

PRODUCT INFORMATION

DSPPA Profile

History of DSPPA

DSPPA Audio Co., Ltd. is the leading Public Address / Emergency Broadcast System manufacturer with 15 years designing and manufacturing experience. Starting as a professional organization in acoustic technology, DSPPA developed the first China-made DOLBY stereo Decoder and Intelligent Public Address System, the first touch-screen Intelligent PA System and Network Intercom PA System based on Internet application in the world. For the distribution to Chinese professional audio research, DSPPA has been awarded the membership of Chinese Institute of Electronics Audio Engineering Society, the membership of China Association of Recording Engineers. In 2005, DSPPA R&D and Production Center, which covers 30,000 square meters, is founded at Guangzhou. 300 workers and 50 technical staffs and engineers are working in it. This represents DSPPA is stepping into the new stage of development. Manufacture equipments include SMT component placer, wave soldering system. The production is complying with RoHs directive under the inspect of professional testing device.

Review of DSPPA products

DSPPA Public Address products are widely used in background music system, communication system, and security system. The product range cover more than 600 types, include public address equipments, amplifiers, column speakers, ceiling speakers, box speakers, MAG Intelligent public address system, ADR addressable public address system, Network public address system, and Intercom public address system. Besides the recognition of the importance of product design and development, DSPPA has devoted a lot in applying for product national and international certificates. Therefore, DSPPA public address products have obtained ISO9001:2000 Quality Management System Certificate, 3C certificate (Certificate for China Compulsory Product Certification), CE certificate, IP×6 Waterproof certificate etc.

Detailed description of digital systems

In the product group of DSPPA, the following systems possess the most advanced technical ideas in modern public address field:

◆PC10 public address system:

This system includes 21 devices in total with functions such as sound source playing (including CD player, Cassette player, and Tuner), multi-zone paging, zone monitor, multi-zone distribution, timing playing, siren recording and playing, sound equalizing, build-in program playing, telephone control, alarm distribution matrix, system startup/closedown sequence control, emergency power supply and DC 24V power supply. The specialties of PC10 system differing from other general public address system including:

- The whole system can be remotely controlled by a PC connecting through Intranet or Internet.
- The simple series connection among devices using data line.
- Powerful timing function with up to 100 points calculating in second unit.
- Telephone paging and receiving fault message by mobile phone

◆MAG Intelligent public address system:

"Intelligent" system or "computerized" system means the whole system is managed by a PC. Most of Intelligent public address systems are same with the general ones except for operating though keyboard linking with a common PC. DSPPA MAG Intelligent public address system originates designing the virtual public address function except for amplifier in one Host. The operation is made on the screen of Host directly.

This system includes Host (touch screen optional), function modules, amplifier, main or standby system switcher, and remote paging microphone. The Host and modules integrate all the functions of general public address. The Host has a powerful zone distribution matrix in which 8 sound sources can be distributed to 64 zones simultaneously. The Host also have built-in program supporting continuous playing up to 1 week. Multipoint control technology allows authorized user manage the remote MAG Host through network. The other functions of Host include supporting 1-4 remote paging microphone, telephone interface enable remote phone broadcasting and holding a telephone conference, auto fault detect, digital pre-record program playing, self-editing program through Mic input or inner CD, automatic recover function after the failure of system. This multi-function and small-sized MAG Intelligent public address system is widely used in the sites with many zones such as shopping mall, station, hotel, and resort village.

◆ Addressable public address system

The advantages of DSPPA ADR public address system that the general public address systems don't have are listed as following:

- BUS wiring system, which only need one common group of line (include one audio line and one control line) to connect all speakers in different zones, can save the cost of project greatly.
- Up to 100 zones are defined through setting the code for each speaker. Adjusting zones can easily be finished by adjusting the codes without re-wiring.

Base on these advantages, this system is widely used in schools where zones (classrooms) are numerous and always need adjustment while students move to new classrooms.

