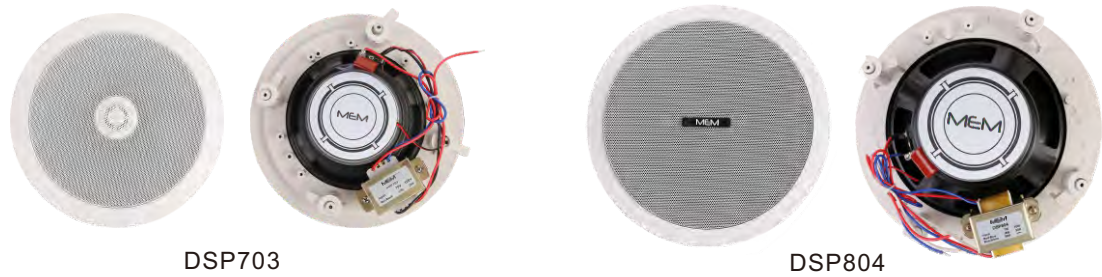
DSP915/DSP916/DSP918
Coaxial Ceiling Speaker with Power Tap

DSP915   DSP916   DSP918

OFF 5W 10W 20W 8Ω
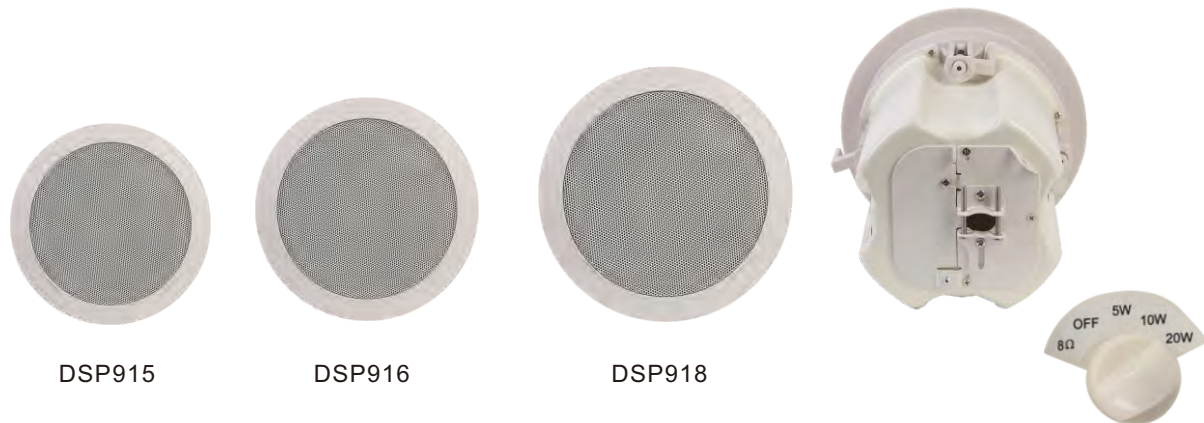
DSP159
Hi-Fi Coaxial Ceiling Speaker with Power Tap

OFF 5W 10W 20W 8Ω

DSP159

DSP505/DSP602/DSP662/DSP901/DSP904
Ceiling Speaker with Fire Dome

DSP505

DSP602

DSP662

DSP901

DSP904

DSP922/DSP922G
Two-way Steel Ceiling Speaker with Fire Dome

DSP922   DSP922G

Model	RMS Power	70V	100V	8Ω	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Installation	Dimension	Net Weight
DSP703	20W	10W	20W		6.5"x1, 1"x1	101±2dB	88±2dB	60Hz-18kHz	Aluminum Grille	Screw Clip	Φ228x95mm	1.8kg
DSP804	30W	15W-30W	30W	——	8"x1, 1"x1	107±2dB	92±2dB	50Hz-20kHz	Aluminum Grille	Screw Clip	Φ273x130mm	3.2kg
DSP915	20W	2.5W-5W-10W	5W-10W-20W	20W	5"x1, 1"x1	103±2dB	90±2dB	60Hz-20kHz	Iron with Paint	Screw Clip	Φ196x223mm	2.9kg
DSP916	40W	5W-10W-20W	10W-20W-40W	40W	6.5"x1, 1"x1	107±2dB	91±2dB	50Hz-20kHz	Iron with Paint	Screw Clip	Φ231x241mm	4.2kg
DSP918	60W	8W-15W-30W	15W-30W-60W	60W	8"x1, 1"x1	110±2dB	92±2dB	45Hz-20kHz	Iron with Paint	Screw Clip	Φ273x270mm	5.7kg
DSP159	30W	1.9-7.5W-30W	3.8W-15W-30W	30W	6.5"x1, 2.5"x1	111±2dB	96±2dB	100Hz-20kHz	Aluminum, Iron	Screw Clip	Φ261x230mm	4.0kg

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Installation	Dimension	Net Weight
DSP505	6W	1.5W-3W-5W	3W-6W	4.5"	96±2dB	91±2dB	100Hz-16kHz	Aluminum, Iron	Spring Clip	Φ180x100mm	1.2kg
DSP602	6W	2.5W-5W	6W-10W	6.5"	101±2dB	90±2dB	110Hz-15kHz	Aluminum, Plastic	Spring Clip	Φ191x105mm	0.9kg
DSP662	6W	——	1W-2W-3W-6W	6.5"	97±2dB	91±2dB	80Hz-20kHz	Iron	Spring Clip	Φ200x104mm	1.0kg
DSP901	6W	1.5W-3W-5W	3W-6W	4.5"	96±2dB	91±2dB	100Hz-16kHz	Aluminum, Iron	Spring Clip	Φ168x110mm	1.2kg
DSP904	10W	1.5W-3W-5W	3W-6W-10W	6.5"	100±2dB	92±2dB	200Hz-14kHz	Aluminum, Iron	Spring Clip	Φ210x108mm	1.6kg
DSP922	15W	4W-8W	8W-15W	4.5"x1, 2.5"x1	97±2dB	88±2dB	130Hz-20kHz	Steel, Iron	Spring Clip	Φ220x108mm	2.0kg
DSP922G	15W	4W-8W	8W-15W	4.5"x1, 2.5"x1	97±2dB	88±2dB	130Hz-20kHz	Steel, Iron	Spring Clip	Φ220x108mm	2.0kg

DSP8062/DSP8063/DSP8064
Wall Mount Speaker with Power Tap

Features:

● Support both 70V/100V & 8Ω inputs for different uses

● Aluminum grille plus ABS housing, suitable for long time use

● Powered by woofer and 1" tweeter, ensure wonderful sound effect

● Unique fashionable design, black & white colors available

● Wall mount kits included for convenient installation
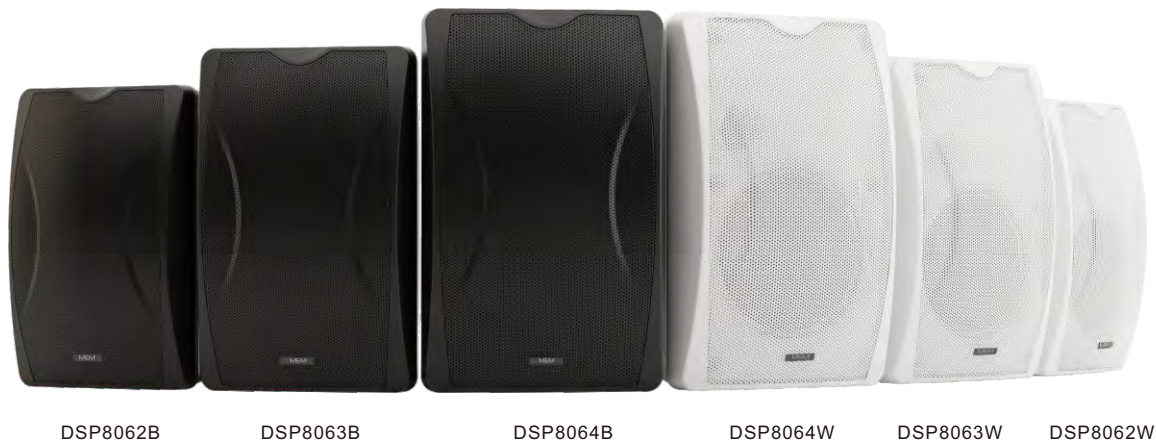
DSP106M/DSP116/DSP406/DSP506/DSP507
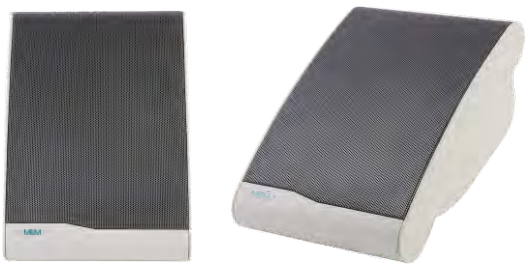
DSP106M

DSP116

DSP406II

DSP506 (Piano Black Finish)

DSP507

DSP8062B　　DSP8063B　　DSP8064B　　DSP8064W　　DSP8063W　　DSP8062W

Tweeter

Phase Reversal Hole

Power Tap

Woofer

Model	RMS Power	70V	100V	8Ω	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP8062	20W	2-4-8-15-20W	4-8-15-20W	20W	4"x1, 1"x1	103±2dB	89±2dB	100Hz-20KHz	Aluminum, ABS	255x176x170mm	2.64kg
DSP8063	30W	2.5-5-8-15-30W	5-8-15-30W	30W	5"x1, 1"x1	104±2dB	90±2dB	80Hz-20KHz	Aluminum, ABS	280x194x185mm	3.2kg
DSP8064	40W	2.5-5-10-20-40W	5-10-20-40W	40W	6.5"x1, 1"x1	106±2dB	91±2dB	65Hz-20KHz	Aluminum, ABS	310x215x203mm	4.6kg

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP106M	10W	1.5W-3W-5W	3W-6W-10W	6.5"x1, 2.5"x1	100±2dB	92±2dB	160Hz-18kHz	Aluminum, ABS	183x157x117mm	1.75kg
DSP116	6W	1.5W-3W-5W	3W-6W-10W	4.5"	96±2dB	91±2dB	180Hz-14kHz	ABS	87x228x173mm	0.8kg
DSP406M	10W	5W	10W	4.5"	99±2dB	91±2dB	80Hz-18kHz	Beaverboard	205x302x115mm	2.25kg
DSP506	20W	10W	20W	4.0"x2, 2.5"x2	102±2dB	89±2dB	90Hz-20kHz	Wood	360x185x405mm	6.5kg
DSP507	2W	0.5W-1W	1W-2W	3"	89±2dB	86±2dB	250Hz-9kHz	ABS	120x120x60mm	0.4kg

DSP218

Two-way Wall Mount Speaker with Power Tap & 360° Design

Features:

● Support both 70V & 4Ω inputs for different uses

● Aluminum grille plus ABS housing, suitable for long time use

● Powered by 4" woofer and 1" tweeter, ensure wonderful sound effect

● Unique 360 all direction design, black & white colors available

● Wall mount & pendent kits available for convenient installation

Tweeter

Woofer

Model	RMS Power	70V	4Ω	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP218	40W	5-10-20-40W	40W	4"x2, 1"x1	104±2dB	88±2dB	100Hz-20kHz	Aluminum, ABS	——	3.3kg

DSP416

Two-way Wall Mount Speaker with 360° All Direction Design

Features:

● Built-in 70V/100V transformer for high impedance inputs

● Aluminum grille plus ABS housing, suitable for long time use

● Powered by 6.5" woofer and 1" tweeter, ensure wonderful sound effect

● Unique 360 all direction design, black & white colors available

● Wall mount & pendent kits available for convenient installation

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP416	40W	13W-25W	25W	6.5"x1, 1"x1	104±2dB	90±2dB	60Hz-20kHz	Aluminum, ABS	335x160x236mm	3.2kg

DSP255M

Waterproof Column Speaker

Features:

- Waterproof design with waterproof driver units
- Rated power: 30W powerful output
- Two 3" woofer plus one 1" tweeter, excellent sound effect
- Aluminum housing, durable and stainless
- Compact and elegant design, cost and space saving
- Equipped with brackets for convenient installing

DSP455M

Waterproof Column Speaker

Features:

- Waterproof design with waterproof driver units
- Rated power: 60W powerful output
- Four 3" woofer plus one 1" tweeter, excellent sound effect
- Aluminum housing, durable and stainless
- Compact and elegant design, cost and space saving
- Equipped with brackets for convenient installing

Waterproof connector

Power tap

3" woofer

1" tweeter

High quality driver units

Waterproof Connector

Convenient Installation

Model	RMS Power	70V	100V	8Ω)	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP255M	30W	2.5-5-8-15W	5-8-15-30W	30W	3"x2, 1"x1	109±2dB	91±2dB	95Hz-20kHz	Aluminum	109x102x376mm	9.0kg
DSP455M	60W	5-8-15-30W	8-15-30-60W	60W	3"x4, 1"x1	114±2dB	93±2dB	90Hz-20kHz	Aluminum	109x102x606mm	13.0kg

Indoor Column Speaker

DSP203M

DSP403M

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP203M	15W	8W-15W	15W	4"x2	99±2dB	90±2dB	140Hz-12kHz	Beaverboard	138x120x390mm	6.6kg
DSP403M	30W	15W-30W	30W	4"x4	108±2dB	94±2dB	140Hz-12kHz	Beaverboard	138x120x682mm	10.6kg

Indoor Column Speaker

DSP223M

DSP224M

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP223M	8W	4W-8W	8W	6.5"x1, 3"x1	97±2dB	88±2dB	120Hz-16kHz	Beaverboard	200x125x340mm	3.0kg
DSP224M	16W	8W-16W	16W	6.5"x2, 3"x1	103±2dB	91±2dB	100Hz-16kHz	Beaverboard	200x125x510mm	4.4kg

Waterproof Column Speaker

DSP255

DSP455

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP255	15W	4W-8W	8W-15W	3"x5"x2, 2.5"x1	97±2dB	88±2dB	140Hz-14kHz	Aluminum	112x112x400mm	2.2kg
DSP455	30W	8W-15W	15W-30W	3"x5"x4, 2.5"x2	101±2dB	90±2dB	140Hz-14kHz	Aluminum	112x112x730mm	3.8kg

Waterproof Column Speaker

DSP205   DSP405

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP205	20W	10W-20W-40W	20W-40W	4"x2, 2.5"x1	102±2dB	89±2dB	140Hz-14kHz	Aluminum	120x160x400mm	3.5kg
DSP405	40W	20W-40W-80W	40W-80W	4"x4, 2.5"x1	109±2dB	93±2dB	140Hz-14kHz	Aluminum	120x160x610mm	5.5kg

Dual-face Waterproof Column Speaker

Dual-face speaker outputs

Front   Rear   DSP188   DSP288   DSP388

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP188	30W	8W-15W	15W-30W	4"x2, 2.5"x2	99±2dB	87±2dB	140Hz-14kHz	Aluminum	160x250x310mm	3.0kg
DSP288	60W	15W-30W	30W-60W	4"x4, 2.5"x2	102±2dB	89±2dB	140Hz-14kHz	Aluminum	160x250x410mm	5.5kg
DSP388	90W	23W-45W	45W-90W	4"x6, 2.5"x2	103±2dB	91±2dB	140Hz-14kHz	Aluminum	160x250x310mm	8.0kg

Waterproof Column Speaker

DSP8114W   DSP8116W   DSP8114B   DSP8116B

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP8114	60W	30W-60W	60W	6.5"x2, 1"x1	108±2dB	91±2dB	90Hz-16kHz	Aluminum	181x212x648mm	9.4kg
DSP8116	120W	60W-120W	120W	6.5"x4, 1"x1	115±2dB	94±2dB	90Hz-16kHz	Aluminum	181x212x1023mm	14.3kg

Waterproof Column Speaker

DSP108   DSP208   DSP308   DSP408

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP108	10W	5W-10W-20W	10W-20W	4"x1, 2.5"x1	97±2dB	87±2dB	140Hz-14kHz	Aluminum	125x150x310mm	2.3kg
DSP208	20W	10W-20W-40W	20W-40W	4"x2, 2.5"x1	102±2dB	89±2dB	140Hz-14kHz	Aluminum	125x150x410mm	3.3kg
DSP308	30W	15W-30W-60W	30W-60W	4"x3, 2.5"x1	106±2dB	91±2dB	140Hz-14kHz	Aluminum	125x150x500mm	4.4kg
DSP408	40W	20W-40W-80W	40W-80W	4"x4, 2.5"x1	109±2dB	93±2dB	140Hz-14kHz	Aluminum	125x150x620mm	5.5kg

Waterproof Column Speaker

DSP158   DSP258   DSP358   DSP458

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP158	40W	20W-40W	40W	8"x1, 1"x1	107±2dB	91±2dB	80Hz-16kHz	Aluminum	230x250x430mm	8.5kg
DSP258	80W	40W-80W	80W	8"x2, 1"x1	111±2dB	92±2dB	80Hz-16kHz	Aluminum	230x250x665mm	13.0kg
DSP358	120W	60W-120W	120W	8"x3, 1"x1	114±2dB	93±2dB	80Hz-16kHz	Aluminum	230x250x905mm	17.0kg
DSP458	160W	80W-160W	160W	8"x4, 1"x2	116±2dB	94±2dB	80Hz-16kHz	Aluminum	230x250x1320mm	23.0kg

Rock Speaker

DSP640   DSP641   DSP642   DSP643

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP640	45W	12W-23W	23W-45W	6.5"x1	102±2dB	88±2dB	80Hz-16kHz	Organic Resin	250x360x420mm	7.0kg
DSP641	20W	5W-10W	10W-20W	5"x1	98±2dB	88±2dB	100Hz-14kHz	Organic Resin	250x320x420mm	4.5kg
DSP642	10W	5W-10W	10W-20W	6.5"x1	98±2dB	88±2dB	80Hz-16kHz	Organic Resin	400x320x400mm	6.3kg
DSP643	20W	10W-20W	20W-40W	6.5"x1	100±2dB	87±2dB	100Hz-15.5kHz	Organic Resin	380x250x320mm	5.0kg

Rock Speaker
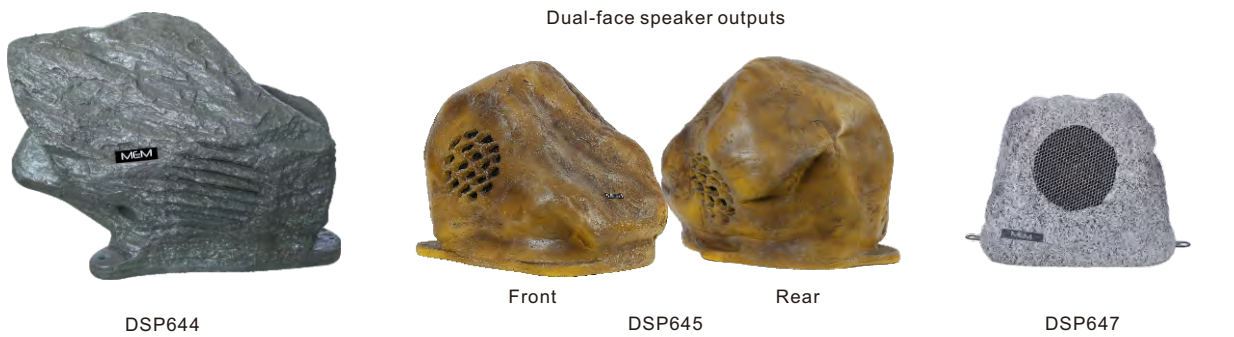
Dual-face speaker outputs

Front   Rear

DSP644   DSP645   DSP647

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP644	30W	15W-30W	30W	8"x1, 2.5"x1	103±2dB	88±2dB	60Hz-14kHz	Organic Resin	250x600x460mm	8.5kg
DSP645	40W	10W-20W	20W-40W	6.5"x2	101±2dB	88±2dB	80Hz-16kHz	Organic Resin	250x460x420mm	8.3kg
DSP647	15	8W-15W	15W-30W	5"x1	98±2dB	86±2dB	150Hz-20kHz	Organic Resin	225x225x270mm	3.6kg

Mushroom Speaker

DSP620   DSP630G

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP620	20W	10W-20W	20W-40W	6.5"x1	101±2dB	91±2dB	150Hz-13kHz	Engineering Plastic	360x360x350mm	4.5kg
DSP630G	30W	8W-15W	15W-30W	4"x6"x2, 3"x2	103±2dB	90±2dB	100Hz-8kHz	Organic Resin	410x410x480mm	9.0kg

Garden Speaker

DSP650   DSP651   DSP653

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP650	60W	10W-30W	30W-60W	8"x1, 3"x1	103±2dB	88±2dB	80Hz-12kHz	Organic Resin	380x380x380mm	10.5kg
DSP651	30W	8W-15W	15W-30W	5"x1	98±2dB	86±2dB	100Hz-12kHz	Organic Resin	300x480x500mm	7.0kg
DSP653	10W	5W-10W	10W-20W	4.5"x1	100±2dB	90±2dB	85Hz-11kHz	Organic Resin	500x600x60mm	4.0kg

Aluminum Garden Speaker   Lamp Shape Garden Speaker with Light

DSP3601   DSP660W

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP3601	23W	12W-23W	23W-45W	6.5"x1, 3"x1	100±2dB	86±2dB	80Hz-10kHz	Aluminum	Φ240x440mm	6.0kg
DSP660W	15W	8W-15W	15W-30W	4"x6"x2, 2.5"x2	100±2dB	90±2dB	100Hz-14kHz	Aluminum	135x195x765mm	6.5kg