This system includes Host, programmable controller, decoder, and speaker (speaker with decoder inside is optional). There are three types of this system: 2-sound source inputs (1 audio signal & 1 emergency signal) with paging function, 7-sound source inputs (6 audio signals & emergency signal) with Cat. 5 cable transmission, 17-sound source inputs (16 audio signal & emergency signal) with coaxial cable transmission.

The Host includes the functions of pre amplifier, zone distribution, zone paging and has automatic and volume detection functions for ensuring the system reliability. The programmable controller can monitor terminal sound pressure level, no need to check terminals on the spot. It also has 100-zone distribution matrix with 12" large screen.

◆ DSPPA Network public address system

The characteristic of this system is changing the conventional public address network to a data network. In the conventional public address network, signals are transmitted by analog power signals. This system is difficult to satisfy functions as multi-channel transmitting, multi-point control or the mutual communication. DSPPA network public address system transfers the signal by data network in LAN. Comparing with analog system, this transferring has less distortion and higher N/S. This fits the trend of combining the data network, visual network, and audio network in the modern intelligent buildings together.

This system include Host, play terminal, order program terminal, call terminal, and speaker. The Host can broadcast individual program to each zone. The total number of zone can be 128 and each zone can include 200 speakers at most in which every speaker unit belong to different zone simultaneously. The Host also has the capacity of telephone remote control, timing playing, zone paging, zone alarm. DSPPA Play terminal, order program terminal and call terminal can connect with the system at any place through LAN. They can broadcast programs, paging and alarm signals from Host. They also can accept the paging signal from paging microphones in the system. Except for these functions, order program terminal and call terminal can choose and play different sound sources in Host. Call terminal also can paging to any speaker in LAN.

◆ DSPPA Intercom public address system

This system is composed by Intercom Router, Remote interphone and intercom switcher. 1-100 mutual communication interphones can be formed by 4 system group combination. The furthest transmitting distance can be 1000 meters. Remote Interphone combines microphone having built-in chimes with input and output port. It also has feedback restraining circuit inside. Through combination with common public address system, the interphone can work as individual zone paging and broadcasting, remote sound monitor, and self address. Any one interphone can connect with any other ones and compose one group of intercom public address system in which the source interphone becomes the center. In the course of addressing, this center can invite others to join or exit the system. The interphones in the system can be divided into three grades of priority. The interphone at first grade can join, exit or cancel any addressing in any group.

Advantages of DSPPA

Comparing with other brand of public address products, DSPPA has advantages as following:

1. DSPPA Audio Co., Ltd. is the pioneer of China's public address product developer and manufacturer with 15-year experience. The R&D team of DSPPA is consisted of 50 technical staffs leading by China's electroacoustics specialist. China's National Standard of Public Address Industry is composing mainly by DSPPA and Chinese Institute of Electronics Audio Engineering Society and will be issued in this June. This will be the first national Public Address standard in the world.
2. In the public address industry ranking organized by China's professional media such as www.hc360.com, www.qianjia.com, the brand DSPPA always be assessed as the most valued brand.
3. The first China-made DOLBY stereo Decoder and Intelligent Public Address System, the first touch-screen Intelligent PA System and Network Intercom PA System in the world are developed by DSPPA Audio Co., Ltd. The highest stability and reliability of DSPPA amplifier series also be acknowledged by clients.
4. DSPPA has the most complete product range in the world public address industry with more than 600 product types. The products can satisfy the various requirements from customers in the world.

Intelligent PA Series

DSPPA PC 10 Series



Features

- ◆ Provide router function among peripheral equipments in the system
- ◆ Provide router function between peripheral equipments and PC
- ◆ With RS-232 interface connecting with PC
- ◆ With network interface connecting with PC through LAN or internet
- ◆ Can connect with 127 peripheral equipments at one time

Remote Router



- ◆ PC-1006D Tape Player
- ◆ Micro computer chip control, light-touch button.
- ◆ Logic cassette play, VFD display.
- ◆ Program locating, automatic play after power on.
- ◆ Control by wireless remote controller, timer and PC.

Tape Player



- ◆ Micro computer chip control.
- ◆ Light-touch button, one push to select a track, VFD display.
- ◆ Control by wireless remote controller, timer and PC.

CD Player



Tuner

- ◆ Micro computer chip control, digital tuning system.
- ◆ Light-touch button, VFD display.
- ◆ Radio station auto scan & memorize function are provided, each band, (AM/FM) includes 20 memories.
- ◆ Resume memory state after power failure, volume LED indicator.
- ◆ Control by wireless remote controller, timer and PC.



Input Matrix

- ◆ Micro computer chip control, light-touch button.
- ◆ 8 channel inputs, 8 channel outputs, switch freely and without interference each other.
- ◆ LED display.
- ◆ Control by wireless remote controller, timer and PC.



Paging Selector

- ◆ Micro computer chip control, light-touch button.
- ◆ 10 channels.
- ◆ Alarm activating.
- ◆ Remote control available.
- ◆ 2 Mic, 2 line inputs.
- ◆ LED indicator for each paging channel.
- ◆ Chime & Mute function.
- ◆ Remote control by PC.



Pre.Amplifier

- ◆ Micro computer chip control, light-touch button.
- ◆ 10 channels.
- ◆ Alarm activating.
- ◆ Remote control available.
- ◆ 2 Mic, 2 line inputs.
- ◆ LED indicator for each paging channel.
- ◆ Chime & Mute function.
- ◆ Remote control by PC.



Monitor Panel

- ◆ Micro computer chip control, light-touch button.
- ◆ 10 channel inputs, switch at will.
- ◆ Inner monitor speaker.
- ◆ Level indicator for each channel.
- ◆ Remote control by PC.



Distributor

- ◆ Micro computer chip control, light-touch button.
- ◆ 2 channel inputs (A&B), 10 channel outputs.
- ◆ 2 alarm logic setting available.
- ◆ Fire function.
- ◆ Alarm indicator and output indicator.
- ◆ Control by remote controller, timer and PC.



Distribution Matrix

- ◆ Micro computer chip control, light-touch button.
- ◆ 4 inputs, 10 outputs, switchable.
- ◆ 2 alarm logic setting available.
- ◆ Fire function.
- ◆ Alarm/input/output LED Peak Level indicator.
- ◆ Memory function.
- ◆ Control by wireless remote controller, timer and PC.



Programmable Timer

- ◆ Micro computer chip control, light-touch button.
- ◆ LCD display, Chinese menu.
- ◆ 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.
- ◆ Can control external CD/Radio/Cassette player etc.



Emergency Panel

- ◆ Micro computer chip control, light-touch button.
- ◆ 1 Min Digital Rec/Play IC.
- ◆ Alarm triggering siren or Pre-record sound output.
- ◆ Remote control by PC.



Equalizer

- ◆ Micro computer chip control, light-touch button.
- ◆ Fourteen segments digital equalizer.
- ◆ Five equalizer mode memories.
- ◆ Inner gate and compressor.
- ◆ LED peak level indicator.
- ◆ Remote control by PC.



Program Player

- ◆ Micro computer chip control, light-touch button.
- ◆ LCD display, Chinese menu.
- ◆ Shuttle/jog button, direct select program.
- ◆ 2 Mic inputs, 1 Line input, 2 way outputs.
- ◆ Remote control or timer control.
- ◆ Remote control by PC.



Telephone Interface

- ◆ Micro computer chip control, light-touch button.
- ◆ Automatic phone call transfer.
- ◆ Telephone conference function available.
- ◆ Connection using secret code.
- ◆ Remote control by PC.



Alarm Matrix

- ◆ Intelligent interface for fire alarm.
- ◆ 30 channels, up to 120 channels extendible.
- ◆ Automatic activation with neighboring channels.
- ◆ Programmable.
- ◆ Remote control by PC.



Switching Power

- ◆ 10 Channels.
- ◆ Alarm activating 24V output.
- ◆ Forced insertion available.
- ◆ Remote control by PC.



M/S Switcher

- ◆ 4 individual channels for Main/Spare Amplifiers.
- ◆ Automatic switch while fault.
- ◆ Status display.
- ◆ Remote control by PC.