DSP162HD/DSP163HD
High Fidelity Horn Speaker

DSP162HD/DSP163HD
High Fidelity Horn Speaker

Horn

Driver

DSP154H/DSP204H/DSP304H
Horn Speaker

DSP154H Horn Speaker

DSP204H
Anti Explosion Horn Speaker

DSP304H Horn Speaker

DSP168HD High Fidelity Horn Speaker

DSP364 Horn Speaker

Model	RMS Power	70V	100V	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP162HD	50W	25W	50W	121±2dB	104±2dB	250Hz-15kHz	Aluminum	500x500x406mm	4.5kg
DSP163HD	25W	13W	25W	117±2dB	103±2dB	200Hz-15kHz	Aluminum	500x500x415mm	3.3kg
DSP154H	15W	2W-4W-8W	4W-8W-15W	117±2dB	105±2dB	400Hz-8kHz	Aluminum	195x195x250mm	1.7kg
DSP204H	30W	15W	30W	118±2dB	105±2dB	400Hz-10kHz	Aluminum	252x252x355mm	7.2kg
DSP304H	30W	2W-4W-8W-15W	4W-8W-15W-30W	120±2dB	105±2dB	400Hz-8kHz	Aluminum	250x250x285mm	2.0kg
DSP168HD	50W	25W	50W	120±2dB	103±2 dB	340Hz-20kHz	ABS	393x403x267mm	6.1kg
DSP364	10W	5W-10W	10W-20W	106±2dB	96±2dB	340Hz-20kHz	ABS	210x170x255mm	2.8kg

DSP1202A
Wall Mount Horn Speaker

DSP1202A

DSP3008A/DSP3012A/DSP3028A
Sound Master Series Huge Horn Speaker

DSP3008A

DSP3012A

DSP3028A

Model	RMS Power	Input Voltage	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP1202A	250W	100V	116±2dB	94±2dB	42Hz-20kHz	Iron, ABS	580x430x310mm	21.0kg
DSP3008A	150W	70V/100V	126±2dB	104±2dB	120Hz-18kHz	Iron, Fiberglass	460x560x650mm	25.0kg
DSP3012A	300W	70V/100V	133±2dB	108±2dB	70Hz-18kHz	Iron, Fiberglass	760x610x1040mm	45.0kg
DSP3028A	1000W	160V	140±2dB	110±2dB	100Hz-16kHz	Iron, Fiberglass	690x690x900mm	73.8kg

DSP107/DSP207

DSP207
Wall Mount Sound Projector

DSP107
Pendant Type Sound Projector

Model	RMS Power	70V	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP107	30W	8W-15W	15W-30W	6"x1, 1"x1	102±2dB	91±2dB	110Hz-18kHz	ABS	Φ230x195mm	2.0kg
DSP207	30W	8W-15W	15W-30W	6"x1, 1"x1	102±2dB	91±2dB	90Hz-18kHz	ABS	Φ175x270mm	2.0kg

LA1512S (Waterproof)

LA1512S

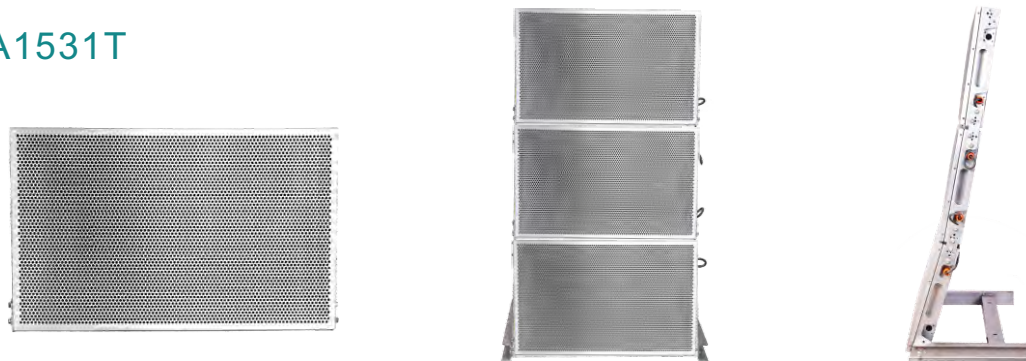| Model	RMS Power	Speaker Input	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
LA1512S	200W	100V/8Ω	128±2dB	99±2dB	70Hz-20kHz	ABS	406x342x544mm	15.0kg

LA1511B/LA1511S (Waterproof)

LA1511B
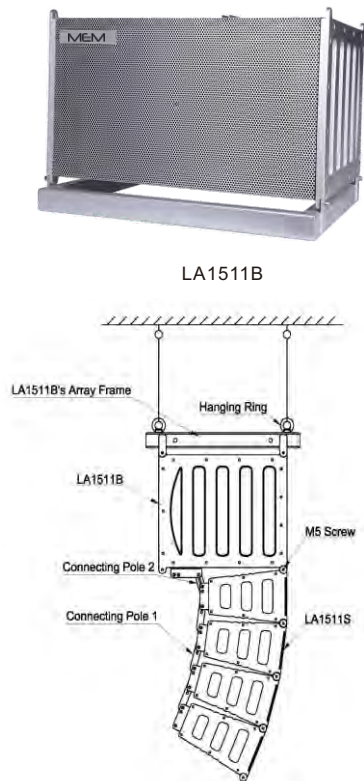
LA1511S

Installation of LA1511B & LA1511S

Model	RMS Power	Speaker Input	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
LA1511B	300W	4Ω	116±2dB	91±2dB	40Hz-250Hz	Aluminum	490x350x287mm	28.2kg
LA1511S	300W	100V	122±2dB	97±2dB	100Hz-40kHz	Aluminum	490x228x580mm	33.5kg

LA1531T

LA1531T

Combination of 3 units

Model	RMS Power	Speaker Input	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
LA1531T	400W	16Ω	130±2dB	104±2dB	100Hz-18kHz	Aluminum	430x720x90mm	30kg

DSP40I/DSP40IL
40W Invisible Speaker

Features:

● Rare earth permanent magnetic speaker, assures high quality sound

● Rated at 40 Watts output, 70V/100V/8Ω speaker input available

● Vibrational panel technology making it invisible after furnishing

● CE & UL certificated, safe for domestic and commercial use

DSP40I/DSP40IL

Installation Steps

Step 1	Step 2	Step 3	Step 4	Step 5
Dig a hole of the size of DSP40I	Install the base of DSP40I	Install speaker make it smooth	Fill the holes and seams with putty	Paint any color to make it invisible

Luxurious Back Ground Music Solution
Invisible Speaker DSP40I

Model	RMS Power	Speaker Input	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP40I	40W	70V/100V	103±2dB	87±2dB	100Hz-20 kHz	Iron, Plastic	300×400×52mm	1.7kg
DSP40IL	40W	8Ω	103±2dB	87±2dB	100Hz-20 kHz	Iron, Plastic	300×400×52mm	1.2kg

Digital Column Speaker

Adjustable sound beams

DSP1501/DSP1502

Digital Column Speaker with Display Screen
DSP1501/DSP1502:100W/150W

DSP3025/DSP3036

Waterproof Digital Column Speaker
DSP3025/DSP3036: 240W/360W

Remote Controller

Features:

● Active line array speaker with built-in amplifier

● Sound directivity adjustable with remote control

● Disperse angle: Horizontal >120, Vertical<50

● Support both AUX input and 70V/100V input

● Built-in DSP sound processor, assure excellent sound effect

● Elegant design, suitable for airport & church, etc.

● High sensitivity, high SPL, 100W/150W/240W/360W available

Model	RMS Power	Max SPL	Sensitivity	Freq. Response	Waterproof	Dimension	Net Weight
DSP1501	100W	118±2dB	98±2dB	80Hz-20kHz	x	1365×132.5×145.5mm	16.5kg
DSP1502	150W	98±2dB	120±2dB	80Hz-20kHz	x	1595×153×155mm	22.0kg
DSP3025	240W	92±2dB	116±2dB	20Hz-20kHz	v	170×165×1304mm	18.5kg
DSP3036	360W	94±2dB	120±2dB	20Hz-20kHz	v	170×165×1840mm	25.0kg

DSP2802
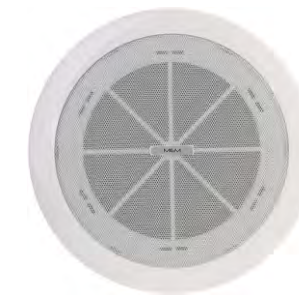
Features:

● Fireproof & dust-proof active ceiling speaker

● Built-in 8W amplifier, volume adjustable via volume controller

● Equipped with spring clip for easy installation

Model	RMS Power	Input Impedance	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP2802	8W	10KΩ	6.5"x1	97±2dB	92±2dB	200Hz-14kHz	Aluminum, Iron	Φ210x110mm	1.5kg

DSP205R
Active Waterproof Column Speaker

Features:

● Waterproof active column speaker

● Built-in 1M memory for audio source

● Aluminum grille and housing, stainless & durable

DSP205R

Model	RMS Power	Input Impedance	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP205R	20W	10KΩ	4.5"x2	102±2dB	89±2dB	140Hz-14kHz	Aluminum	120x160x400mm	3.95kg

FP-808

Features:

● Target stereo audio in a narrow footprint

● Be able to accommodate 1 to 3 listeners at a time

● Built-in infrared sensor for listeners

● Built-in high efficient stereo amplifier

● Auto switch between Focus mode and Normal mode

● Multimedia functions of video/photos/text available

Model	RMS Power	Input Impedance	SNR	THD	Sensitivity	Freq. Response	Dimension	Net Weight
FP-808	3W	20KΩ	≥70dB	<0.2	80±2dB	300Hz-20kHz	Φ730x320mm	5kg

Teach Voice Enhancement System
Bluetooth Speaker + Wireless Microphone
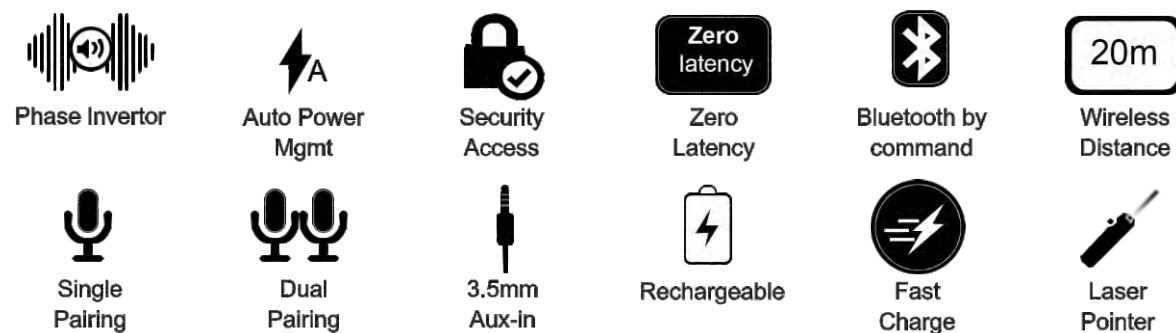
Classroom

DSP5505R   DSP5505R

Features:

● Developed DSP technology avoiding interference

● Integrated with Bluetooth input, 2.4G input and AUX input

● Two operation modes available:
Installed Mode: pedant on the ceiling with direct AC power
Portable Mode: use built-in battery, 5-8 hours working time

● All operation integrated in the wireless Mic for easy & convenient use

Small Conference

● Built-in laser pointer function and PPT control function

● Three sides speakers ensure a sonorous and comfortable sound effect

Phase Invertor | Auto Power Mgmt | Security Access | Zero Latency | Bluetooth by command | 20m Wireless Distance

Single Pairing | Dual Pairing | 3.5mm Aux-in | Rechargeable | Fast Charge | Laser Pointer

What is new?

1. All operation is integrated in the wireless microphone DSP5505C, such the user can control the system conveniently and avoid interference by other wireless system. such as switching on and off the speaker/Bluetooth connection/Mute, etc.

2. The wireless microphone can destct the nearest speaker DSP5505R precisely.

3, Two solutions available:
one DSP5505R with one DSP5505C, one DSP5505R with two DSP5505C

Model	RMS Power	Driver Units	SNR	Pairing Distance	Charge Time	Usage Time	Material	Dimension	Net Weight
DSP505R	20W	1x6.35mm, 2x5.59mm	90dB	3~5 m	2 hrs	4~5 hrs	Metal Grille, ABS Housing	118x118x145mm	1.0kg
DSP505C	——	——	——	3~5 m	0.5~1 hrs	8~10 hrs	ABS Housing	Φ22x130mm	0.03kg

Installed Teach Audio System
Active Wall Mount Speaker + Wireless Microphone

Active Speaker   Passive Speaker

Network Decoder

DSP6626C
Wireless Microphone

Main Control Room

Network PA System Host

DSP6606R/DSP6608R
Multimedia Lecturing Wall Mount Speaker

Features:

● Rated Power: 2x30W/2x40W

● Built-in high efficiency digital amplifier module

● Inputs: AUX, Mic, Bluetooth, priority AUX & 100V

● Built-in 2 tones control: Bass & Treble

● Built-in wireless micropone receiver

Wireless Mic   Microphone Charger   External Pairing Module
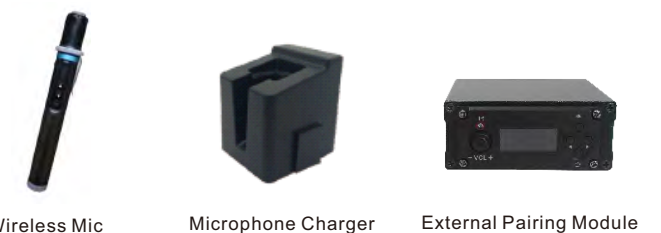
DSP6626C
Wireless Microphone with PPT control

Features:

● Built-in 2 tones control of Bass & Treble

● Long working distance: up to 60m

System Features:

● Can be controlled by analog or Network PA System

● Built-in digital mixer amplifier of 2x30W/2x40W

● Support AUX priority input and 100V priority input

● Multiple audio inputs: AUX, Microphone, Bluetooth

Model	RMS Power	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP6606R	2x30W	5"x1, 1"x1	105±2dB	90±2dB	20Hz-20KHz	Aluminum, ABS	280x194x185mm	3.2kg
DSP6608R	2x40W	6.5"x1, 1"x1	106±2dB	90±2dB	20Hz-20KHz	Aluminum, ABS	310x215x203mm	4.6kg

Installed Teach Audio System
Active Wall Mount Speaker+Wireless Receiver+Wireless Microphone

Active Speaker   Passive Speaker

DSP6626C
Wireless Microphone

DSP6604/DSP6606/DSP6608
Multimedia Lecturing Wall Mount Speaker

Features:

● Rated Power: 2x20W/2x30W/2x40W

● Built-in high efficiency digital amplifier module

● Inputs: AUX, Mic, Bluetooth, priority AUX and 100V

● Built-in 2 tones control of Bass & Treble

DSP6618A
Wireless Receiver

System Features:

● Can be controlled by analog or Network PA System

● Built-in digital mixer amplifier of 2x30W/2x40W

● Support AUX priority input and 100V priority input

● Multiple audio inputs: AUX, Microphone, Bluetooth

Analog PA System

Model	RMS Power	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Dimension	Net Weight
DSP6604	2x20W	4"x1, 1"x1	103±2dB	90±2dB	95Hz-20kHz	Aluminum, ABS	255x176x170mm	2.8kg
DSP6606	2x30W	5"x1, 1"x1	105±2dB	90±2dB	80Hz-20kHz	Aluminum, ABS	280x194x185mm	3.2kg
DSP6608	2x40W	6.5"x1, 1"x1	105±2dB	90±2dB	65Hz-20kHz	Aluminum, ABS	310x215x203mm	4.6kg

Installed Teach Audio System
Wireless Lecturing Microphone System

DSP6616A
UHF Wireless Microphone System

Features:

● UHF wireless Mic receiver

● Infrared automatic frequency matching

● 200 Mic working without interrupting each other

DSP6626A/DSP6626B
UHF Pocket Type Wireless Transmitter
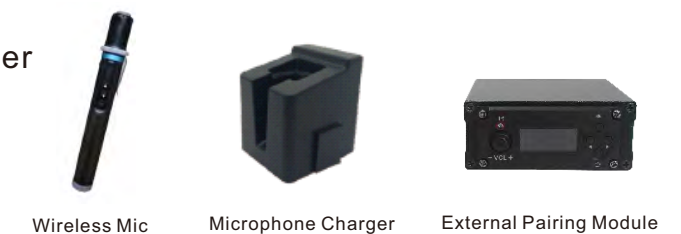
DSP6626A   DSP6626B

Features:

● UHF wireless Mic transmitter

● Infrared automatic frequency matching

● Convenient to carry, easy to operate

DSP6626C
UHF Pencil Type Wireless Transmitter

Features:

● UHF wireless Mic transmitter

● Infrared automatic frequency matching

● With Powerpoint control function and laser pointer

Wireless Mic   Microphone Charger   External Pairing Module

DSP6618A
UHF Wireless Microphone System

Features:

● UHF wireless Mic receiver

● Support 2.4G and infrared automatic frequency matching

● 200 Mic working without interrupting each other

DSP6628A
2.4G Pencil Type Wireless Transmitter

Features:

● UHF Pencil Type Wireless Transmitter

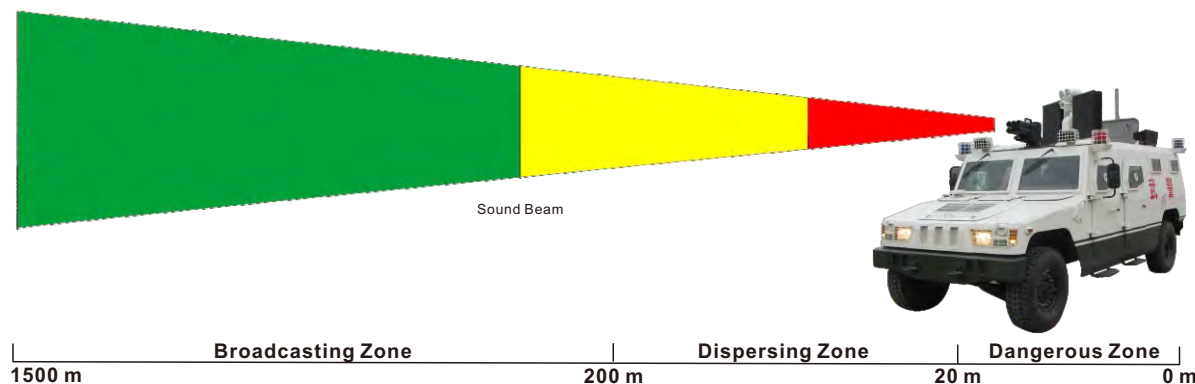● 2.4G automatic frequency matching

● Working distance up to 60m

Military Acoustic Hailing Speaker

Features:

● 150dB Max SPL

● Long range: 1500m

● High STIPA: 0.85@100m

● Narrow acoustic beam horizontal 10°x vertical 15°

Sound Beam

Broadcasting Zone   Dispersing Zone   Dangerous Zone
1500 m   200 m   20 m   0 m

MD-50
Acoustic Hailing System Main Speaker

● Rated Power: 1000W

● Max SPL: 150dB

● High STIPA: 0.85 @ 100m

● Sound beam: horizontal 10°x vertical 15°

● All-weather outdoor design

WJ-12/WJ-20/WJ-25
Acoustic Hailing System Auxiliary Speaker

● Rated Power: 200W/200W/400W

● Max SPL: 134dB/116dB/138dB

● All-weather outdoor design

MP2515/MP2530
Two Channel Digital Power Amplifier
Features:

● Digital amplifier module, high efficiency and stable

● AB channel speaker output, support bridge connection

● Rate power: 2x790W/2x1600W (4Ω)

● 1 U compact design, space saving

● Military quality, industrial PCB for reliable running

MD-32
Military Acoustic Hailing System Host
Features:

● 4.3" touch screen for friendly control

● 3 modes optional: Music, Speech and Hailing

● 1 EMC Mic, 1 Driver's Mic, 1 Sub-driver's Mic, 1 Wireless Mic

● 3 audio inputs of RCA jack

● Built-in USB/Bluetooth/FM for audio source

● Built-in 1 G memory, support 32G USB

● Support voice recording function

● Built-in 1 siren signal and 1 hailing signal

● 1 GSM cellphone voice input, support auto answering

● Support message TTS auto play（Text to Speech）

Model	RMS Power	Input Impedance	Max SPL	Sensitivity	Freq. Response	STIPA	Disperse Angle	Dimension	Net Weight
WJ-50	1000W	5Ω	150dB	118dB	500Hz-5kHz	0.85@1000m	horizontal 10°x vertical 15°	600 ×670×190mm	67.0kg
WJ-25	400W	8Ω	138dB	112dB	500Hz-5kHz	0.7@100m	horizontal 60°x vertical 90°	679×246×288mm	22.5kg
WJ-20	200W	4Ω	116dB	93dB	130Hz-19kHz	0.7@100m	horizontal 70°x vertical 90°	685×249×290mm	18.0kg
WJ-12	200W	16Ω	134dB	111dB	500Hz-5kHz	0.7@100m	horizontal 80°x vertical 90°	342×246×288mm	13.3kg

LA1521H
Directional Speaker

Features:

● Directional Noise System's dispersing distance is up to 200 meters

● Release strong and powerful noises, highly directional, high fidelity

● Low power consumption; portable and light-weighted, vehicle top mounted

LA1521H

Model	RMS Power	Input Impedance	Max SPL	Sensitivity	Freq. Response	Disperse Angle	Dimension	Net Weight
LA1521H	600W	8Ω	133dB	105dB	120Hz-18kHz	horizontal 35°x vertical 35°	800×800x120mm	60kg

DSP169HD
Video Megaphone

Features:

● STIPA 0.9 for speaking clearly(normal 0.5)

● Built-in HD camera for photo and video shooting

● Built-in LED illumination for low light use

● Built-in USB for music playing

● Support voice recording and replay

● Support Li-Ion battery and dry battery

DSP169HD

		Illumination		Voice Reinforcement			Taking Photos Shooting Videos		
Model	RMS Power	STIPA	Sensitivity	Freq. Response	Screen	Charge Time	Usage Time	Dimension	Net Weight
DSP166HD	15W	0.9	102±3dB	300Hz -10kHz	x	4 hrs	10-20 hrs	210x280x310mm	1.2kg
DSP169HD	15W	0.9	102±3dB	300Hz -10kHz	v	4 hrs	10-20 hrs	210x280x310mm	1.4kg

LA1525SD
25W Ultra Directional Speaker
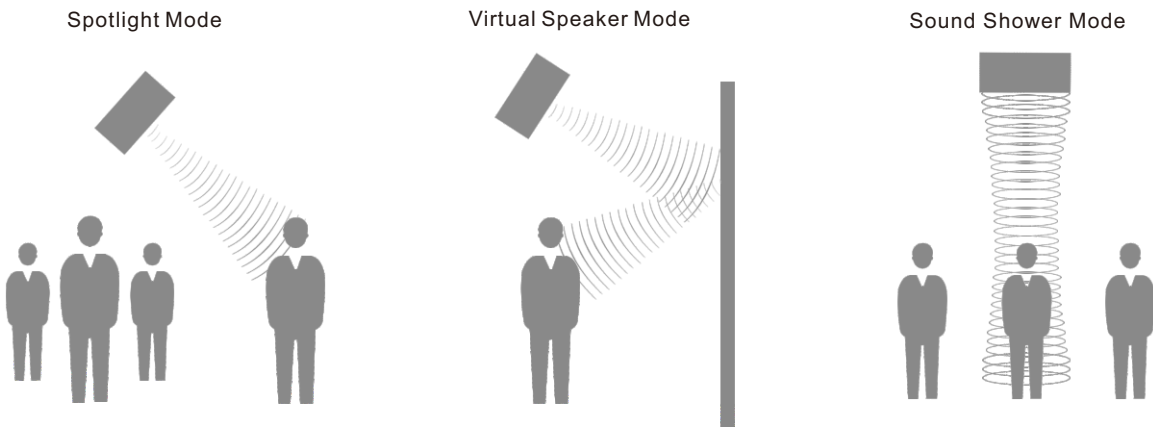
LA1525SD
25W Ultra Directional Speaker

MP1525
25W Mixer Amplifier

The LA1525SD hyper directional speaker can deliver a narrow beam of sound to a desired area while preserving silence around it, or allowing the co-existence of different sounds in the same space without mixing or interfering. The audio-beam created by LA1525SD can cut through noisy environments and deliver a headphone-like experience for the listener.