Emergency Supply

- ◆ DC24V output
- ◆ Digital battery voltage meter
- ◆ Built-in accumulator charger suiting AC110V-AC220V, providing overcharge or over discharge protection
- ◆ Not less than 2KW maximum output
- ◆ Sustaining 1KW system emergency running more than 1 hour



Sequence Controller

- ◆ The first choice for controlling various power supplies in a PA system.
- ◆ Up to 16 power channels to be switched on/off in the sequence.
- ◆ Automatically/manually controlling with the timer.
- ◆ Max. capacity 4.5KVA for each channel.
- ◆ Remote control by PC.



Lighting Protector

- ◆ 4 inputs 4 outputs.
- ◆ Switch off output automatically when hit by lightning.
- ◆ Lead lightning strike to ground automatically.
- ◆ Remote control by PC

DSPPA MP 99 Series



- ◆ Micro computer chip control, light-touch button.
- ◆ Logic cassette play, VFD display.
- ◆ Automatic program locating, automatic play after power on.
- ◆ Remote control or timer control.

Tape Player



- ◆ Micro computer chip control.
- ◆ Light-touch button, one push to select a track, EL display.
- ◆ Remote control can adjusting the timing.

CD Player



- ◆ Micro computer chip control, digital mix system.
- ◆ Light touch button, VFD display.
- ◆ Radio station auto scan & memorize function are provided, each band(AM/FM) includes 20 memories.
- ◆ Resume memory state after power failure, volume LED Indicator.

Tuner



- ◆ Micro computer chip control, light-touch button.
- ◆ 8 channel inputs, 8 channel outputs, select channel at will and without interfere to each other.
- ◆ LED display.
- ◆ Timer control.

Input Matrix



- ◆ Micro computer chip control, light-touch button.
- ◆ 10 channels.
- ◆ Alarm activating.
- ◆ Remote control available.
- ◆ 2 Mic, 2 line inputs.
- ◆ LED indicator for each paging channel.
- ◆ Chime & Mute function.

Paging Selector

10 Lines Paging Microphone HUB

Provide 10 channels with 10 PC1010R / MP9810RII Paging Microphone



- ◆ Micro computer chip control, light-touch button.
- ◆ 5 Mic inputs, 3 Aux inputs, 2 Priority inputs.
- ◆ Individual volume control, Master tone control.
- ◆ A five-element LED level meter for monitoring of output level.
- ◆ Chime and Mute function.

Pre-Amplifier



- ◆ Micro computer chip control, light-touch button.
- ◆ 10 channel inputs, switch at will.
- ◆ Inner monitor speaker.
- ◆ Level indicator for each channel.

Monitor Panel



- ◆ Micro computer chip control, light-touch button.
- ◆ 2 Channel inputs(A&B), 10 channel output.
- ◆ 2 input alarm logic selected.
- ◆ The channel will be switched to input B automatically while alarming.
- ◆ Alarm indicator and output indicator.

Distributor



- ◆ Micro computer chip control, light-touch button.
- ◆ 4 inputs, 10 outputs.
- ◆ 2 alarm input logic selected.
- ◆ The channel will be switched to input B automatically while alarming.
- ◆ Alarm/input/output LED Peak Level indicator.
- ◆ Memory function.

Distribution Matrix



Programmable Timer

- ◆ Micro computer chip control, light-touch button.
- ◆ LCD Display, Chinese menu, to know the status clear at a glance.
- ◆ Jog-Dial Control, Graphical interfaces and multi-level menu for user adjustment, it is a really easy access device without the complexity of personal knowledge.
- ◆ Can control external CD/Radio/Cassette player etc.



Emergency Panel

- ◆ Micro computer chip control, light-touch button.
- ◆ 1 Min Digital Rec/Play IC.
- ◆ Alarm triggering siren or Pre-record sound output.



Equalizer

- ◆ Micro computer chip control, light-touch button.
- ◆ Fourteen segment digital equalizer.
- ◆ Five equalizer mode memory.
- ◆ Inner gate and compressor.
- ◆ LED peak level indicator.