The LA1525SD speaker offers highly directional distribution of sound, which is reproduced clearly – without distortion – even at high volumes. The speaker itself is easy to use – you only need to connect the audio output of your source device (such as portable music player, laptop, DVD-player etc.) with the speaker and you are ready to go.

The LA1525SD hyper directional speaker can be mounted and used in three modes: Spotlight Mode, Virtual Speaker Mode and Sound Shower Mode.

Spotlight Mode   Virtual Speaker Mode   Sound Shower Mode

DSP9000
IP Network Audio System

Main Control Room
(Host is dispensable after system has been set up)

Remote Control   DSP9100 Network Server

DSP9101
Paging & Control Station
for Reception Desk   Network Switch

TCP/IP Internet

Other Venues
(Hall, Library, Cafeteria, Playground, etc.)

Network Switch

DSP9131
Audio Terminal   Amplifier

Zone 2 ••• Zone 3

Cafeteria

DSP9151
IP Network Amplifier

Library

Network Switch   **Grade X**

DSP9101
Station of Grade X

DSP9606N-1 DSP9606N-2   DSP9606N-1 DSP9606N-2
DSP9616A   DSP9616A
Wireless Mic System   Wireless Mic System
Class 1 DSP9626C   Class X   DSP9626C

Teaching Area

Grade 3
Grade 2
Grade 1

Network Switch

DSP9101
Station of Grade 1

DSP9606N-1 DSP9606N-2   DSP9606N-1 DSP9606N-2
DSP9616A   DSP9616A
Wireless Mic System   Wireless Mic System
Class 1 DSP9626C   Class X   DSP9626C

Features:

● 200 zones management

● Auto IP setting, easy to use

● Support off-line auto running

● Support remote paging & audio display

● Support grouping and hierarchy control

● Support remote computer & iPad control

Applications:

Small to medium size venues: school, hotel, restaurant, resthome,etc.

DSP9000 IP Network Audio System

DSP9000 IP Network System is a simple and reliable IP audio system. Comparing to traditional IP audio system, DSP9000 is easy to set up (no need of IP address setting), easy to use (plug and play), more reliable (support online and offline running). The system includes all kinds of IP terminals like IP Network Server, IP Paging Microphone, IP Speaker, IP Audio Terminal, IP amplifier, IP Fire Alarm Panel, etc. It offers a new IP audio solution to medium to large audio projects such as hotel, supermarket, shopping mall, resthome, school, etc.
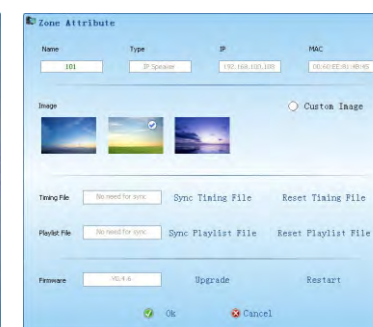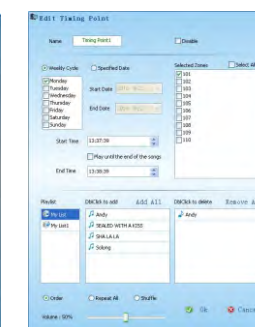
DSP9100 IP Network Server

Features :

● Excellent Performance
Central industrial control host, SSD hard disk, industrial grade chip

● High Reliability
24-hour running, stable operations in either high or low temperatures, immunity to viruses

● Environmentally Friendly and Energy-saving
No need of extra maintainance of line, small volume(1U), low power consumption
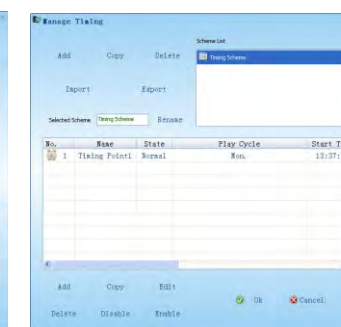
Grouping Function   Zone Setting   Timer Function   Timer Function-2

DSP9000 IP Network System Software

Features :

● Green software, no need of installation

● Friendly interface, easy to use, plug and play

● Support grouping, timing, and audio synchronize

● Support multiple languages for different countries

● Support customized background and style

DSP9101
IP Network Smart Paging Station

Features:
- Based on TCP/IP protocol
- 7" TFT true-color LCD touch screen
- Up to 200 zones control
- Support group control
- 1 Aux input & output, 2 MIC input
- 1 EMC output, 1 short circuit output
- Support off line paging and control

DSP9103
GPS+BDS Compass Timing Calibrator

Features:
- Based on TCP/IP protocol
- Compass and GPS dual-module antenna
- Support POE and DC power supply
- Auto IP address setting, plug-and-play
- UTC date and time auto calibration

DSP9131
Stereo IP Network Terminal

Features:
- Based on TCP/IP protocol, support VOIP intercom
- Abundant audio sources:
AUX stereo input, 100V input, Mic input, network audio, built-in audio
- With EMC input and output
- Priority level: 100V>network audio>local Mic>AUX>built-in audio
- Support SIP protocol, support VOIP intercom function
- Support AC power, DC power and POE power
- Support off line auto running after system set up

DSP9151/DSP9152/DSP9153/DSP9154
Stereo IP Network Amplifier

Features:
- Based on TCP/IP protocol
- Class-D digital amplifier module
- 1 U slim & compact design
- 100V speaker output
- Rated power: 60W/120W/250W/500W

DSP6604N/DSP6606N/DSP6608N
IP Network Wall Mount Speaker

Features:
- Rated power: 2x20W/2x30W/2x40W (pair)
- Freq. Response: 20Hz-20KHz
- Sensitivity: 90±2dB/90±2dB/91±2dB
- MAX SPL: 103±2dB/105±2dB/106±2dB
- Support off line running, built-in Memory: 4G

DSP6604E
POE Wall Mount Speaker

Features:
- Rated power：2x15W（pair）
- Freq. Response：20Hz-20KHz
- Sensitivity：90±2dB
- MAX SPL：103±2dB
- Support off line running, built-in Memory：4G

DSP203N-DSP403N
IP Network Indoor Column Speaker

Features:
- Rated power：2x15W/2x30W（pair）
- Freq. Response：140Hz-12KHz
- Sensitivity：90±2dB/94±2dB
- MAX SPL：99±2dB/108±2dB
- Support off line running, built-in Memory：4G
- Support AC 100-240V/50/60Hz power supply
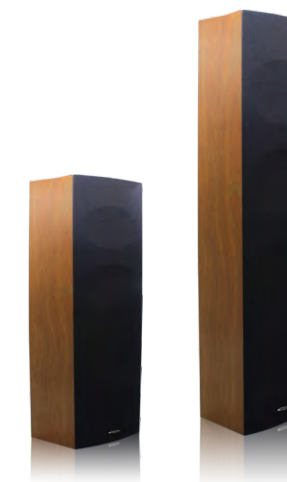
DSP205N/DSP405N
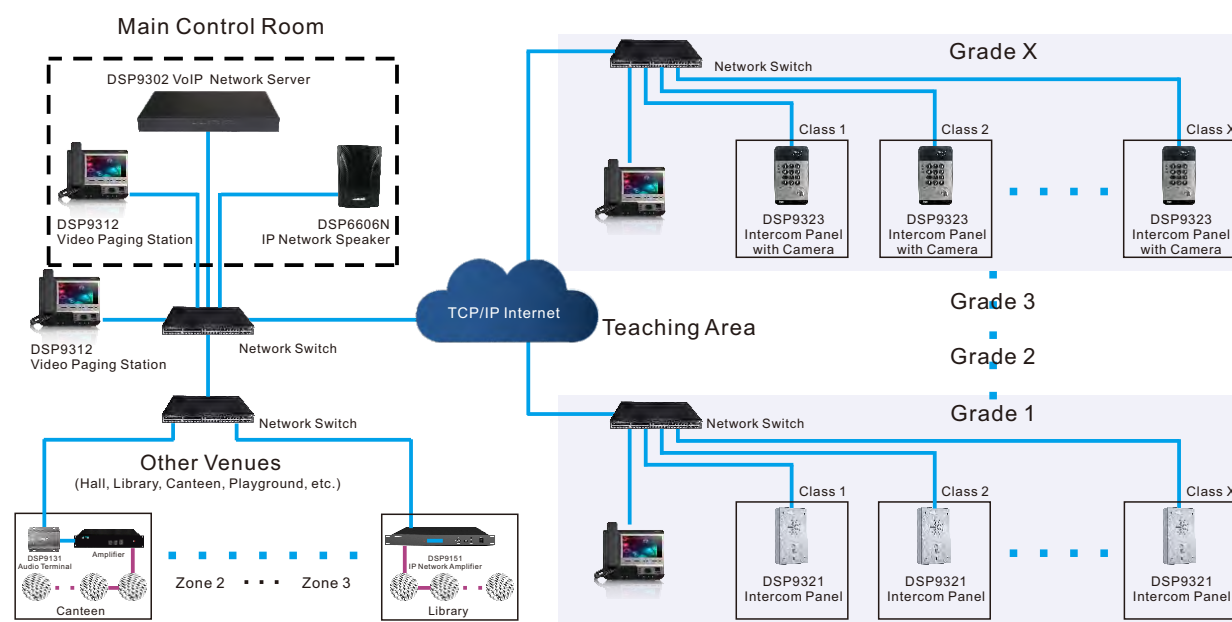IP Network Waterproof Column Speaker

Features:
- Rated power: 20W/40W
- Freq. Response: 140Hz-14KHz
- Sensitivity: 89±2dB/93±2dB
- MAX SPL: 102±2dB/109±2dB
- Support off line running, built-in Memory: 4G
- Aluminum housing, IP65 waerproof waterproof design
- Support AC 100-240V/50/60Hz power supply

DSP9300
VoIP/SIP Intercom System

Main Control Room

DSP9302 VoIP Network Server

DSP9312
Video Paging Station

DSP6606N
IP Network Speaker

DSP9312
Video Paging Station

Network Switch

TCP/IP Internet

Other Venues
(Hall, Library, Canteen, Playground, etc.)

DSP9131
Audio Terminal

Amplifier

Zone 2   Zone 3

DSP9151
IP Network Amplifier

Canteen

Library

Network Switch

Grade X

Class 1   Class 2   Class X

DSP9323
Intercom Panel
with Camera

DSP9323
Intercom Panel
with Camera

DSP9323
Intercom Panel
with Camera

Teaching Area

Grade 3

Grade 2

Network Switch   Grade 1

Class 1   Class 2   Class X

DSP9321
Intercom Panel

DSP9321
Intercom Panel

DSP9321
Intercom Panel

Features:

● Technology of VoIP & SIP protocol

● Support intercom and paging function

● Support video calling/intercom

● Can interact with DSP9000 Network PA System

● Support DHCP setting, easy for use

● Support remote telephone meeting

Applications:

Small to medium size venues: bank, school, hotel, restaurant, resthome,etc.

DSP9300 VOIP/SIP Network Intercom System

DSP9300 VoIP/SIP Network Intercom System is a simple and reliable intercom system. Comparing to traditional intercom system, DSP9300 can interact with DSP9000 IP Network PA System. The DSP9300 system supports intercom talking, video call, and remote paging. Along with the DSP9000 IP Network PA System, it offers a complete IP audiovisual solution to medium to large audio projects such as bank, school, manufacturing plant,hotel, supermarket, shopping mall, railway station, etc.

DSP9302
VoIP/SIP Network Server

● Based on VoIP/SIP protocol

● Support DHCP setting, easy for use

● Can interact with DSP9000 Network PA System

● 19" rack mount and 1 U slim case industrial design

DSP9312
Video Paging Station

Features:

● Based on VoIP/SIP protocol

● Support video calling and remote paging

● With colorful touch screen and physical buttons

● Can interact with DSP9000 IP Network PA System

DSP9321/DSP9322
On-wall Intercom Panel

Features:

● Based on VoIP/SIP protocol

● Support SOS emergency calling and service calling

● 2 channels short circuit input for emergency use

● IP54 level waterproof and dust proof

● Aluminum case, durable for long term use

DSP9323
Intercom Panel with Camera & Access Control

Features:

● Based on VoIP/SIP protocol

● Support SOS emergency calling and service calling

● Built-in camera for video recording

● Built-in IC card sensor for access control

● 2 channels short circuit input for emergency use

● IP54 level waterproof and dust proof

● Aluminum case, durable for long term use

MAG6000
IP Network PA System

MEM IP Network System is based on MEM protocol and compatible with TCP/IP protocol.

IP Network takes the advantage of the existing LAN/WAN, which can help speed up the construction, saving time running cable, and combining different networks together.
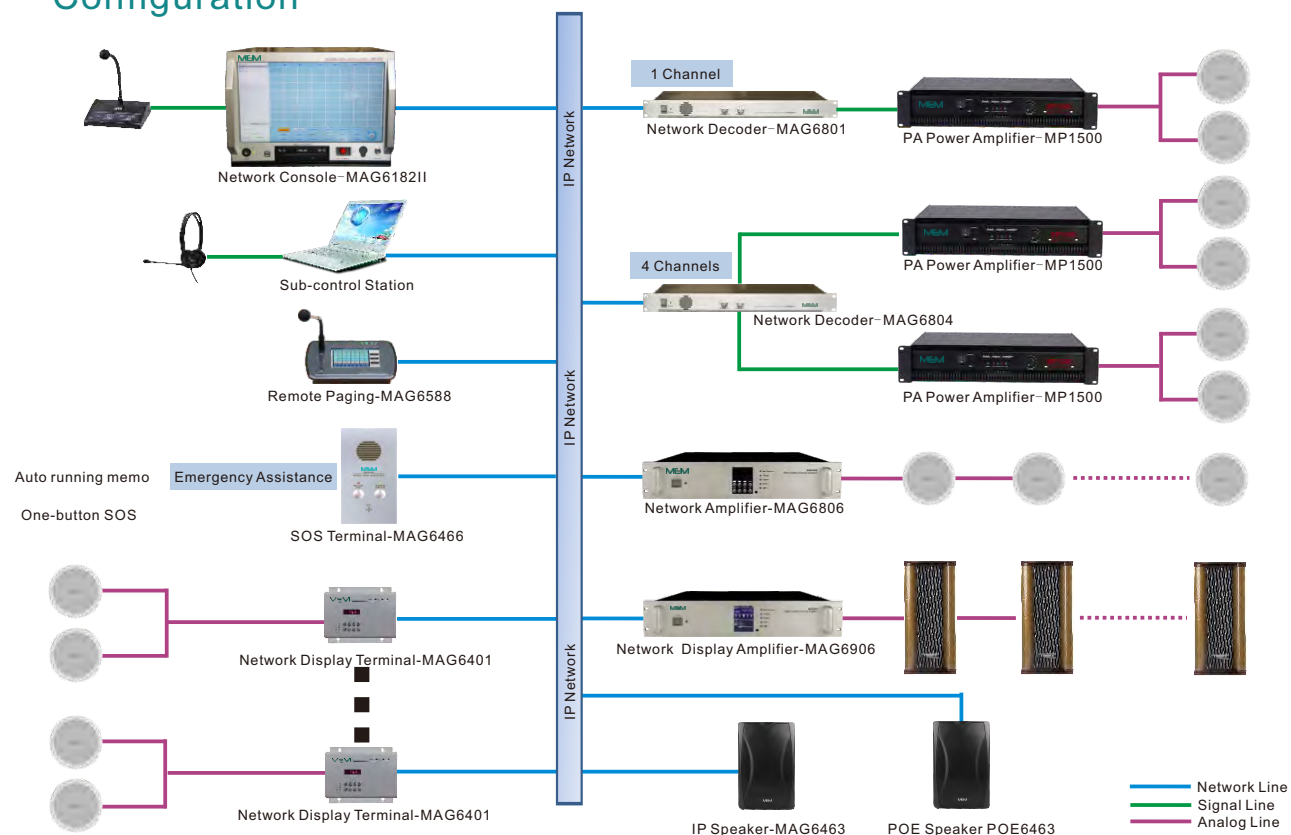
Comparing to traditional PA system, IP network system is more flexible and can transmit farther.

Applications: airport, railway systems, stadium, expo center, park, office building, campus, shopping mall, manufacture plant, etc.