Program Player

- ◆ Micro computer chip control, light-touch button.
- ◆ LCD display, English/Chinese language.
- ◆ Shuttle/jog button, direct select program.
- ◆ 2 Mic input, 1 line input, 2 way output.
- ◆ Remote controller or timer control.



Telephone Interface

- ◆ Micro computer chip control, light-touch button.
- ◆ Automatic phone call transfer.
- ◆ Telephone conference is possible.



Alarm Matrix

- ◆ Intelligent interface for fire alarm.
- ◆ 30 channels, up to 120 channels extendible.
- ◆ Automatic activation with neighbor channels.
- ◆ Programmable.



Switching Power

- ◆ 10 channels.
- ◆ Alarm activating 24V output.
- ◆ For forced insertion.



M/S Switcher

- ◆ 4 individual channels for M/S Amp.
- ◆ Automatically switching while fault.
- ◆ Status display.



Sequence Controller

- ◆ The first choice for controlling various power supplies in a PA system.
- ◆ Up to 16 power channels be switched on/off in the sequence.
- ◆ Automatically/manually controlling with the timer.
- ◆ Max capacity 4.5KVA for each channel.



Lighting Protector

- ◆ 4 inputs, 4 outputs.
- ◆ Switch off output automatically when hit by lightning.
- ◆ Lead lightning strike to ground automatically.

DSPPA MP 98 Series



- ◆ Micro computer chip control, light-touch button.
- ◆ Logic cassette play, VFD display.
- ◆ Automatic program locating, automatic play after power on.
- ◆ Remote control or timer control.

Tape Player



- ◆ CD/MP3/MP4/VCD/DVD player. USB port available.
- ◆ Micro computer chip control.
- ◆ Light-touch button, one push to select a track, EL display.
- ◆ Remote control can adjusting the timing.

CD Player



- ◆ Micro computer chip control, digital mix system.
- ◆ Light touch button, VFD display.
- ◆ Radio station auto scan & memorize function are provided, each band(AM/FM) includes 20 memories.
- ◆ Resume memory state after power failure, volume LED Indicator.

Tuner



- ◆ 10 channels
- ◆ Alarm activating
- ◆ 2 MIC, 2 Line inputs
- ◆ Chime & Mute functions
- ◆ Remote control available

Paging Selector

10 Lines Paging Microphone HUB

Provide 10 channels with 10 PC1010R / MP9810RII Paging Microphone



- ◆ 5 MIC inputs, 3 Line inputs, 2 Priority inputs
- ◆ Tone control
- ◆ Mute function
- ◆ Individual volume contro

Pre-Amplifier



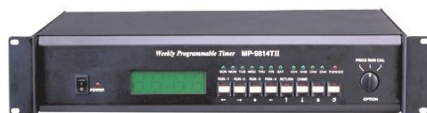
- ◆ 10 Channels, switchable
- ◆ Level indicator
- ◆ Inner active speaker

Monitor Panel



- ◆ 2 inputs, 10 outputs
- ◆ Switchable
- ◆ Alarm triggering

Distribution Matrix



- ◆ System clock
- ◆ 3 Chimes
- ◆ Weekly Timing
- ◆ Alarm function

Programmable Timer



- ◆ 1 minute digital recording IC for voice file
- ◆ Alarm triggering

Emergency Panel



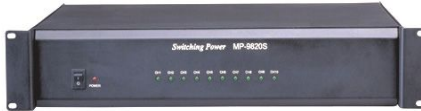
- ◆ Automatic phone call transfer
- ◆ Telephone conference available

Telephone Interface



- ◆ Intelligent interface for fire alarm
- ◆ 30 channels, up to 120 channels extendible
- ◆ Automatic activation with neighbouring channels
- ◆ Programmable

Alarm Matrix



- ◆ 10 channels
- ◆ Alarm activating 24V output
- ◆ Forced insertion

Switching Power



- ◆ 4 individual channels for M/S Amplifiers
- ◆ Automatic switching while fault
- ◆ Status display

M/S Switcher



- ◆ 220V/50Hz power source up to 3kW
- ◆ Inner battery changer
- ◆ Short-circuit/ over-charger/ discharges protection