Features:

● Flexible, no limit of zone management

● Abundant audio source inputs

● Programable timing function

● Remote control and paging function

● Remote computer control and monitor

● Automatic backup and recovery

Configuration

Network Console-MAG6182II

Sub-control Station

Remote Paging-MAG6588

Auto running memo Emergency Assistance

One-button SOS

SOS Terminal-MAG6466

Network Display Terminal-MAG6401

Network Display Terminal-MAG6401

IP Network

1 Channel
Network Decoder-MAG6801 PA Power Amplifier-MP1500

4 Channels
Network Decoder-MAG6804 PA Power Amplifier-MP1500

PA Power Amplifier-MP1500

Network Amplifier-MAG6806

Network Display Amplifier-MAG6906

IP Speaker-MAG6463 POE Speaker POE6463

Network Line
Signal Line
Analog Line

MAG6182II
IP Network PA Center

MAG6182M

Features:

● IP based network system

● 17" true color touch screen, easy for use

● Industrial circuit board for stable running

● Standard 19" design for rack mounting

● Keys are needed to turn on the console,ensure the operation system

● Modularized design to meet different project requirements

● Support online software updating
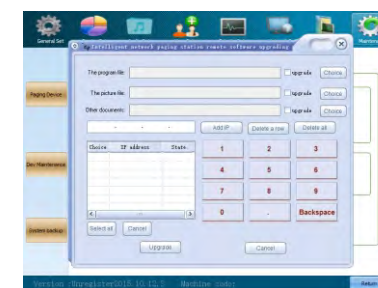
MAG6180
IP Network Software
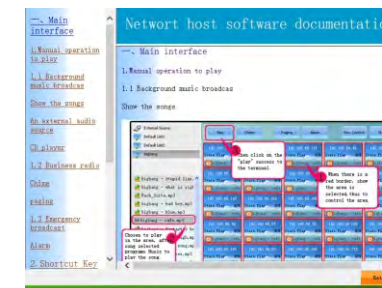
Features:

● Software of MAG6000 network system

● Can serve as the console when installed in computer

● Runs well with Windows systems like XP,win 7,win 8

● Friendly interface window, easy for use

● Support online software updating

MAG6401
IP Network Terminal with Built-in Amplifier
Features:
- Built-in network decoder and amplifier
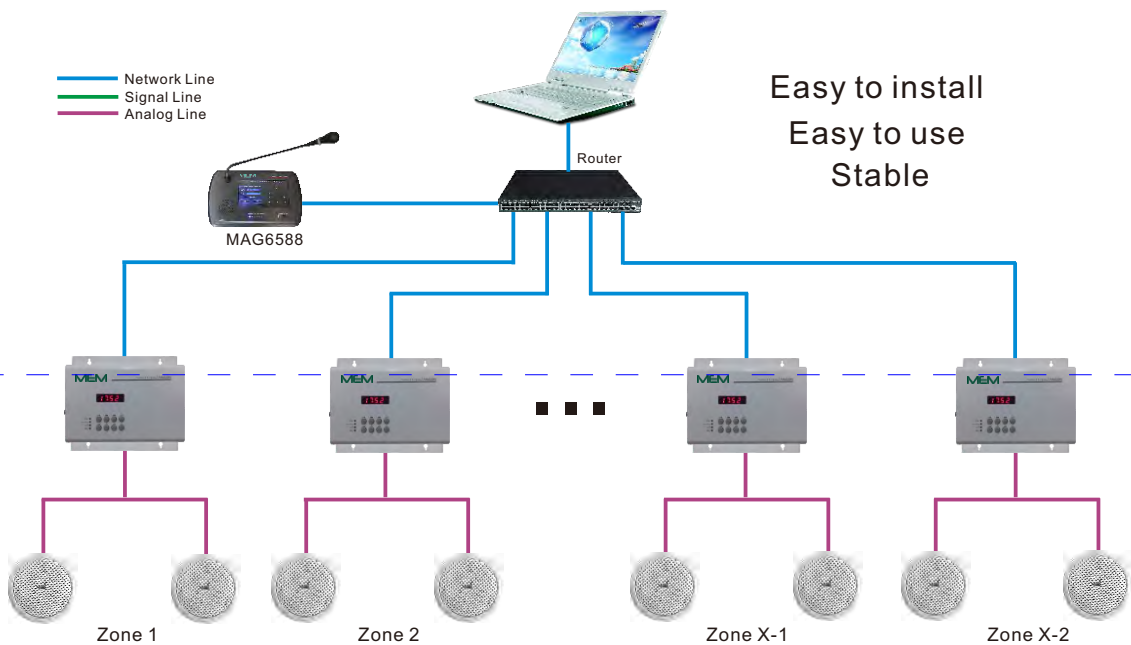- 4-8Ω low impedance speaker outputs
- Built-in 2x25W/1x50W digital amplifier
- Multiple audio source inputs: AUX, Mic, USB, SD
- 24V EMC of short circuit output
- 1 AUX output of RCA for power extension
- Can control via MAG6402 network on-demand terminal

POE6401
IP Network Terminal with Built-in Amplifier
Features:
- POE power via Cat-5 cable, easy for installation
- Built-in network decoder and amplifier
- 4-8Ω low impedance speaker outputs
- Built-in 2x10W/1x20W digital amplifier
- Multiple audio source inputs: AUX, Mic, USB, SD
- 24V EMC of short circuit output
- 1 AUX output of RCA for power extension
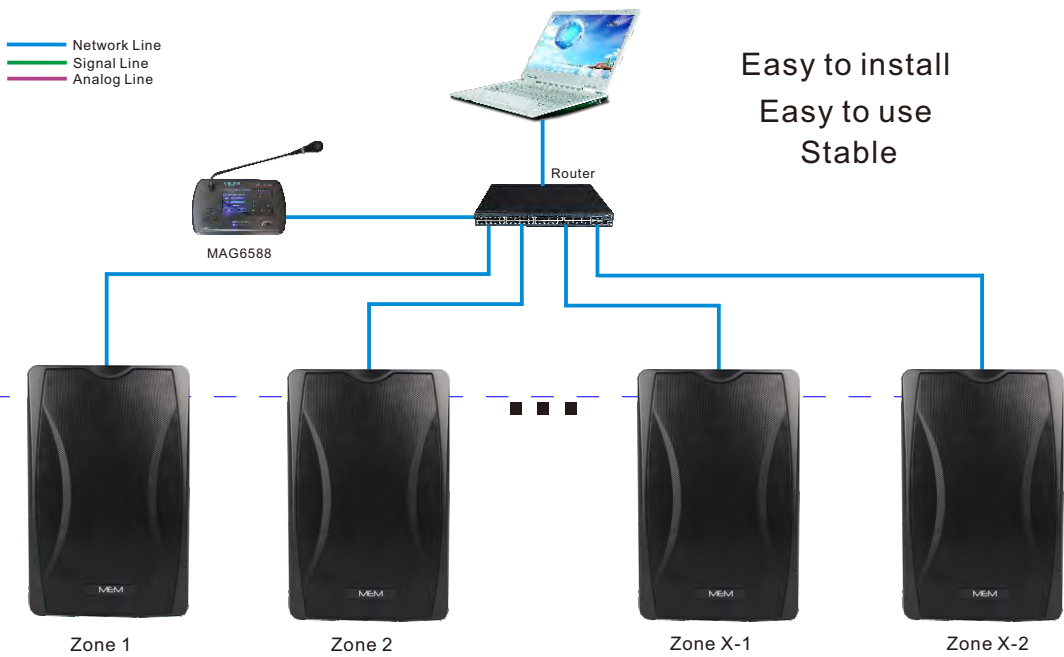- Can control via MAG6402 network on-demand terminal

MAG6463
IP Network Wall Mount Speaker
Features:
- Built-in network decoder and amplifier
- Built-in 2x25W/1x50W digital amplifier
- Can play music, paging and alarm from the console
- One AUX input, one AUX output, 100V input
- 1 AUX output of RCA for power extension
- LED screen indicator for display status
- Can control via MAG6402 network on-demand terminal
- Black & White colors available

POE6463
POE Wall Mount Speaker
Features:
- POE power via Cat-5 cable, easy for installation
- Built-in network decoder and amplifier
- Built-in 2x10W/1x20W digital amplifier
- Can play music, paging and alarm from the console
- One AUX input, one AUX output, 100V input
- 1 AUX output of RCA for power extension
- LED screen indicator for display status
- Can control via MAG6402 network on-demand terminal
- Black & White colors available

Network Line
Signal Line
Analog Line

Router

MAG6588

Easy to install
Easy to use
Stable

Zone 1   Zone 2   Zone X-1   Zone X-2

Network Line
Signal Line
Analog Line

Router

MAG6588

Easy to install
Easy to use
Stable

Zone 1   Zone 2   Zone X-1   Zone X-2

Application:
All sizes of venues where BGM and paging is needed and there is access of IP network.

Model	RMS Power	Output Impedance	AUX Input Sensitivity	AUX Output Sensitivity	MP3 Freq. Response	Dimension	Net Weight
MAG6401	2x25W/1x50W	4-8Ω	1000mV	1000mV	10Hz-26kHz	222x195x49.5mm	1.5kg
POE6401	2x10W/1x20W	4-8Ω	1000mV	1000mV	10Hz-20kHz	190x195x50mm	1.45kg

Application:
All sizes of venues where BGM and paging is needed and there is access of IP network.

Model	RMS Power	Output Impedance	AUX Input Sensitivity	AUX Output Sensitivity	Freq. Response	Dimension	Net Weight
MAG6463	2x25W	4-8Ω	1000mV	1000mV	50Hz-18kHz	310x215x150mm	4.3kg
POE6463	2x10W/1x20W	4-8Ω	1000mV	1000mV	50Hz-20kHz	310x215x150mm	4.2kg

MAG6588
IP Network Paging Station
Features:
- IP network remote control & paging station
- Support 10M/100M self-adaptive TCP/IP protocol
- 7" true color LCD touch screen display & control
- Built-in 3W speaker for monitor and talk-back function
- Can play music from the console to each zone
- Support zone paging and group paging
- Support paging recording and memo function
- Built-in chime as speech & paging notification

MAG6801/MAG6804
IP Network Audio Terminal
Features:
- One channel/Four channel IP network audio terminal
- Support 10M/100M self-adaptive TCP/IP protocol
- Built-in network signal to audio signal decoder
- 1/4 channel AUX outputs of 6.3mm/RCA interface
- Can play music, paging and alarm from the console
- One EMC input and one EMC output
- 1 U slim design, 19" rack mounting design

MAG6806/MAG6812/MAG6825/MAG6835/MAG6865
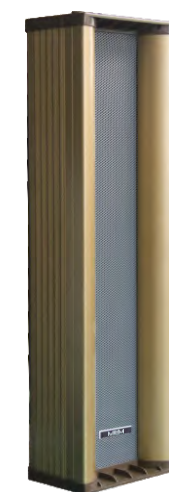### IP Network Amplifier
Features:
- IP network digital power amplifier
- RMS power 60W/120W/250W/350W/650W @ 100V
- Support 10M/100M self-adaptive TCP/IP protocol
- Built-in digital amplifier modul, high efficiency (90%)
- Digital screen indicator for display status and time
- Can play music, paging and alarm from the console
- Built-in USB and SD interface for local audio playing
- One AUX input, two Mic input, one AUX output & EMC output

MAG6310
2x15W IP Network Terminal with Amplifier
Features:
- Built-in network decoder and amplifier
- 4-8Ω low impedance speaker outputs
- Built-in 2x15W digital amplifier
- Multiple audio source inputs: AUX, Mic, USB, SD
- 24V EMC of short circuit output
- 1 AUX output of RCA for power extension

MAG6311
IP Network Ceiling Speaker
Features:
- Built-in network decoder and amplifier
- Ceiling speaker with built-in 2x15W digital amplifier
- Can play music, paging and alarm from the console
- Multiple audio source inputs: AUX, Mic, USB, SD
- 24V EMC of short circuit output
- 1 AUX output of RCA for power extension

MAG6368
Waterproof IP Network Column Speaker
Features:
- Built-in network decoder and amplifier
- Column speaker with built-in 2x15W digital amplifier
- Can play music, paging and alarm from the console
- Waterproof design, suitable for indoor and outdoor use

MAG6402
IP Network on-demand Terminal
Features:
- IP network on-wall display terminal
- TFT true color touch screen control
- Can play local audio or the audio from the console
- Can play music, paging and alarm from the console
- Support remote paging to one zone or all zones
- Support IR remote control function
- 86 case on-wall installation design
- POE powered via Cat-5 cable, easy for installation

MAG6465MAG6466
IP Network Help Intercom Extension Controller
Features:
- IP network on-wall intercom help terminal
- Aluminum alloy, waterproof design
- Built-in HiFi condenser microphone
- Built-in 2W speaker of high audio definition
- Support RS485 protocol for long distance transfer
- Auto recording of the speech in the console

Dante Network System

Dante Technology

Based on industry standards, Audinate created Dante, an uncompressed, multi-channel digital media networking technology, with near-zero latency and synchronization. Dante is the preferred audio networking solution that has been adopted by more pro-audio AV manufacturers than any other networking technology. Interoperability is not a dream of the future, but a reality today. Hundreds of Dante-enabled products are available from the world's leading manufacturers, enabling you to mix devices from multiple manufacturers.

Economical and Versatile

One cable does it all. Dante does away with heavy, expensive analog or multicore cabling, replacing it with low-cost, easily-available CAT5e, CAT6, or fiber optic cable for a simple, lightweight, and economical solution. Dante integrates media and control for your entire system over a single, standard IP network.

Outstanding Quality

Since audio is transmitted digitally, you don't have to worry about the common analogue challenges of interference from other electrical equipment, crosstalk between cables, or signal degradation over long cable runs.

Easy To Install, Easy to Use

Signal routing and system configuration with Dante is fast, simple, and incredibly flexible. Dante Controller is a powerful software application that manages devices on the network. Setting up a Dante network is typically just a matter of plugging devices into an Ethernet switch and connecting a computer to the network. All Dante devices are automatically discovered and displayed in Dante Controller, so you can be up and running in seconds.

With Dante Controller you can easily edit device names and channel labels, control sample rates, and set device latencies. There is no longer any need to remember device IDs or channel numbers.

Advantage

Comparing to the first-generation audio over Ethernet technologies, such as CobraNet and EtherSound, Dante provides specific advantages, including native gigabit support, higher channel count, lower latency, and automatic configuration.
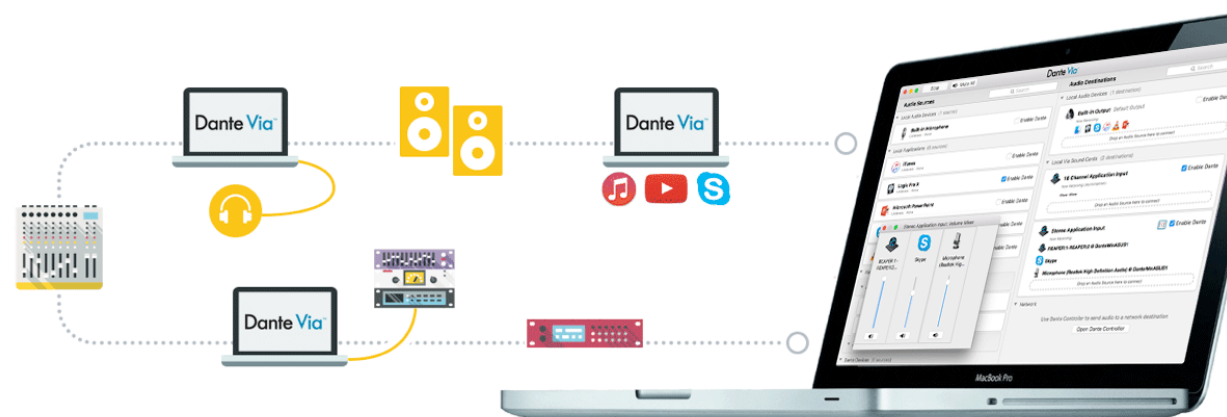
D2125/D2250/D2500

2 Channels Dante Amplifier

Features:

● Comply with Dante Network System

● 2 channel amplifiers within one 1U & 19" case

● Two audio inputs, can be added to the existing Dante system

● Two priority inputs and two 100V inputs as audio sources

● 70V/100V speaker output for long distance transfer

● Industrial design for audio project, long term & stable use

● High efficiency (85%) and with standby function for power saving

Model	RMS Power	THD	SNR	Freq. Responsee	Output Voltage	Dimension	Net Weight
D2125	2x125W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44mm	6.7kg
D2250	2x250W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44mm	6.9kg
D2500	2x500W	< 0.3 %	>80dB	80Hz-15kHz	70V/100V	483×435×44mm	7.3kg

D6463/D6463E

Dante Network Wall Mount Speaker

Features:

● Comply with Dante Network System

● Built-in 2x25W/2x50W digital amplifier

● Can play music, paging and alarm from the console

● One AUX input, one AUX output, 70V input

● 1 AUX output of RCA for power extension

● LED screen indicator for display status

D6463　　　D6463E

Configuration of Dante Amplifier & Dante Speaker

Model	RMS Power	Output Impedance	Input Sensiti	AUX Output Sensitivity	Freq. Response	Dimension	Net Weight
D6463	2x25W/1x50W	4-8Ω	1000mV	1000mV	50Hz-18kHz	310x215x150mm	4.3kg
D6463E	2x10W/1x20W	4-8Ω	1000mV	1000mV	50Hz-20kHz	310x215x150mm	4.2kg
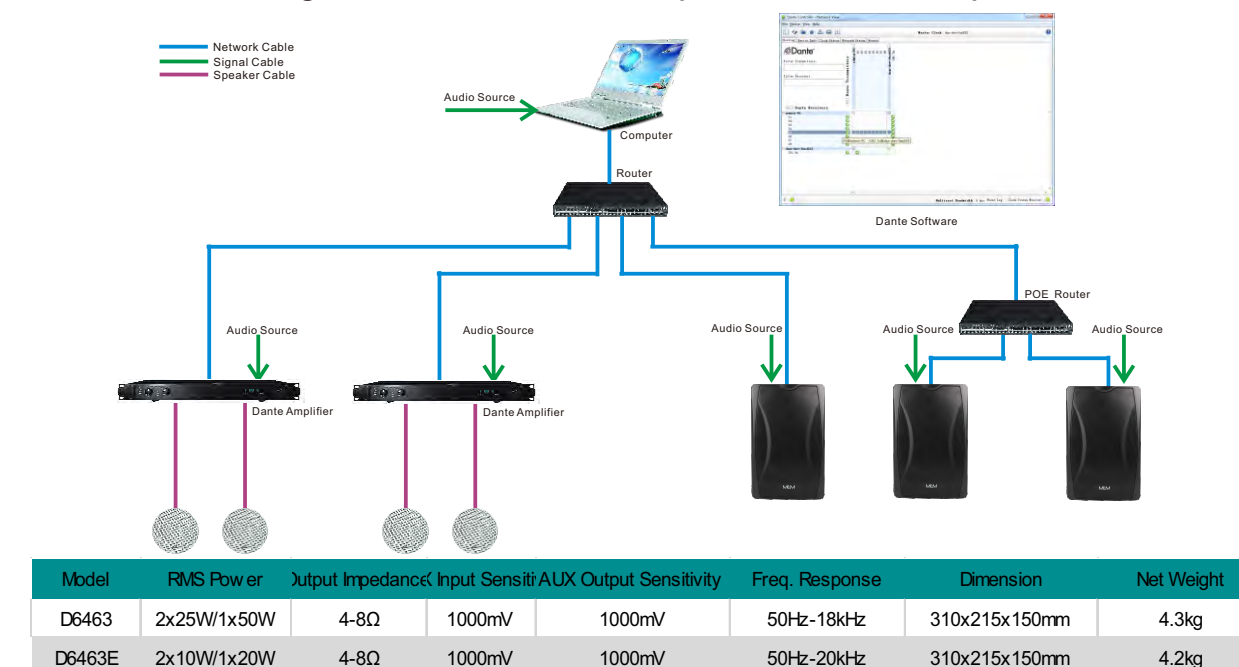
MAG2189
250 Zones Intelligent PA System

MAG2189 is a powerful intelligent PA system center. It is a 5x250 audio matrix. It has all the functions of a normal PA project, such as background music playing, programed audio playing, remote paging, fire alarm, etc

It supports 50 audio inputs and 250 audio outputs. It can play the audios of AUX inputs, built-in memory (500G), built-in CD, etc. The users can play different music to each zone.

The system supports remote paging and remote computer remote control, which make it easier for the management of large PA projects.

The use of industrial PCB's along with MEM's professional design makes the system reliable and stable.The modular function design makes the system more flexible for different projects. It is a cost-effective and reliable PA solution for school, shopping mall, factory, railway station, etc.

MAG2189
250 Zones Intelligent Public Address Center

Features:

● 50 inputs & 250 outputs audio matrix
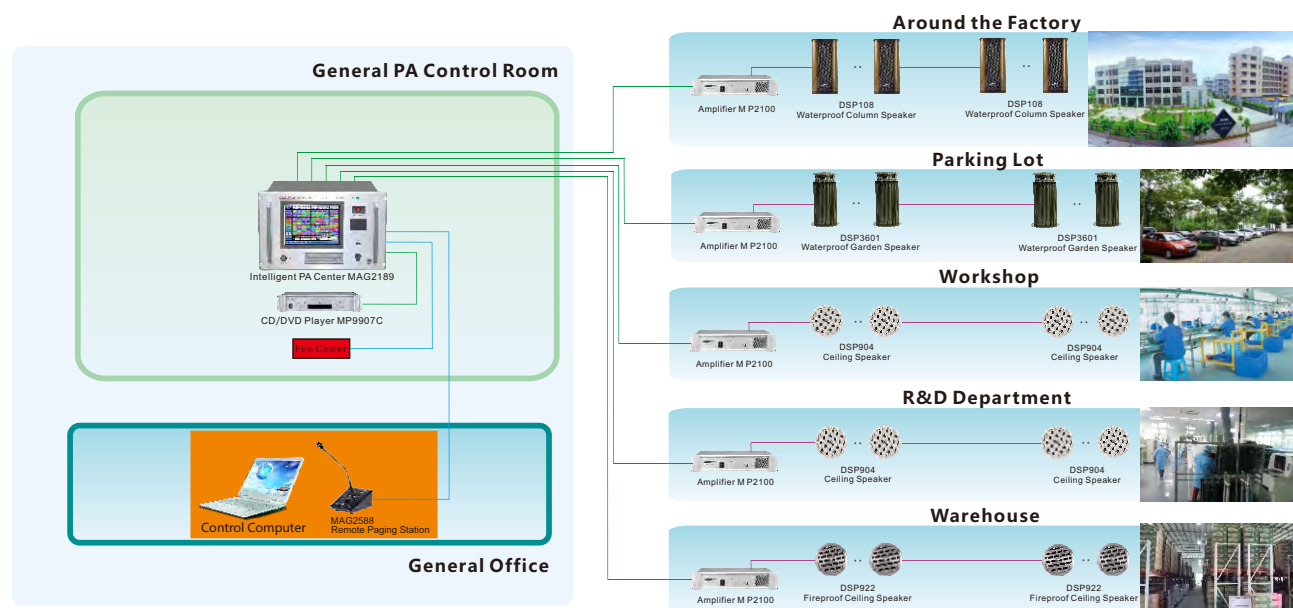
● 10.4" color touch screen for friendly use

● Audio source: AUX input, built-in CD, built-in memory

● Support up to 48 remote paging stations

● Support remote computer control via Cat-5 cable

● Built-in TEL module for telephone input and meeting

● 4 AC power outputs for external equipment

● Modular function design for all kinds of projects

● Modules available: AUX input, AUX output, remote paging, fire alarm, monitor, etc.

Model	Audio Input	Audio Output	Remote Paging	SNR	THD	AUX Input Impedance	AUX Output Level	Dimension	Net Weight
MAG2189	50	250	48	≥90dB	<1%	10kΩ	1000mV	484x450x305mm	27.0kg

MAG2189
Factory PA Solution

General PA Control Room

Intelligent PA Center MAG2189

CD/DVD Player MP9907C

Fire Center

Control Computer MAG2588 Remote Paging Station

General Office

Around the Factory

Amplifier M P2100 DSP108 Waterproof Column Speaker DSP108 Waterproof Column Speaker

Parking Lot

Amplifier M P2100 DSP3601 Waterproof Garden Speaker DSP3601 Waterproof Garden Speaker

Workshop

Amplifier M P2100 DSP904 Ceiling Speaker DSP904 Ceiling Speaker

R&D Department

Amplifier M P2100 DSP904 Ceiling Speaker DSP904 Ceiling Speaker

Warehouse

Amplifier M P2100 DSP922 Fireproof Ceiling Speaker DSP922 Fireproof Ceiling Speaker

MAG2588
1000 Zones Remote Paging Station

Features:

● Support remote paging up to 10000 zones

● Long working distance, up to 1km

● Built-in 3 chimes for speech & paging notification

● With AUX line input as BGM when making paging

● Mic/Chime/AUX input volume adjustable

● Can make paging to one zone or multiple zones

● LCD screen display, shuttle wheel selection control

● With zone paging status indicator function for (busy & free)

Model	SNR	Mic THD	AUX THD	Mic Sensitivity	AUX Sensitivity	Mic Freq. Response	AUX Freq. Response	Dimension	Net Weight
MAG2588	≥60dB	≤1.5%	≤0.1%	10mV(±1mV)	300mV(±50mV)	150Hz-10kHz	20Hz-20kHz	270x180x120mm	2.2kg

MAG3210/MAG1116
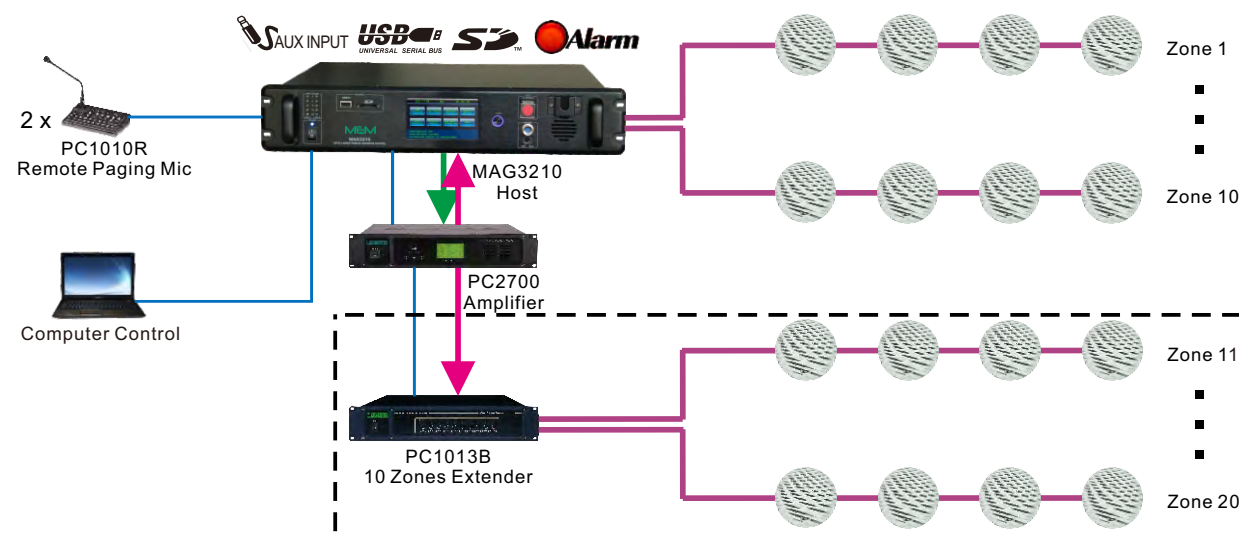## 10 Zones Intelligent PA System

MAG3210 (MAG1116) is a powerful intelligent PA system center. It is a 10 zones PA system solution. It has all the functions of a normal PA project, such as background music playing, programed audio playing, remote paging, fire alarm, etc.

It supports 5 audio inputs and 10 zones outputs. It can play the audios of AUX inputs, USB,SD, Tuner, etc. It supports AB line speaker outputs (background music & emergency broadcast).

The system supports remote paging and programed timer function, which make it easier for the management of the daily running.

The use of industrial grade PCB's along with MEM's professional design makes the system reliable and stable. It is a cost-effective PA solution for small to medium venues like school, supermarket, factory, etc.

10 Zones PA System with Remote Paging

2 x PC1010R Remote Paging Mic

Computer Control

MAG3210 Host

PC2700 Amplifier

PC1013B 10 Zones Extender

Zone 1
Zone 10
Zone 11
Zone 20

MAG3210
10 Zones Intelligent Public Address Center
Features:

● 4.3" color touch screen for friendly use
● 10 zones audio outputs (extendable to 100 zones)
● With built-in Fireman Mic for emergency use
● Audio source: 2 AUX inputs, USB, SD, FM
● Support 2 remote paging stations
● Support AB speaker ouputs (BGM & emergency broadcast)
● Built-in 10 channel fire alarm inputs and 1 EMC output
● Weekly timer function: 10 programs, each 200 points
● Support monitoring function to each zone
● 1 AC power output for external equipment

MAG1116
10 Zones Intelligent Public Address Center
Features:

● 5" color touch screen for friendly use
● 10 zones audio outputs (extendable to 100 zones)
● Audio source: Mic input, USB, SD
● With built-in Fireman Mic for emergency use
● Editable voice recording function for voice evacuation
● Support 2 remote paging stations
● Support AB speaker ouputs (BGM & emergency broadcast)
● 10 channel fire alarm inputs and 1 short circuit output
● Weekly timer function: 5 programs, each 200 points
● Support monitoring function to each zone
● 4 AC power output for external equipment
● Support DC 24V power input when AC power supply fails

Model	Audio Source	Zone Output	Remote Paging	THD	Input Sensitivity	Freq. Respponse	Dimension	Net Weight
MAG3210	5	10-100	2	≤0.1%	200-350mV	20Hz-20kHz	482x88x423mm	10.0kg
MAG1116	3	10	2	≤0.3%	200-350mV	200Hz-20kHz	——	——

PC1010R
Remote Paging Station
Features:

● Support remote paging up to 100 zones
● Long working distance, up to 1km
● Built-in 2 chimes for speech & paging notification
● With AUX line input and 1 AUX line output
● Mic & chime volume adjustable

Model	Mic SNR	AUX SNR	Mic Sensitivity	AUX Sensitivity	Mic Freq. Response	AUX Freq. Response	Dimension	Net Weight
PC1010R	≥60dB	≥70dB	8mV	1000mV	100Hz-15kHz	20Hz-20kHz	270x180x55mm	1.5kg

MEM Wireless Public Address System

Wireless public address system composes of wireless host, wireless transmitter, wireless receiver, speakers, antenna and other wireless equipment.With wireless transmission, the system works in stable condition with wide broadcast coverage. The wireless public address system can do background broadcast, business broadcast and emergency broadcast. It is an ideal choice for places where the transmission cable laying is difficult to conduct. It is a user-friendly and economical system which is welcomed by more and more users.

Scenic Park Solution

Transmitting Antenna

Antenna Arrester

CD/DVD Player

PC Remote Control

PA7005

Paging Mic

WEP9125T

Sun Light

Solar Panel

Wireless PA Speaker

Wireless PA Receiver

Paging Mic

Column Speaker

Wireless PA Receiver

Mixer Amplifier

Garden Speaker

Paging Mic

Wireless PA Receiver | Horn Speaker

Wireless PA Receiver | Horn Speaker

Audio Signal → Power Cable
RVB Cable → Control Signal

PA7005

Wireless Public Address Host

Features:
- ARM industrial design, integrated with all PA system functions
- 3.2" TFT touch screen, clear display & easy to ouse
- 64 addressable zones control of on/off, volume and timer setting
- Multiple inputs: 2 AUX, 1 Mic, FM, TEL & Mobile moduls (optional)
- Built-in one-button alarm in case of emergancy
- Built-in monitor speaker to monitor all the output audios
- High security: wireless signal is strictly encrypted and decrypted
- Weekly timer function for auto play and control of each zone
- 2 AC power outputs with timer to turn on/off external equipment
- Support both AC power and DC 24V power supply

WEP9115T/WEP9125T/WEP9150T/WEP9110T/WEP9250T/WEP9300T

Wireless PA System Transmitter

Features:
- Wide frequency range adjustable from 76MHz to 108MHz
- Transmit power adjustable to meet different requirements
- Mono/Stereo mode can be switched for transmission
- Digital screen for clear display of transmit frequency and power

WEP2120

Wireless PA System Receiver with Amplifier

Features:
- 2 FM inputs: normal FM and emergency FM
- Support both wireless and wired addressable receive function
- RDS sudcarrier decoding technology, resist to other broadcast signal
- Multiple inputs of 1 AUX, 1 Mic, FM, USB, 1 AUX output
- 1 AC power output of 2000W for external equipment
- Built-in 120W amplifier of 100V speaker output
- Support power/volume/timer controlled by remote host

WEP253/WEP253B

Wireless PA System Terminal with Amplifier

Features:

● Wireless PA system terminal with 25W/50W/8Ω amplifier

● All weather outdoor design, built-in lightning protection

● RDS sudcarrier decoding technology, resist to other broadcast signal

● Support control of on/off and volume by remote host

● 2 RCA audio output interfaces for power extension

● Support power supply of AC power, solar and wind

WEP6026

25W Wireless PA System Speaker

Features:

● Wireless PA system speaker with built-in 25W amplifier

● All weather outdoor design, built-in lightning protection

● RDS sudcarrier decoding technology, resist to other broadcast signal

● Support control of on/off and volume by remote host

● Support power supply of AC power, solar and wind

WEP6028

Wireless PA System Speaker

Features:

● Wireless PA system speaker with built-in amplifier

● RDS sudcarrier decoding technology, resist to other broadcast signal

● Support control of on/off and volume by remote host

● With built-in lithium battery, support auto charging

WEP2364/WEP2365

10W/20W Wireless PA System Speaker

Features:

● Wireless PA system speaker with built-in 10W/20W amplifier

● All weather outdoor design, suitable for indoor/outdoor use

● Auto turn on/off according to the transmitter

● Auto follow up the frequency of the transmitter

● Support power supply of DC power, solar and wind

● Built-in auto charging controller, electric storage device available

Installation of solar panel

east   towards east   towards west   west

solar panel   solar panel

wireless speaker

installation diagram with 2 solar panels
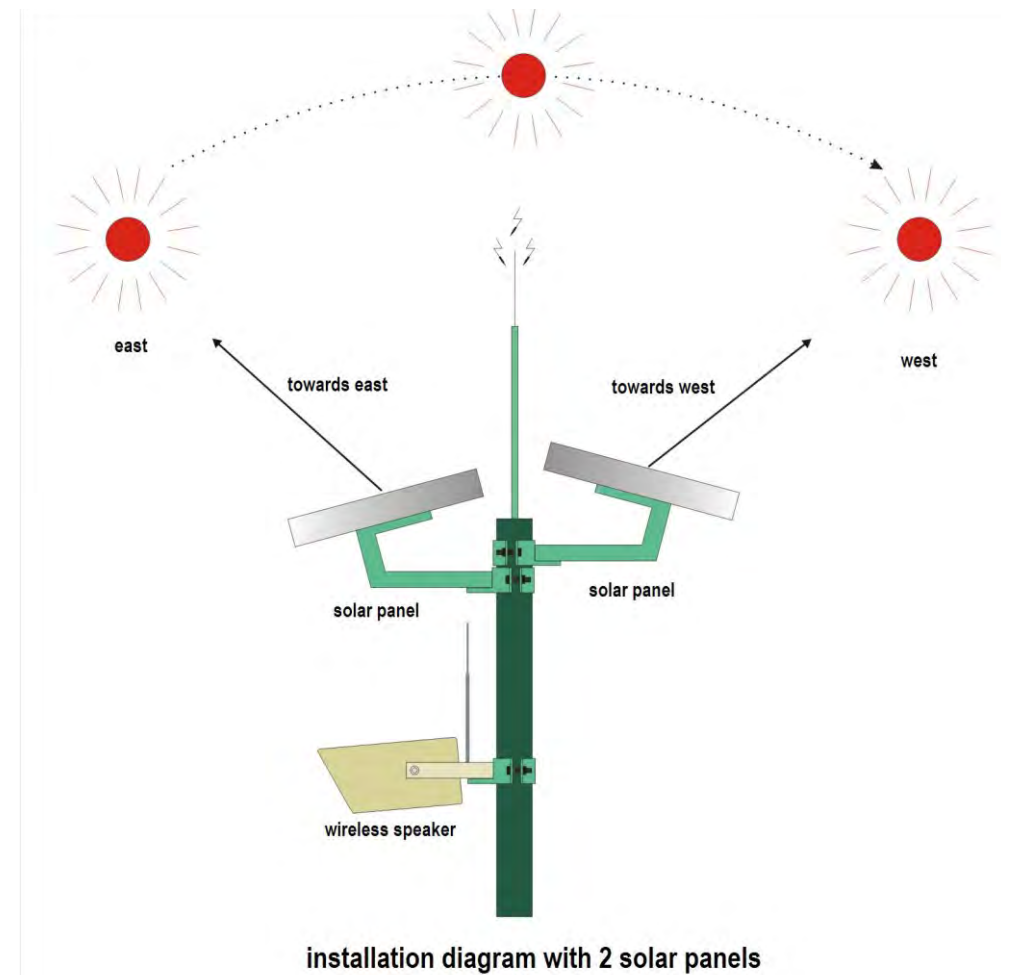
PC10 Series

Features:

● With fully digital management, soft-touch, "hand in hand" data link, easy and simple installation

● Smart PC-link PA system, support remote monitoring and central control, the hero of 2008 Beijing Olympics

● Humane network remote control interface, simulation remote control operation

● Automatic timer programming run, M/S amplifier automatically switches, fault automatically alarm
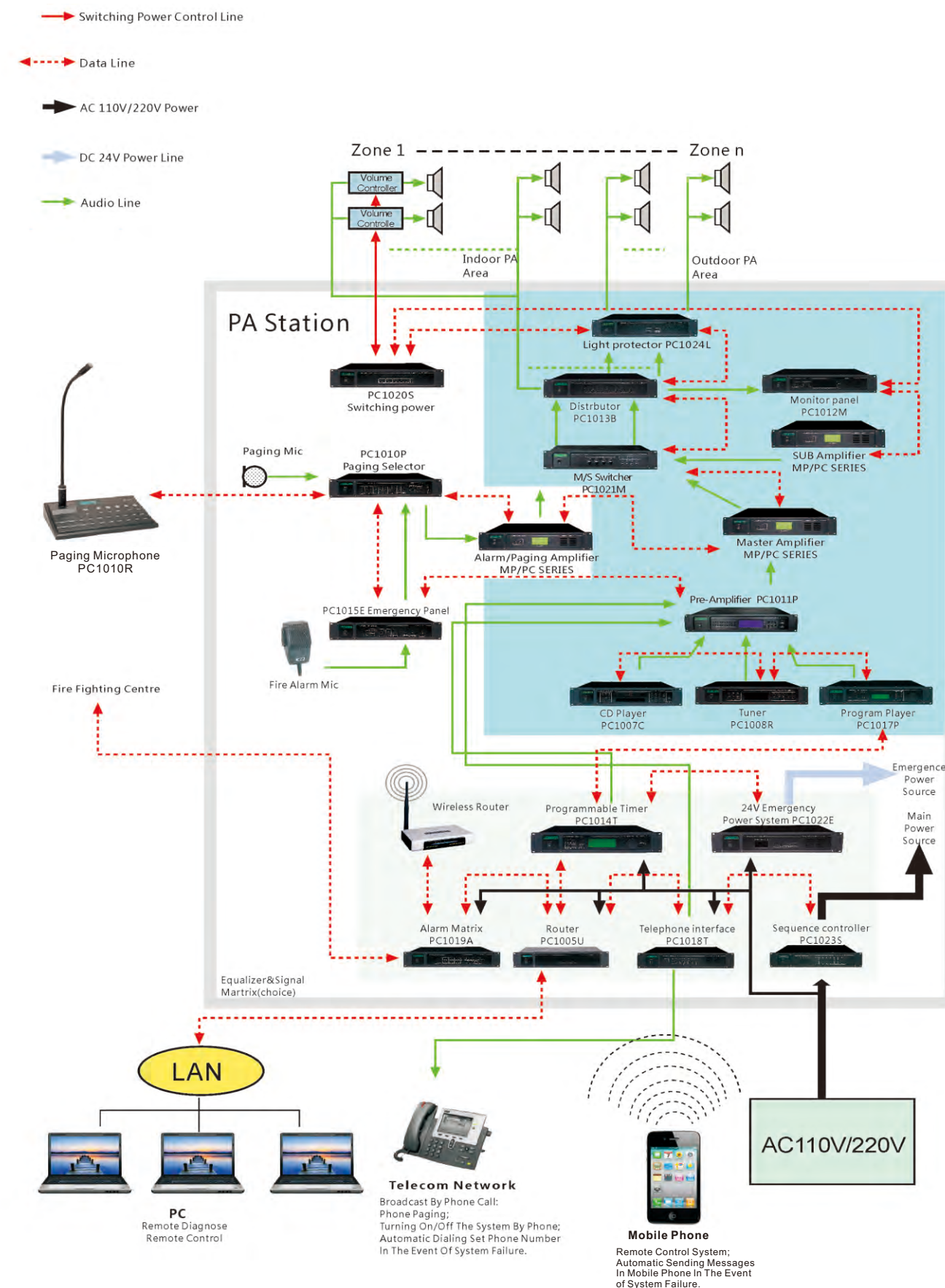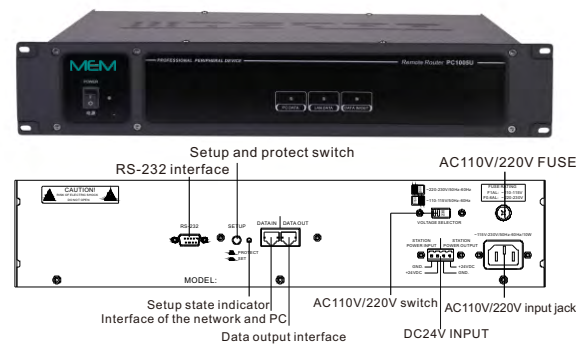
● Support unattended

● Partition management, support public emergency broadcast forcibly inserted into the partition

● Support remote paging station, the paging broadcast forcibly inserted into the partition

● Run automatic monitoring, information is displayed on the screen, the fault alarms will be sent by SMS group automatically

● Supports multi-system cascade, parallel operation, easy to expand

● To adapt international 110V/220V grid, compatible with 24V standby power

● Leading research and development, complete certifications and inspections, and the standard management

Switching Power Control Line
Data Line
AC 110V/220V Power
DC 24V Power Line
Audio Line

Zone 1 ————————— Zone n

Indoor PA Area   Outdoor PA Area

PA Station

Light protector PC1024L

PC1020S Switching power

Distrbutor PC1013B

Monitor panel PC1012M

Paging Mic   PC1010P Paging Selector

M/S Switcher PC1021M

SUB Amplifier MP/PC SERIES

Paging Microphone PC1010R

Alarm/Paging Amplifier MP/PC SERIES

Master Amplifier MP/PC SERIES

PC1015E Emergency Panel

Pre-Amplifier PC1011P

Fire Fighting Centre

Fire Alarm Mic

CD Player PC1007C

Tuner PC1008R

Program Player PC1017P

Emergence Power Source

Main Power Source

Wireless Router

Programmable Timer PC1014T

24V Emergency Power System PC1022E

Alarm Matrix PC1019A

Router PC1005U

Telephone interface PC1018T

Sequence controller PC1023S

Equalizer&Signal Martrix(choice)

LAN

AC110V/220V

PC
Remote Diagnose
Remote Control

Telecom Network
Broadcast By Phone Call:
Phone Paging;
Turning On/Off The System By Phone;
Automatic Dialing Set Phone Number
In The Event Of System Failure.

Mobile Phone
Remote Control System;
Automatic Sending Messages
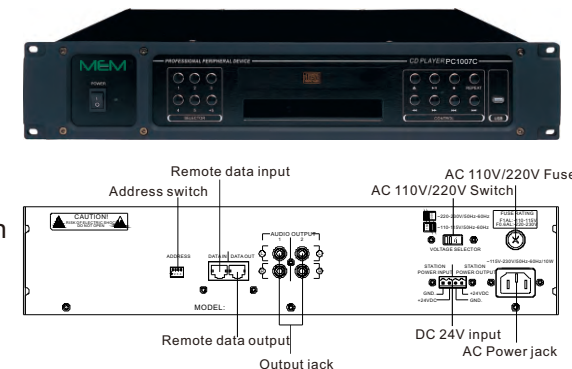In Mobile Phone In The Event
of System Failure.