Emergency Source



- ◆ The first choice for controlling various power supplies in a PA system
- ◆ Up to 16 power channels to be switched on/off in the sequence
- ◆ Auto/Manual control through timer
- ◆ Max. Capacity 4.5V for each channel

Sequence Controller



- ◆ 4 inputs, 4 outputs
- ◆ Switch off output automatically when hit by lightning
- ◆ Lead lightning strike to ground automatically

Lighting Protector



- ◆ Internal microcomputer, shuttle and jog, graphic use interface, multilevel menu operate mode
- ◆ LCD display
- ◆ Include full range of school music and chimes, the recording time can be up to 4 hours.
- ◆ Timing play, 1 way outlet.

MP1714T Timing Player



- ◆ With the wireless transmitter, the maximal distance is 100m
- ◆ One wireless transmitter can control more than six audio devices alone
- ◆ The only-source for management and multi-source management.
- ◆ Can be connected with time control device.

MP-RC06 Remote Controller

Amplifier series

PA Amplifier Series



- ◆ 100V、70V Outputs
- ◆ LED level indicator
- ◆ RCA and XLR sockets for easy connection
- ◆ short-circuit warning and protection, over-heat warning and distortion warning available

MODEL	MP1500	MP2000	MP2500	MP3000	MP3500	MP4000
RATED POWER	350W	450W	650W	1000W	1500W	2000W
INPUT SENSITIVITY	1V					
S/N RATIO	> 85dB					
FREQ.RESPONSE	80Hz - 15KHz±3dB					
OUTPUT MODE	70V , 100V OR 4 - 16 ohm					
THD (1kHz)	< 0.3%					
DIMENSIONS	88 x 482 x 430 MM			132 x 482 x 430 MM		
NET WEIGHT	17 Kg	19.5 Kg	21.5 Kg	34.5 Kg	40.5 Kg	42 Kg



- ◆ Dual sound stereo professional amplifier series
- ◆ Can be connected to BTL mode
- ◆ Short-circuit warning and protection, over-heat protection and distortion protection. 1 unit LED indicator.

MODEL	MX1000	MX1500	MX2000	MX2500
MAX. RATED POWER / CH 8Ω	150W	230W	300W	400W
MAX. RATED POWER / CH 4Ω	250W	350W	450W	650W
MAX. RATED POWER / BTL 8Ω	500W	700W	900W	1400W
INPUT SENSITIVITY	1V			
NOISE (A WEIGHTED)	>85 dB			
DAMPING FACTOR / 8Ω 1KHz	200:01:00			
INPUT CMRR	> 90 dB			
FREQUENCY RESPONSE	20Hz - 20KHz 0.5 dB			
THD INTO 4Ω / 1KHz	< 0.1%, 1/3 rated power			
VOLTAGE GAIN	> 38 dB			
SLEW RATE	> 15V / MICROSECOND			
COOLING	TWO 120V OR 240V AC FAN			
SWITCHES, CONTROLS, ETC	1 FRONT PANEL POWER SWITCH, 2 FRONT PANEL ATTENUATORS, AND 1 REAR PANEL MODE SWITCH.			
INDICATORS	2"POWER", 2"CLIP", 2"SIGNAL", 2"DC", AND 2"TEMP" LEADS.			
PROTECTION	POWER TURN ON - TURN OFF, HIGH TEMPERATURE, DC VOLTAGE, SHORT CIRCUIT LIMITING.			
DIMENSIONS (H x W x L)	88 x 482 x 340 MM			
NET WEIGHT	17 Kg	19Kg	22Kg	25Kg



- ◆ 100V、70V Outputs
- ◆ LCD display
- ◆ RCA and XLR sockets for easy connection
- ◆ short-circuit、over-current、over-load warning and protection, over-heat warning and distortion warning available