PC1005U
PA System Remote Router
Features:

- Providing the router function of the peripheral
- With RS-232 interface to connect with the PC
- Providing the router function of the peripheral and the PC
- With network interface to connect with the PC through the LAN or INTERNET
- Connecting with 127 equipments at one time available
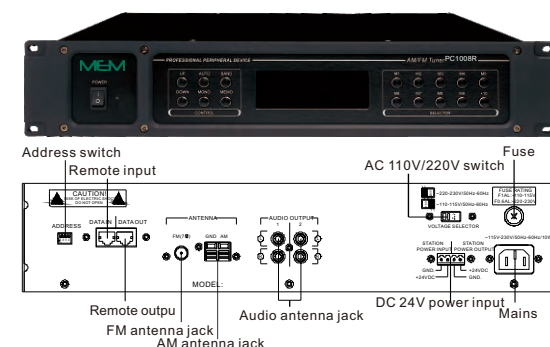- Accept AC110V/AC220V/DC24V

Setup and protect switch
RS-232 interface
AC110V/220V FUSE
Setup state indicator
Interface of the network and PC
MODEL:
AC110V/220V switch
AC110V/220V input jack
Data output interface
DC24V INPUT

PC1007C
CD/MP3 Player
Features:

- DVD/CD player function, USB input available
- VFD display
- Able to select song or paragraph for play, and will play automatically in order after being powered on
- Remote control by PC available
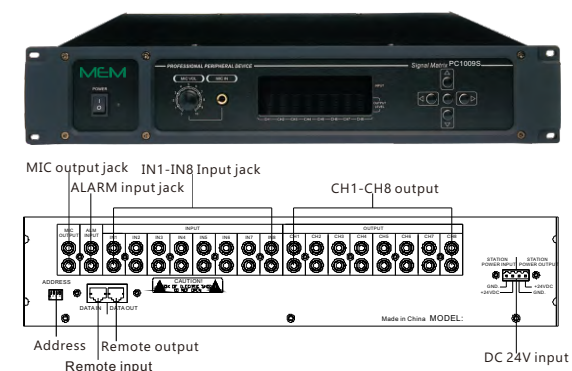- Programmed control by PC1014T

Remote data input
Address switch
AC 110V/220V Fuse
AC 110V/220V Switch
AUDIO OUTPUT
MODEL:
Remote data output
Output jack
DC 24V input
AC Power jack

PC1008R
AM/FM TUNER
Features:

- Digital tuner with MPU control
- Touch key and VFD display
- 40 memories for each AM & FM
- Auto saves with auto station search Automatically
- Level meter for audio output
- Memory function after power dropped
- Programmable controlled by PC1014T available
- Accept AC110V/AC220V/DC24V power supply

Address switch
Remote input
AC 110V/220V switch
Fuse
ANTENNA
AUDIO OUTPUT
MODEL:
Remote outpu
FM antenna jack
AM antenna jack
Audio antenna jack
DC 24V power input
Mains

PC1009S
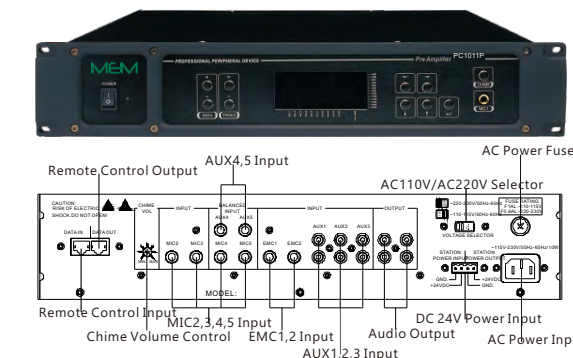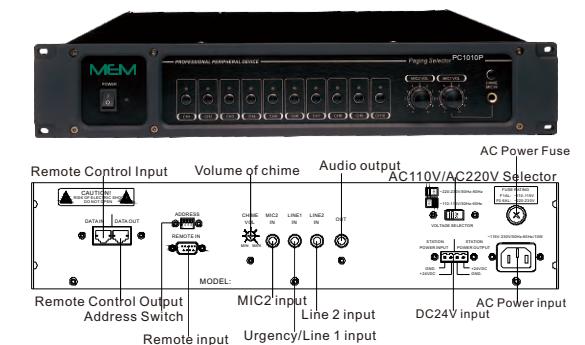### 8 Input 8 Output Signal Matrix
Features:

- One microphone amplifier
- Input channels level indicator
- Outputs level indicator
- Signal matrix (one ALM input, one REMOTE input and 8CH inputs 8CH outputs)
- LAN or INTERNET
- Linkage available.the channel will be switched to ALM input automatically while alarming

MIC output jack
IN1-IN8 Input jack
ALARM input jack
CH1-CH8 output
INPUT
OUTPUT
Made in China MODEL:
Address
Remote output
Remote input
DC 24V input

PC1010P
10 Channels Paging Selector
Features:

- Micro computer chip control soft-touch button
- 10 Channels for paging or alarm signal broadcasting
- Alarm activating,remote control available
- 2 MIC inputs, 2 line inputs
- Led indicator for each paging channel
- Built-in chime & mute function
- Remote controlled by PC

Remote Control Input   Volume of chime   Audio output
AC Power Fuse
AC110V/AC220V Selector
MODEL:
Remote Control Output
Address Switch
MIC2 input
Line 2 input
AC Power input
Remote input
Urgency/Line 1 input
DC24V input

PC1011P
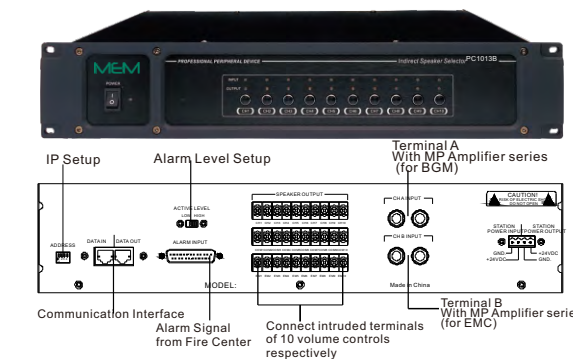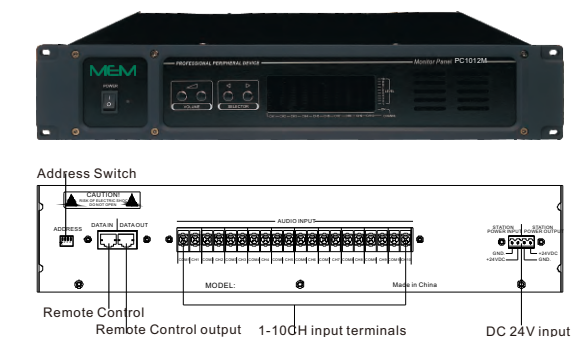### 10 Inputs Touch Panel Preamplifier
Features:

- 5 Mic input, 5 aux line input
- 2 EMC output, 2 audio output
- Individual volume control
- Bass and Treble tone control
- A five-element LED level meter is provided for quick and easy visual monitoring of output level
- Manual chime out

Remote Control Output   AUX4,5 Input
AC Power Fuse
AC110V/AC220V Selector
INPUT   BALANCE   INPUT   OUTPUT
MODEL:
Remote Control Input
Chime Volume Control
MIC2,3,4,5 Input
EMC1,2 Input
AUX1,2,3 Input
Audio Output
DC 24V Power Input
AC Power Input

PC1012M
10 Channels Monitor Panel
Features:

- 10-channel inputs
- Individual Volume control
- A five-element LED level meter is provided
- Built-in monitor speaker
- Can connect to 8 equipments via the address setting
- Remote controlled by PC available

Address Switch
AUDIO INPUT
MODEL:
Made in China
Remote Control
Remote Control output
1-10CH input terminals
DC 24V input

PC1013B
Indirect Speaker Selector
Features:

- 2CH inputs(A&B), 10CH outputs
- High/Low input alarm level available
- Clear alarm indicator and output signal indicator
- With communication interface
- AC110V/220V and DC24V available
- Up to 5 sets of PC1013B can be linked for us

IP Setup
Alarm Level Setup
Terminal A
With MP Amplifier series (for BGM)
ALARM INPUT
MODEL:
Communication Interface
Alarm Signal from Fire Center
Connect intruded terminals of 10 volume controls respectively
Terminal B
With MP Amplifier series (for EMC)

PC1013D
Indirect Speaker Selector
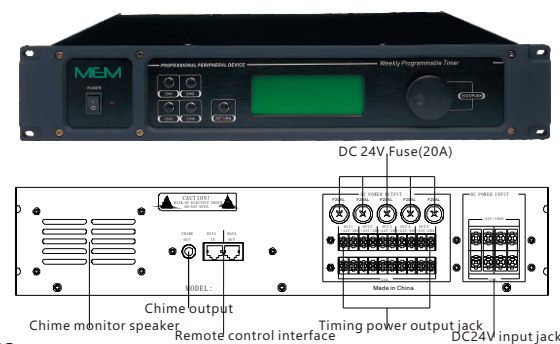**Features:**

- Soft-touch and PC control
- 1-4 BGM inputs,1alarm input,10CH outputs
- 2 alarm level inputs choose
- With forced insertion function
- Alarm indicator and output indicator
- Memory function
- Can be controlled by remote controller,timer and computer

Alarm level present
Address switch Input setting Power Amp. 1-4/PC series for BGM
worker Voltage switch
AC220V power fuse
Alarm signal from the Fire Alarm Center
MODEL:
Remote-control output port 10 speaker output DC24V power input and DC24V power link output port
Remote-control input port Emergency broadcasting PC Series Amp AC220V/AC110V

PC1017PII
Digital Recorder
Features:

- Micro computer chip control, soft-touch button
- LCD screen dispiay
- Jog-Dial control, graphical interfaces and multi-level menu for use adjustment
- 2 Record MIC,1 record input ,dual stereo output
- Can match to remote control or connected to the programmable Timer
- Connect with USB FLASH DISK,can play the music in it or copy it to play

Remote-control data input port AC 110V/220V selection switch
MODEL:
Remote-control data output port DC24V power input socket
Audio recording signal input port Network cable interface AC power inle
Audio signal output port AC fuse holder

PC1014T
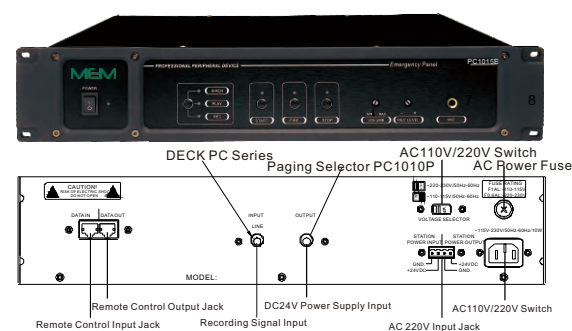### PC-Link System Program Timing Player
Features:

- LCD screen display
- Jog-Dial Control, graphical interfaces and multi-level menu for use adjustment, it is a really easy access device without the complexity of personal knowledge
- Micro computer chip control, light-touch button
- Can control external CD/Radio/Cassette Player etc

DC 24V Fuse(20A)
MODEL:
Chime output
Chime monitor speaker Remote control interface Timing power output jack DC24V input jack

PC1018T
Telephone Interface
Features:

- Micro computer chip control, light-touch button
- Automatic phone call transfer
- Telephone conference function available
- Offer the activation signal to other equipment when transferring the call
- Change the pass word by extension interface Remote control by PC

Inner MIC AC110V/220V Selector
MODEL:
Remote control output Line in 24V DC input
Remote control input Telephone in Audio signal output AC Power input
Extension interface AC Power Fuse
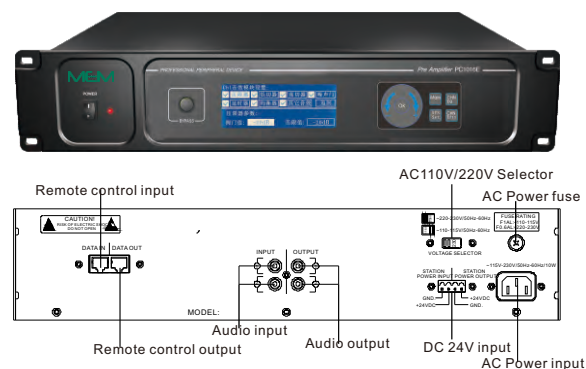
PC1015E
PA System Emergency Panel
Features:

- Micro computer chip control,soft-touch button
- Alarm triggering and siren or recorded signal output
- Built-in I-minute digital recorded program, REC/Play
- Remote Controlled by PC

DECK PC Series AC110V/220V Switch
Paging Selector PC1010P AC Power Fuse
MODEL:
Remote Control Output Jack DC24V Power Supply Input
Remote Control Input Jack Recording Signal Input AC110V/220V Switch
AC 220V Input Jack

PC1019A
Alarm Matrix
Features:

- Intellect Interface between P.A. system and survey center
- Auto Activates emergency broadcasting while alarm
- Extension functions up to 120 channels available
- Programmable for valid alarm level setting and for more neighboring areas activating at the same time
- Remote control by PC

Contiguous Up
Remote control input Input logic preset switch
Address Switch
MODEL:
Remote control output Alarm signal input control link interface
Contiguous Down Alarm signal link out DC24V power interface
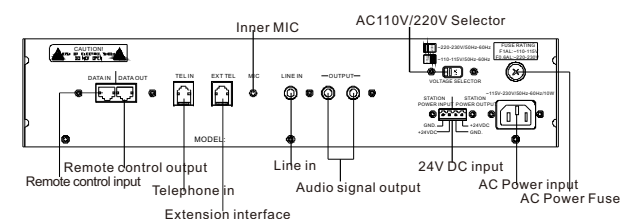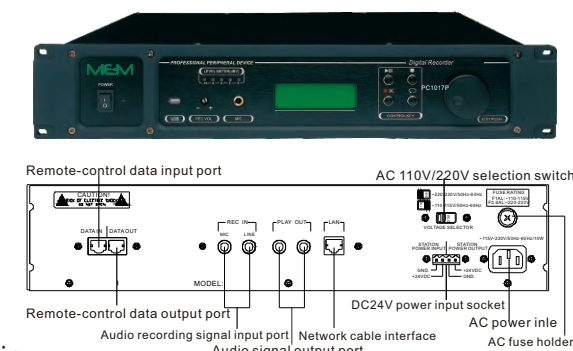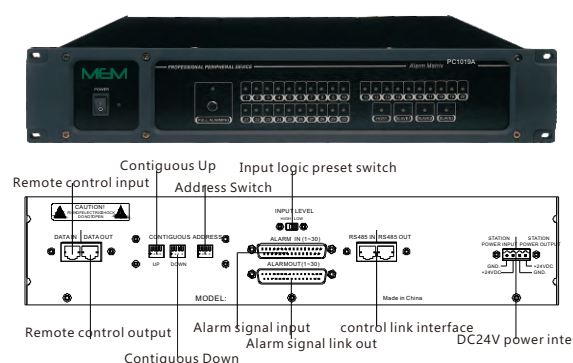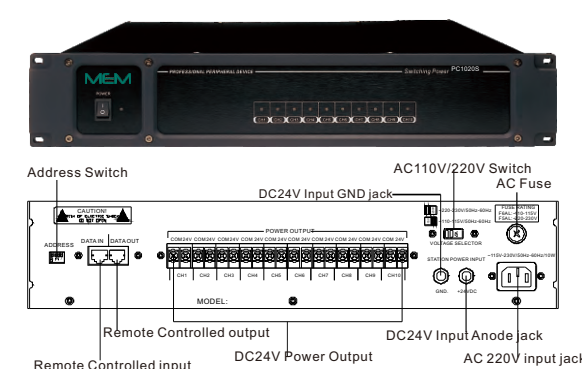
PC1016E
Equalizer/Compressor
Features:

- 14 bars display for frequency zones, each zone is modifiable individually
- Bypass/ equilibria function
- equalizer, Compressor together with Noise gate.
- 5 locations for EQ pattern memory
- Remote controlled by PC

Remote control input AC110V/220V Selector
AC Power fuse
MODEL:
Audio input
Remote control output Audio output DC 24V input
AC Power input

PC1020S
Switching Power
Features:

- 10 LED show the output status of the 10 DC24V power outputs which is touched off by the network alarm
- The 10 DC24V power outputs which are touched off by the network alarm can be used to drive the switching system
- Can reach to 8 equipments continue connection via the address setting
- Remote controlled by PC available

Address Switch AC110V/220V Switch
AC Fuse
DC24V Input GND jack
MODEL:
Remote Controlled output DC24V Input Anode jack
Remote Controlled input DC24V Power Output AC 220V input jack

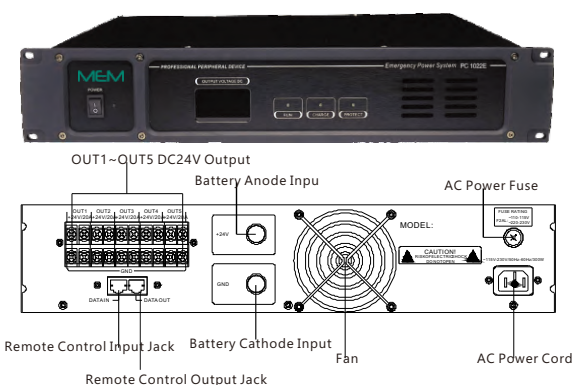## PC1021M
M/S AMP.Auto Switcher
Features:

● Automatically switch while fault

● 4 individual channels with
   AUTO CHECKING & SWITCHING function

● Status indicator

● Remote control

● DC24V spare power supply

Main Amp To speaker
Sub Amp
AC fuse

Remote control output
Remote control input
AC220/AC110V Selector switch
DC24V Input jack AC power code
MODEL:

PC1022E
Emergency Power System
Features:

● Not less than 2 kW Maximum Output

● At least 1 hour support for 1kw devices

● Built-in accumulator charger, suitable
   for AC110V-AC220V

● With over-charge and over-discharge protection

● Digital battery voltmeter, real time displaying
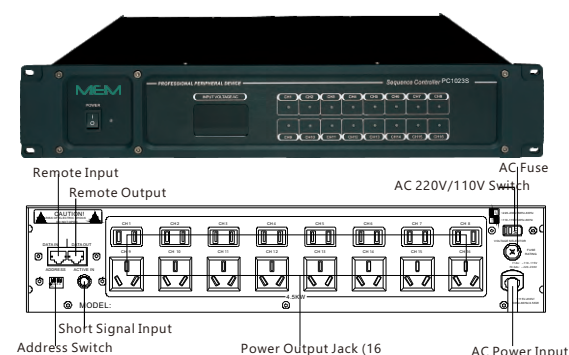   battery voltage

OUT1~OUT5 DC24V Output
Battery Anode Inpu
AC Power Fuse
MODEL:
CAUTION!

Remote Control Input Jack Battery Cathode Input
Fan AC Power Cord
Remote Control Output Jack

PC1023S
Sequence Controller
Features:

● Sequentially switching power supply for 16
   channels

● Auto controlled by a timer or manual operates

● 4.5kVA of capacity available
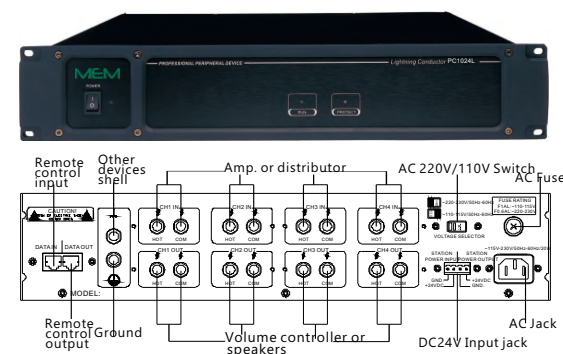
● Voltage display

● Remote controlled by PC available

Remote Input
Remote Output
AC Fuse
AC 220V/110V Switch
MODEL:
Short Signal Input
Address Switch Power Output Jack (16 AC Power Input

PC1024L
Lightning Conductor
Features:

● Lightning protect, over voltage protect,
   creepage protect for public address system

● 4 channels input/output

● Status indicator visually

● Remote controlled available
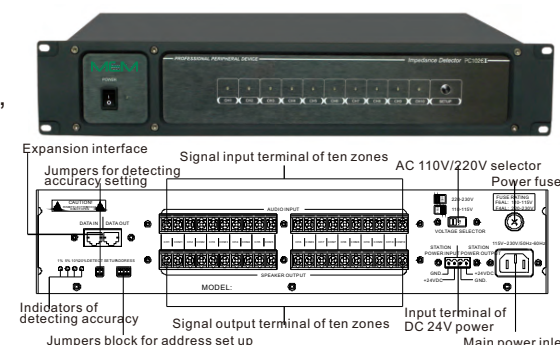
● AC220V, AC110V and DC24V voltage selected

Remote Other
control devices
input shell
Amp. or distributor AC 220V/110V Switch
AC Fuse
MODEL:
Remote Ground
control
output
Volume controller or
speakers
AC Jack
DC24V Input jack

PC1016I
Impedance Detector
Features:

● The accuracy of detection is optional, i.e., 2%, 5%,

● 10% and 20% respectively

● The accuracy value can be setup through the
   jumpers

● The maximum power capacity for each audio input
   and speaker output is 500W

● The detection time for each circuit is less than or
   equal to 300ms

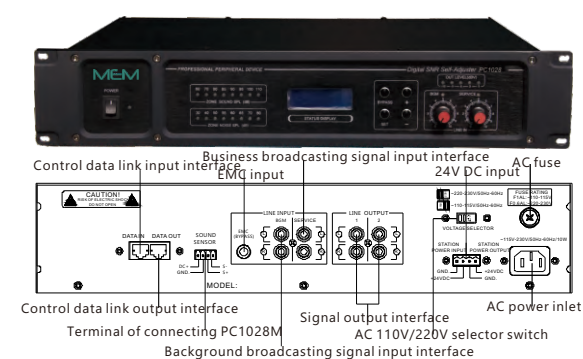● The detection results can be displayed by three-color
   LED in real-time

Expansion interface
Jumpers for detecting Signal input terminal of ten zones AC 110V/220V selector
accuracy setting Power fuse
MODEL:
Indicators of
detecting accuracy Signal output terminal of ten zones Input terminal of
DC 24V power
Jumpers block for address set up Main power inlet

PC1028D
Digital SNR Self-Adjuster
Features:

● Automatic identification of sound pressure level
   of on-site noise and the broadcast program

● Automatic adjustment of the output volume according
   to the change of on-site noise, and maintenance of
   the signal-to-noise ratio at setting value

● Detailed LED indication and LCD display on the
   front panel

Business broadcasting signal input interface
Control data link input interface EMG AC fuse
EMG input 24V DC input
CAUTION!
DATA-IN DATA-OUT
MODEL:
Control data link output interface Signal output interface AC power inlet
Terminal of connecting PC1028M AC 110V/220V selector switch
Background broadcasting signal input interface

PC1700/PC2200/PC2700
Power Amplifier
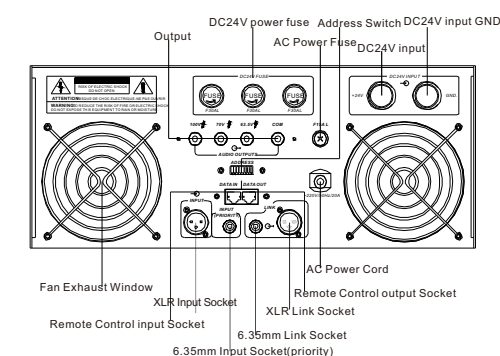**Features:**

● Transformers isolated 100V,70V,and 4 Ohms
   speaker outputs(balanced,no ground)

● LCD display,clear status indication

● XLR sockets and 6.3mm jack for additional mixer or
   amplifier link

● Output short circuit protection&alarm

● Provide data communication with PC10 series rack
   system, allow remote control through software

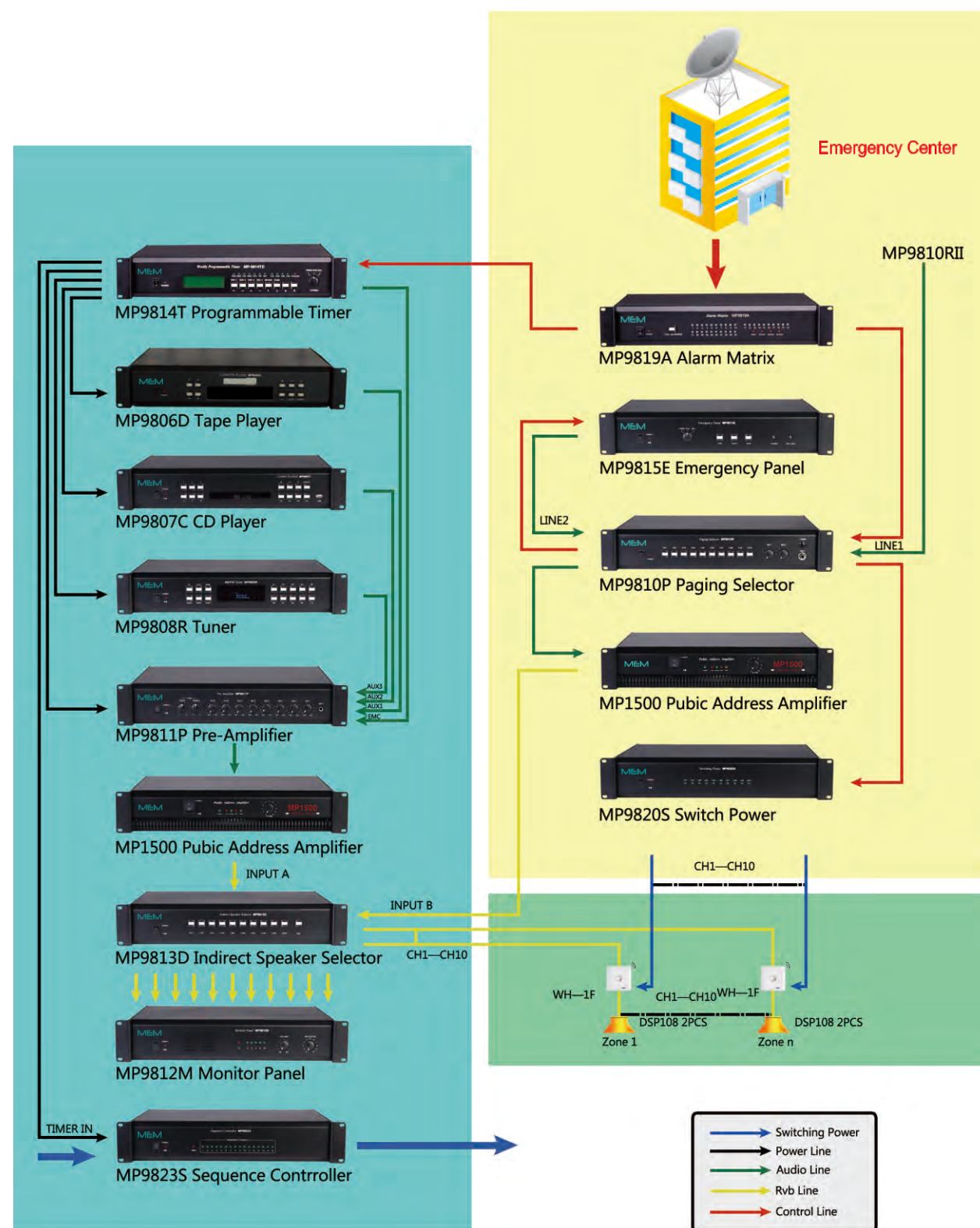● Series amplifiers of high output power available

PC3200/PC3700/PC4200
Power Amplifier

Output DC24V power fuse Address Switch DC24V input GND
AC Power Fuse DC24V input

Fan Exhaust Window AC Power Cord
XLR Input Socket Remote Control output Socket
Remote Control input Socket XLR Link Socket
6.35mm Link Socket
6.35mm Input Socket(priority)

Emergency Center

MP9810RII

MP9819A Alarm Matrix

MP9815E Emergency Panel

LINE2   LINE1

MP9810P Paging Selector

MP1500 Pubic Address Amplifier

MP9820S Switch Power

MP9814T Programmable Timer

MP9806D Tape Player

MP9807C CD Player

MP9808R Tuner

AUTO
MOV
AUXE
EMC

MP9811P Pre-Amplifier

MP1500 Pubic Address Amplifier

INPUT A   INPUT B

CH1—CH10

MP9813D Indirect Speaker Selector   CH1—CH10

MP9812M Monitor Panel

TIMER IN

MP9823S Sequence Contrroller

CH1—CH10

WH—1F   CH1—CH10 WH—1F
                  DSP108 2PCS   DSP108 2PCS
         Zone 1   Zone n

|	
→	Switching Power
→	Power Line
→	Audio Line
→	Rvb Line
→	Control Line

MP98 Series

Features:

● The classical intelligent PA system with advantage technology and most powerful function

● Auto running by timing program, auto M/S amplifier switching, fault auto alarming, support unattended operation

● Support zoning management

● Support matrix zoning, different sources for different zones

● Support zoning override emergency broadcast

● Auto trigger involved zone for emergency broadcast by preset

● Activate built-in recorded signal for broadcasting automatically

● Support remote call station, zoning override paging broadcast

● Support telephone broadcast and telephone conference
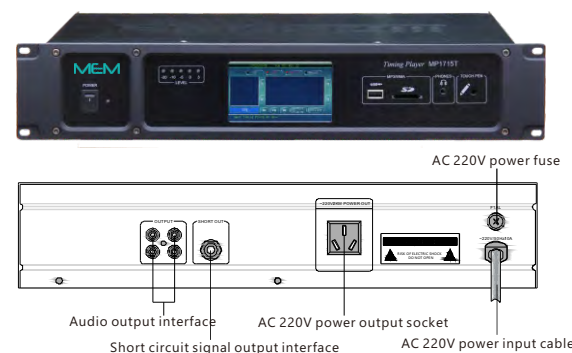
MP1715T
### PA System Program Timing Player
Features:

- 4.3" TFT colorful liquid crystal touch screen
- Editing of 8 timing programs
- 100 timing points in a daily program
- A route of AC 220V 2000W power output socket with the function of timing on-off
- The function of turn on the power of the equipment within 1-60 seconds (time settable)

AC 220V power fuse
Audio output interface   AC 220V power output socket
Short circuit signal output interface   AC 220V power input cable

MP9807C
PA System MP3 CD/ VCD/DVD Player
Features:

- CD/MP3/MP4/VCD/DVD player
- VFD display
- Can select any song or any paragraph for play
- After the POWER ON it will play in order automatically

AC power cord
Output jack   AC fuse
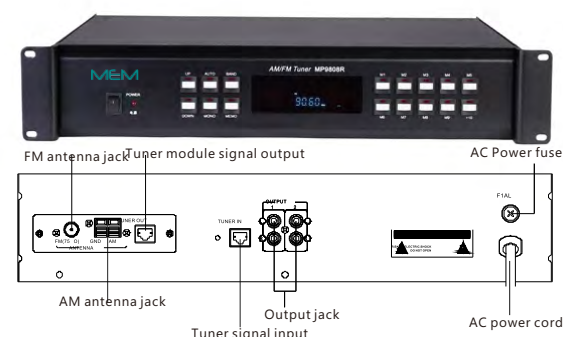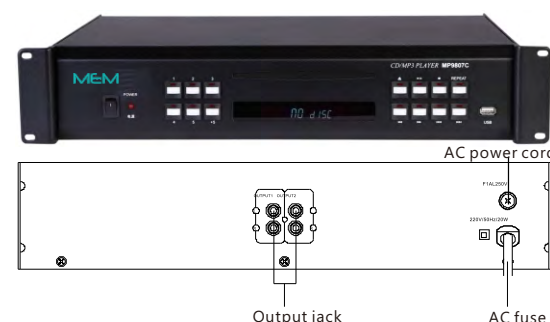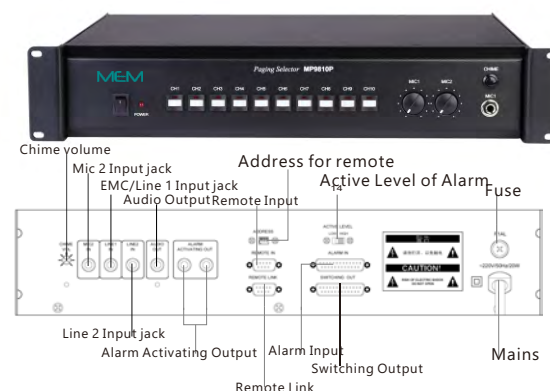
MP9808R
PA System Digital AM/FM Tuner
Features:

- Digital tuner with MPU control.VFD display
- Touch key and VFD display
- 40 memories for each AM & FM
- Auto save with auto station search
- Level meter for audio output
- Memory function after power off
- Tuner in module design, which can be separated from

FM antenna jack   Tuner module signal output   AC Power fuse
AM antenna jack
Tuner signal input   Output jack   AC power cord

MP9810P
10 Channels Paging Selector
Features:

- 10 Channels for paging or alarm signal broadcasting
- 2 MIC inputs, 2 line inputs
- LED indicator for each paging channel
- Built-in chime & mute function
- Controlled by remote paging set

Chime volume
Mic 2 Input jack
EMC/Line 1 Input jack
Audio Output Remote Input   Active Level of Alarm   Address for remote   Fuse
Line 2 Input jack
Alarm Activating Output   Alarm Input   Switching Output   Mains
Remote Link

MP9811P
5 Mic 3 Aux Input Preamplifier
Features:

- 10 inputs (5 microphone inputs, 3 auxiliary inputs, 2 emergency inputs) and 2 outputs
- Individual input volume control and master tone control
- LED level indicate for each channel
- Built-in chime and muting function
- Bass and Treble tone control

AC FUSE
MIC 2, 3, 4, 5 inputs   EMC 1, 2 inputs   OUTPUT jacks   AC power cord
AUX 1, 2, 3 inputs
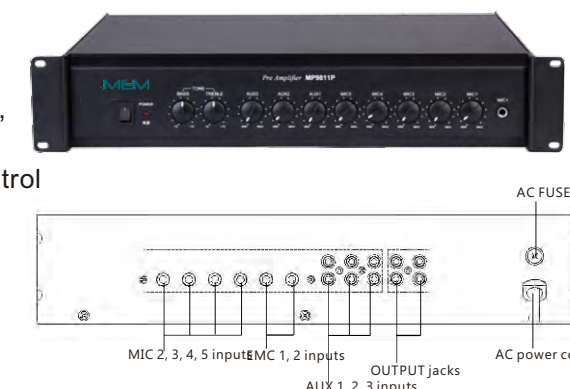
MP9812M
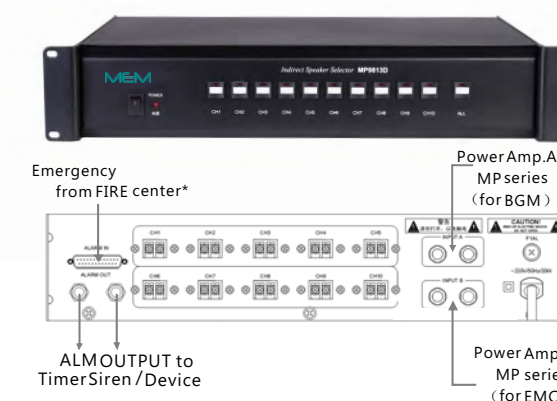### 10 Channels Monitor Panel
Features:

- 10-channel inputs
- Individual Volume control
- A five-element LED level meter is provided
- Built-in monitor speaker
- Friendly control panel, easy foe use

1-10CH input terminals   AC power cord   AC fuse

MP9813D
10 Channels Indirect Speaker Selector
Features:

- 2CH inputs, 10CH outputs
- All call button
- Friendly panel, easy for use
- The channel will be switched to input B automatically while alarming

Emergency from FIRE center*
Power Amp. A MP series （for BGM）
ALM OUTPUT to Timer Siren / Device
Power Amp. B MP series （for EMC）

MP9815E
PA System Emergency
Features:

- 1 minutes digital REC / PLAY IC
- Record Level control
- Output volume control
- Friendly control panel, easy for use
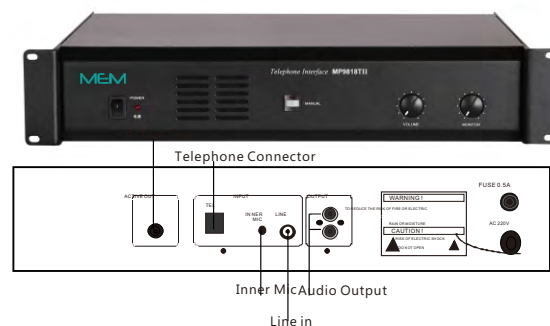- Alarm triggering and siren or recorded signal output

for alarming
DECK MP9806   PreAmp MP9811P
emergency

MP9818T
PA System Telephone Interface
Features:
- Pickup and hold a phone-call automatically while it comes in
- Auto hang up
- Friendly control panel, easy for use

Telephone Connector

FUSE 0.5A
AC 220V

Inner Mic Audio Output
Line in

MP9822E
Emergency Power System
Features:
- Max output 3KW
- Support time up to 3 H for 1kW amplifier
- Charger with protective function inside
- Alarm activating

DC Fuse   AC Fuse   Power Output

Battery Input   Mains   Active Level Selector   Alarm In
Alarm Out

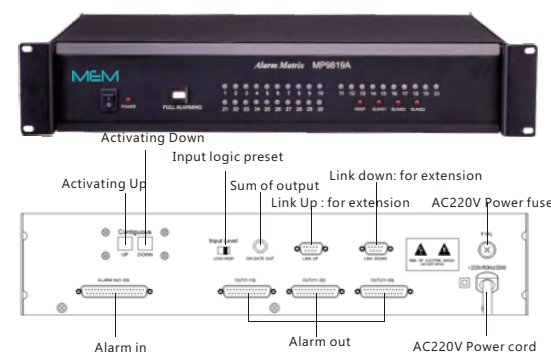## MP9819A
Alarm Matrix
Features:
- Intellect interface between PA system and survey center
- Auto activates emergency broadcasting while alarm
- Up to 30 zones activation for one unit, each one with max, 4 involved zons
- Extension function up to 120 channels to be control
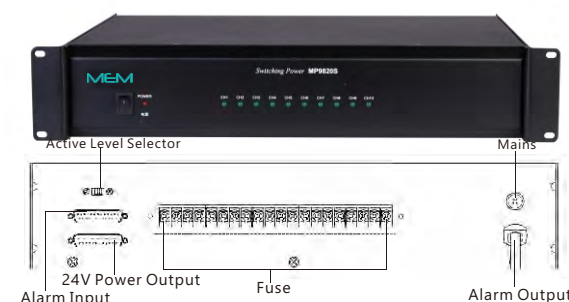- Programmable for more areas activating at the same time

Activating Down
Input logic preset
Activating Up   Sum of output   Link down: for extension
Link Up : for extension   AC220V Power fuse

Alarm in   Alarm out   AC220V Power cord

MP9823S
PA System Sequence Controller
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

Timer Input

Power supply outlet   Legend for the pins of outlet   Fuse
Power Cable

MP9820S
PA System 10-channel Switching Power
Features:
- 10CH alarm inputcomes in
- 10CH alarm link output
- 10CH DC 24V power switching outputs
- Friendly control panel, easy for use

Active Level Selector   Mains

24V Power Output   Fuse   Alarm Output
Alarm Input

MP1500/MP2000/MP2500/MP3000/MP3500/MP4000
MP98 Series Power Amplifier
Features:
- 100V/70V and 4-16 ohms speaker output
- Rated power: 350W/450W/650W/1000W/1500W/2000W
- 5 LED indicator for status display
- XLR socket and 6.3mm jack for additional mixer or amplifier
- Short-circuit, over-current, over-load, over-heat warning and protection,distortion indication

70V output
fan intake window   COM. output 100V output
4-16 output   120V AC fuse
XLR link
MPre-amp.   XLR input   120V AC power cord
MP9811PP9811P   6.35mm socket input 6.35mm socket link   Another Amp. MP series
P1output (MP4000:89.5V)
fan intake window   70V output(MP4000:100V)   120V AC fuse
100V output(MP4000:200V)   COM. output
XLR input 6.35mm socket link   XLR link
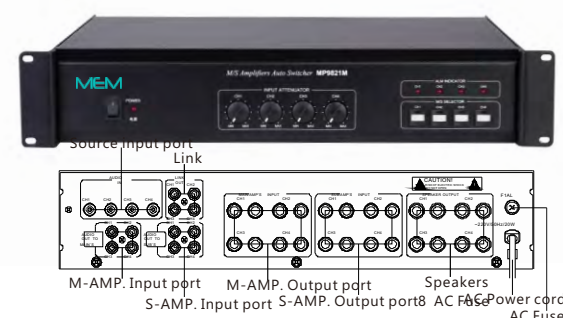6.35mm socket input   AC power cord
6.35mm socket link

MP9821M
M&S Amplifier Auto Switcher
Features:
- Switching M/S Amplifiers automatically when one becomes fail comes in
- 4 individual channels with function
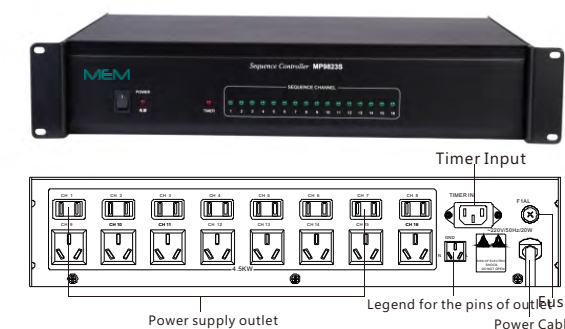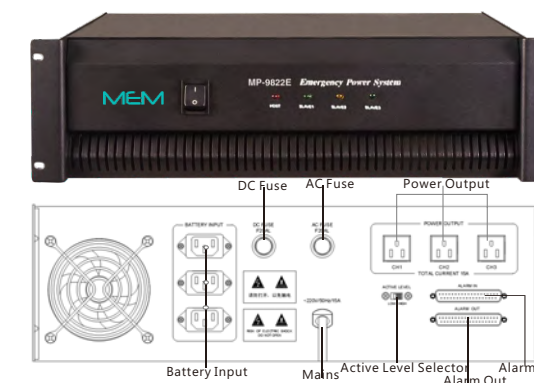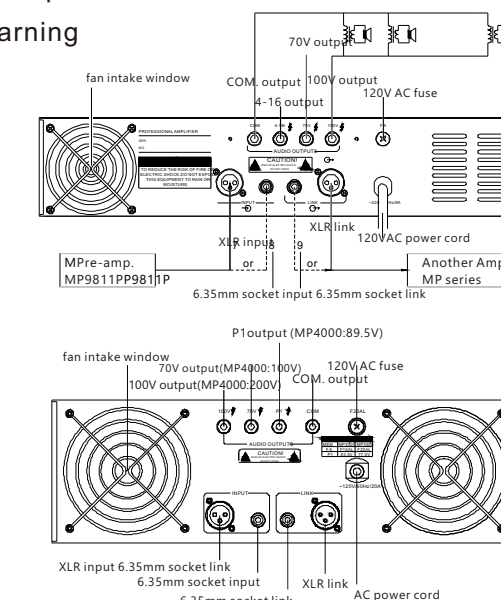- Manual switching function available
- Status indicator visually

Source Input port
Link
M-AMP. Input port   M-AMP. Output port   Speakers   AC Power cord
S-AMP. Input port   S-AMP. Output port8 AC Fuse   AC Fuse

EN54

EN 54 Standards

The EN 54 Fire detection and fire alarm system is a mandatory standard of European Union market that specifies requirements and laboratory test for every component of fire detection and fire alarm system.

The standard developed and approved by European Committee for Standardization (CEN, French: Comité Européen de Normalisation). It came into force in April 2011. It has been widely recognized around the world. Three sections regarding to Voice Evacuation Systems in the standard:

EN 54-4

EN 54-4: Power supply equipment
An uninterrupted monitored power supply system is crucial for this type of system, guaranteeing system availability at all times. Some of the characteristics that have to be fulfilled:
● Monitoring and detecting faults in batteries
● Protecting against surge
● Protection against over discharge

EN 54-16

EN 54-16: Voice alarm control and indicating equipment
Requirements that the control system must fulfill as well as the tests that have to be undertaken. Some of the characteristics that have to be fulfilled:
● Immediate availability. It must be able to send warning message 10 seconds after applying electric power supply
● Immediate response. Less than 3 seconds after an alarm is set off
● Supervision of the critical signal route: the alarm system link, the PA system, th amplifiersand the loudspeaker lines. This supervision must not interfere with the normal operation of the system and must be supervised at least every 100 seconds
● Status indication and fault monitoring
● On some occasions a back-up amplifier is compulsory in case there is a problem with one of them

EN 54-24

EN 54-24: Voice alarms – Loudspeakers
● This establishes the requirements that must be fulfilled by the loudspeakers within emergency
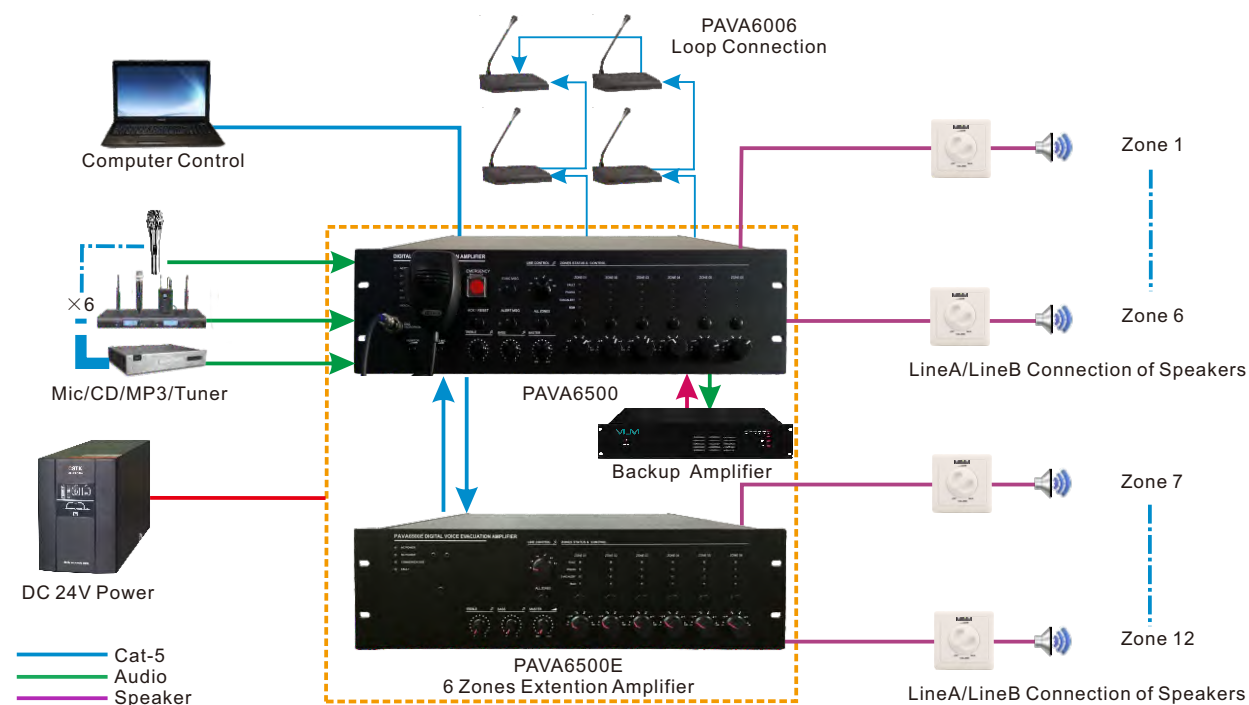evacuation systems. Some of the characteristics that have to be fulfilled:
● Ceramic connector to withstand high temperature
● Thermal fuse
● Fireproof dome
● Fireproof cables

Voice Evacuation System

The EN 54 Fire detection and fire alarm systems is a mandatory standard of European Union market that specifies requirements and laboratory test for every component of fire detection and fire alarm system.

The requirements related with voice evacuation system including EN54-4 (Power supply equipment), EN 54-16 (Voice alarm control and indicating equipment) and EN 54-24 (Voice alarm loudspeakers).

PAVA6000
Voice Evacuation System

Computer Control
PAVA6006 Loop Connection
Zone 1
×6
Mic/CD/MP3/Tuner
PAVA6500
Zone 6
LineA/LineB Connection of Speakers
Backup Amplifier
DC 24V Power
Zone 7
Cat-5
Audio
Speaker
PAVA6500E
6 Zones Extention Amplifier
Zone 12
LineA/LineB Connection of Speakers

Features:

● 6 to 120 zones control (by extender)
● Comply with EN54-16 standards
● Compact design with built-in amplifier
● Built-in SD card for voice message
● Support remote control and system diagnose via computer
● Auto detection for system failure speaker line / EMC Mic / Paging Mic, etc

Applications:

Venues of all sizes where voice evacuation is needed:
shopping mall, exhibition & convention center, star hotel, school, etc.

Voice Evacuation System

PAVA6240/PAVA6500
6 Zones Voice Evacuation System Host

Features:

- 6 zones control (extendable to 120 zones)
- Support remote paging microphone (up to 32 sets)
- Comply with EN54-16 requirements
- 6 zones AB speaker outputs with separate volume control
- Auto detect of system failure, speaker line, paging mic, etc.
- Built-in voice alarm message in SD (editable)

- Built-in 240W/500W digital amplifier
- 6 zones 24V override outputs
- 8 EMC dry contact inputs and outputs

PAVA6240E/PAVA6500E
6 Zones Voice Evacuation System Extender

Features:

- 6 zones individual control
- 8 EMC dry contact inputs and outputs
- Comply with EN54-16 requirements
- 6 zones AB speaker outputs with separate volume control
- Auto detect of system failure, speaker line, power supply, etc.

- Built-in 240W/500W digital amplifier
- 6 zones 24V override outputs

PAVA6006
Voice Evacuation System Remote Paging Station

Features:

- 12 zones individual control and group control
- System supports 32 remote microphones
- Support cascaded linkage and loop connection
- RJ45 port interface, working distance 600m
- One auxiliary input via 3.5mm jack
- Support communication line auto detection

EN54 Fireproof Speaker

DSP602EN   DSP3154EN   DSP3254EN   DSP3354EN

Ceramic terminal & thermal fuse   Plastic fireproof speaker dome   Steel Fireproof Speaker Dome

Features:

- The loudspeaker series DSP3054EN/DSP3154EN/DSP3254EN/DSP3345EN is specifically designed to meet the requirements of EN54-24 that is part of a series of norms concerning voice alarm evacuation in case of fire.

- The speaker's sound is strikingly qualitative in terms of intelligibility and it incorporates a speaker of 6" (16cm) in diameter with a high efficiency and good linearity in frequency response.

- Product with allmetal epoxy coatings and suitable for recessed installation in panels and ceilings. It canbe fitted with three fastening springs, for a sealed installation with panels of varying thickness. Minimal design, it easily fit into different architectural solutions.

- The speaker series is EN54-24:2008 compliant and it is then normalized for use in combination with fire detection systems.

- The housing of connecting cables is protected by a metal junction box, with cable gland PG16 for an optimal clamping of the cables, and finally the connection is made of two distinct ceramic connectors, one for the incoming cable and one for outgoing cable. The external connection of the lines is electrically coupled from the inner one by a safety thermal fuse.

Model	RMS Power	100V	Driver Units	Max SPL	Sensitivity	Freq. Response	Material	Installation	Dimension	Net Weight
DSP602EN	6W	1.5W-3W-6W	6.5"	97±2dB	90±2dB	90Hz-18KHz	Aluminum Mesh, Plastic Dome	Spring Clip	Φ190.5x102mm	1.0kg
DSP3154EN	10W	2.5W-5W-10W	6.5"	100±2dB	90±2dB	180Hz-16KHz	Aluminum Mesh, Steel Dome	Spring Clip	Φ200x100mm	1.04kg
DSP3254EN	10W	2.5W-5W-10W	6.5"	101.7±2dB	91.7±2dB	240Hz-20KHz	Steel Mesh, Steel Dome	Spring Clip	Φ211x141mm	1.6kg
DSP3354EN	10W	2.5W-5W-10W	6.5"	101.7±2dB	91.7±2dB	240Hz-20KHz	Steel Mesh, Steel Dome	Wall Mount	Φ211x141mm	1.8kg

MP1715T
PA System Program Timing Player

Features:

● Support MP3 playing from USB and SD

● Support timer playing of MP3 from SD

● 8 weekly timing programs of 100 pints

● 1 channel AUX output (4 RCA jacks)

● Support monitoring via 3.5mm phone jack

● 1 short circuit output and 1 AC power output

MAG2121I
PA System Speaker Selector & Line Checker

Features:

● 20 zones amplifier inputs, 20 zones speaker outputs

● LCD touch screen control with clear status display

● Each zone detection of short/open/over load/under load/

● Auto check of each zone at an appointed time

● Avoid checking zones that are working or short/over load

● Check range of each zone: 20Ω-1600Ω

● Support power off memory function

● Support AC and DC 24V working power

MAG2123S
PA System Sequence Controller

Features:

● Sequentially switching power supply for 10 channels

● Step time: 0.4S-0.5S

● Capacity: 4.5kVA（120V, 20A）

● Max output of each jack is 10A

● Digital screen display of voltage

● Short circuit input for power switching

MAG2122E
PA System Emergency Power Controller

Features:

● Auto switching to DC 24V power supply when AC power fails

● 5 channel of DC 24V power output

● Max output no less than 2kW（2000VA）

● Digital screen display of battery voltage

● Support devices of 1kw working more than one hour

● Built-in recharger, protection of over charge and over discharge

● Dimension: 484×349.5×88mm

● Net Weight: 6.5kg

PC1022B
PA System Battery Tank

Features:

● DC 24V output

● Battery capacity: 51AH

● Dimension: 484×435×175mm

● Net Weight: 45.7kg

CM10
Condenser Microphone with 2 Chimes

Features:
- Plug & play, easy to use
- Built-in 2 chimes as paging & speech notification
- Mic and chime output volume adjustable
- Output level switchable between 20mV and 600mV

CB100
PA System Emergency Microphone

Features:
- Plug & play, easy to use
- Output impedance: 600Ω
- Fireman Mic design, long-press and speaker
- For use with MEM PA System Consoles

Model	Sensitivity	Freq. Response	Power Supply	Dimension	Net Weight
CB100	>-74dB	250Hz-6000kHz	——	100x60x50	0.165kg

CM62
Condenser Microphone

Features:
- Plug & play, easy to use
- Wide frequency response: 60-18KHz
- Output impedance ≤ 200Ω

CM12
PA System Remote Paging Microphone

Features:
- 6 zones control
- Built-in 2 chimes as paging & speech notification
- Mic & chime output volume adjustable
- Rj45 interface, support cascaded linkage
- Long working distance: 400m
- Comply with MP812 Series and MP912 Series mixer amplifiers

EC200
Condenser Microphone

Features:
- Plug & play, easy to use
- Wide frequency response: 50-12KHz
- Output impedance ≤ 200Ω
- Power supply by amplifier

MP9810RII/PC1010R
PA System Remote Paging Microphone

Features:
- 100 zones control
- Built-in 2 chimes as paging & speech notification
- Mic & chime output volume adjustable
- One audio input and 1 audio output of 6.3mm interface
- Long working distance: 1000m
- MP9810RII: MP98 Series, MAG2120II/MAG2140II
- PC1010R: PC10 Series, MAG3210, MAG1116

Model	Sensitivity	Freq. Response	Power Supply	Dimension	Net Weight
CM10	20mV/600mV	100Hz-15kHz	AC Power	190x136x44mm	1.2kg
CM62	60mV	60Hz-18kHz	1.5V Battery	——	——
EC200	60mV	50Hz-12kHz	Amplifier	420x150x150mm	1.4kg

Model	Mic Sensitivity	Line Sensitivity	Mic Freq. Response	Line Freq. Response	Mic SNR	Line SNR	Dimension	Net Weight
CM12	10±2mV	2±0.1V	100Hz-15kHz	20Hz-20kHz	≥60dB	≥70dB	232x146x68mm	1.9kg
MP9810RII	5±1mV	1±0.1V	150Hz-15kHz	20Hz-20kHz	≥60dB	≥70dB	270x180x55mm	1.2kg
PC1010R	5±1mV	1±0.1V	150Hz-15kHz	20Hz-20kHz	≥60dB	≥70dB	270x180x55mm	1.2kg

WH-1/WH-1F   WH-2/WH-2F   WH-3II/WH-3FII

Model	Power	Extended Power	24V Forced Insertion	Program Selection	Wire Mode	Dimension	Net Weight
WH-1	6W	30W-60W-120W-200W	x	x	2, 3, 4	85x85x60mm	0.12kg
WH-1F	6W	30W-60W-120W-200W	v	x	2, 3, 4	85x85x60mm	0.13kg
WH-2	6W	30W-60W-120W-200W	x	v	2, 3, 4	85x85x60mm	0.15kg
WH-2F	6W	30W-60W-120W-200W	v	v	2, 3, 4	85x85x60mm	0.17kg
WH-3II	6W	——	x	x	2, 3, 4, 6	85x85x60mm	0.16kg
WH-3FII	6W	——	v	x	2, 3, 4, 6	85x85x60mm	0.18kg

WH-4/WH-4F   WH-5/WH-5F

Model	Power	Extended Power	24V Forced Insertion	Program Selection	Wire Mode	Dimension	Net Weight
WH-4	6W	30W-60W-120W-200W	x	x	2, 6	85x85x60mm	0.13kg
WH-4F	6W	30W-60W-120W-200W	v	x	2, 6	85x85x60mm	0.14kg
WH-5	6W	30W-60W-120W-200W	x	v	2, 6	85x85x60mm	0.17kg
WH-5F	6W	30W-60W-120W-200W	v	v	2, 6	85x85x60mm	0.18kg

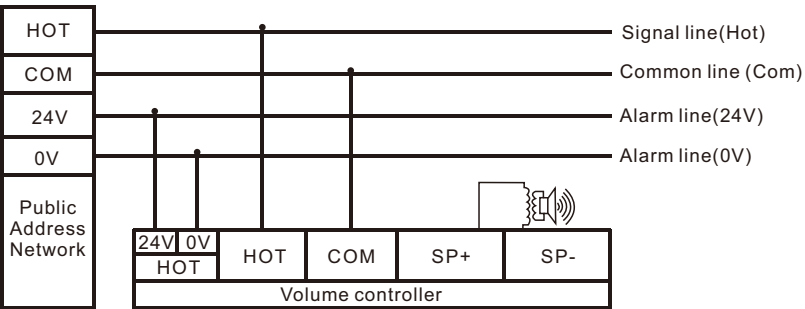- 2/3/4/6 wiring modes applicable
- The volume can be adjusted continuously

- **Two-wire connection**

  Plug all the jumpers on the board and do connection as the following diagram
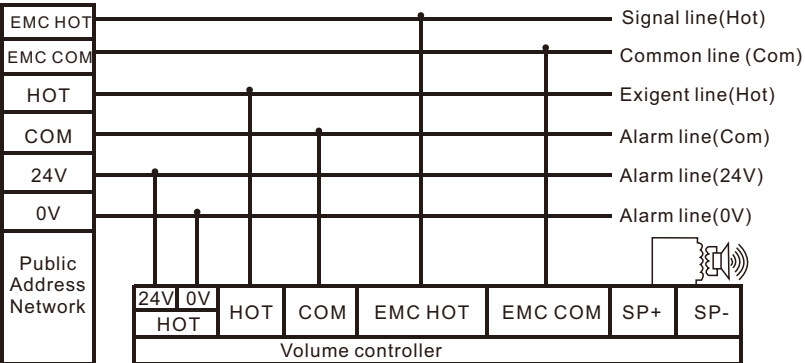
HOT — Signal line(Hot)
COM — Common line (Com)
Public Address Network
| HOT | COM | SP+ | SP- |
Volume controller
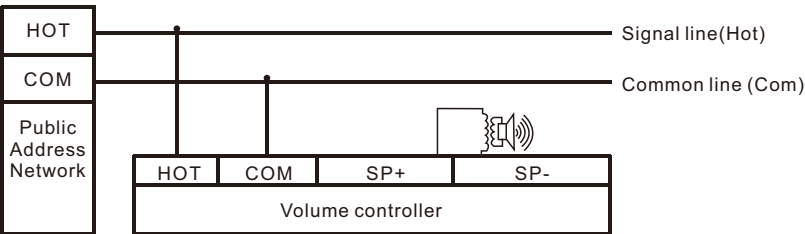
- **Three-wire connection**

  Unplug the jumper on the board and do connection as the following diagram

HOT — Signal line(Hot)
R — Roumd wire
COM — Common line (Com)
Public Address Network
| HOT | R | COM | SP+ | SP- |
Volume controller
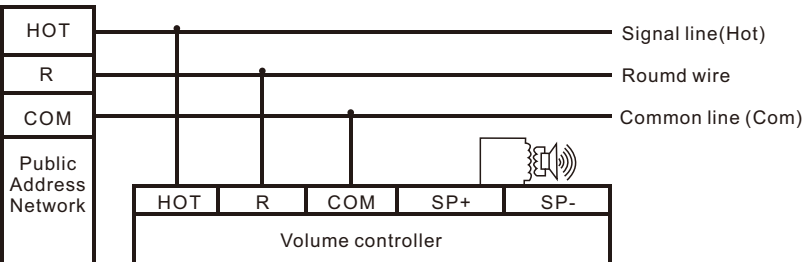
- **Four-wire connection**

  Plug all the jumpers from the board and do connection as the following diagram(Note: This connection applies only to WH-3F)

HOT — Signal line(Hot)
COM — Common line (Com)
24V — Alarm line(24V)
0V — Alarm line(0V)
Public Address Network
| 24V | 0V | HOT | COM | SP+ | SP- |
| HOT | | | | | |
Volume controller

- **Six-wire connection**

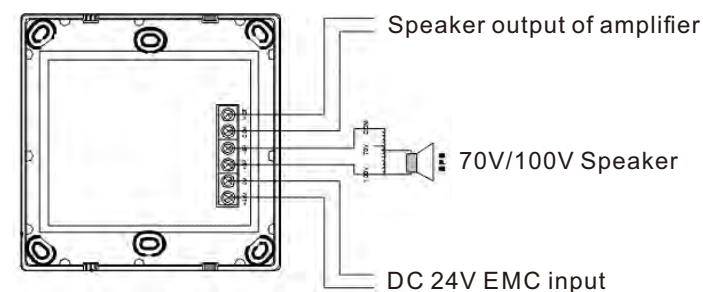 Unplug the jumper 1 and 2 from the board and plug the jumper 3 and then do connection as the following diagram

EMC HOT — Signal line(Hot)
EMC COM — Common line (Com)
HOT — Exigent line(Hot)
COM — Alarm line(Com)
24V — Alarm line(24V)
0V — Alarm line(0V)
Public Address Network
| 24V | 0V | HOT | COM | EMC HOT | EMC COM | SP+ | SP- |
| HOT | | | | | | | |
Volume controller

WH-706/WH-712

WH-706/WH-712

Speaker output of amplifier
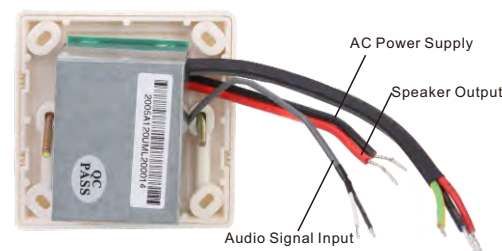
70V/100V Speaker

DC 24V EMC input

WH-706/WH-712
60W/120W Volume Controller with 24V Input

Features:

● Standard 86 case for in-wall installation

● Built-in transformer of 60W/120W

● 5-gear volume control

● With DC 24V EMC input function

AC Power Supply

Speaker Output

Audio Signal Input

MP2005A
Volume Controller with Built-in Amplifier

Features:

● Standard 86 case for in-wall installation

● Built-in amplifier of 5W/4Ω

● With power on/off gear and stepless volume control

Model	RMS Power	THD	SNR	Sensitivity	Freq. Responsee	Dimension	Net Weight
MP2005A	5W/4Ω	＜1%	＞70dB	300mV (10kΩ)	80Hz-18kHz	86x86x68mm	0.2kg

MP1105/MP1110/MP1115/MP1118
19" Audio Rack

Features:

● 19" standard design, suitable for all kinds of devices

● Detachable steel design, can support weight up to 500kg

● With 4 aluminum slots for mounting devices

● Optional casters under the base for mobility

● Easy assembly and convenient for moving

Model	Interior Size	Height	Color	Dimensin
MP1105	8U	0.5M	Blue/Black	526x535x485mm
MP1110	18U	1.0M	Blue/Black	970x535x485mm
MP1115	28U	1.5M	Blue/Black	1408x535x485mm
MP1118	38U	1.8M	Blue/Black	1850x535x485mm

MP20U/MP30U/MP40U
19" Audio Racks with Door and Fan

Features:

● 19" standard design, suitable for all kinds of devices

● Detachable steel design, can support weight up to 600kg

● With 4 aluminum slots for mounting devices

● Equipped with a toughened glass for front door

● Front & rear door with locks for security control

● With built-in electrical cooling fan (MP40U with 2 fans)

● Optional casters under the base for mobility

● Easy assembly and convenient for moving

Model	Interior Size	Height	Color	Dimensin
MP20U	20U	1.0M	Off-white	1108x576x630mm
MP30U	30U	1.5M	Off-white	1580x576x630mm
MP40U	40U	1.8M	Off-white	2000x576x630mm