PA Amplifier Series

MODEL	MP1600	MP2100	MP2600	MP3100	MP3600	MP4100
RATED POWER	350W	450W	650W	1000W	1500W	2000W
INPUT SENSITIVITY	1V					
S/N RATIO	> 85dB					
FREQ.RESPONSE	80Hz - 15KHz±3dB					
OUTPUT MODE	70V , 100V OR 4 - 16 ohm					
THD (1kHz)	< 0.3%					
DIMENSIONS (H x W x L)	88 x 482 x 430 MM			132 x 482 x 430 MM		
NET WEIGHT	17 Kg	19.5 Kg	21.5 Kg	34.5 Kg	40.5 Kg	42 Kg

PA Amplifier Series



- ◆ 100V、70V Outputs
- ◆ LCD display
- ◆ RCA and XLR sockets for easy connection
- ◆ short-circuit、over-current、over-load warning and protection, over-heat warning and distortion warning available
- ◆ Remote control by PC

MODEL	PC1700	PC2200	PC2700	PC3200	PC3700	PC4200
RATED POWER	350W	450W	650W	1000W	1500W	2000W
INPUT SENSITIVITY	1V					
S/N RATIO	> 85dB					
FREQ.RESPONSE	80Hz - 15KHz±3dB					
OUTPUT MODE	70V , 100V OR 4 - 16 ohm					
THD (1kHz)	< 0.3%					
DIMENSIONS (H x W x L)	88 x 482 x 430 MM			132 x 482 x 430 MM		
NET WEIGHT	11 Kg	12 Kg	14 Kg	34.5 Kg	40.5 Kg	42 Kg

Mix Amplifier Series

- ◆ 3 MIC inputs, 2 Aux output with 100V, 70V outputs
- ◆ LED level indicator
- ◆ Mute function
- ◆ Individual volume control for each channel
- ◆ Short-circuit protection
- ◆ Itself can be considered as a full set of small PA system

MODEL		MP-200P III	MP-300P III	MP-600P III	MP-1000P III
RATED POWER		60W	120W	250W	350W
INPUT	LINE	300MV			
	MIC	3MV			
S/N RATIO	LINE	> 70dB			
	MIC	> 65dB			
OUTPUT MODE		70V, 100V OR 4 - 16 ohm			
THD (1kHz)	LINE	< 0.1%			
	MIC	< 0.3%			
DIMENSIONS (H x W x L)		88 x 420 x 334 MM			
FREQ RESP		88Hz-16KHz±3dB			
NET WEIGHT		10 Kg	11 Kg	13Kg	14 Kg



Mix Amplifier Series

- ◆ 2 MIC inputs, 3 Aux inputs, 1 Aux output with 100V, 70V output
- ◆ LED level indicator
- ◆ 6 channel outputs, Individual volume control for each channel
- ◆ Chime & Mute function
- ◆ Individual volume control for each input
- ◆ Short-circuit, over-current, over-load prot

MODEL		MP-210P	MP-310P	MP-610P	MP-1010P
RATED POWER		60W	120W	250W	350W
INPUT	LINE	300MV			
	MIC	3.5MV			
S/N RATIO	LINE	> 85dB			
	MIC	> 71dB			
OUTPUT MODE		70V, 100V OR 4 - 16 ohm			
THD	LINE	< 0.1%			
	MIC	< 0.3%			
DIMENSIONS (H x W x L)		88 x 418 x 338 MM			
FREQ RESP		80Hz-16KHz±3dB			
NET WEIGHT		10 Kg	11 Kg	13Kg	14 Kg



MODEL		220P II
RATED POWER		20W
INPUT SENSITIVITY	MIC	600 ohm, \gg 5mV
	AUX	10K ohm, 350mV
	LINE	\gg 30V
OUTPUT MODE		4 - 16 OHM
THD (1kHz)		<0.5%
Freq. Response	MIC	150hz—15kHz
	AUX	20hz—20kHz
DIMENSIONS (H x W x L)		250 x 220 x 80 MM
NET WEIGHT		3.2kg



Classroom Broadcast Amplifier

- ◆ 2 MIC inputs, 2 AUX input, 100V Power input, LED indicator.
- ◆ Individual channel and master volume controls.
- ◆ 20-Watts / 4-Ohm power output.
- ◆ Alarm circuitry prevents potential damage from overheating, short-circuit.

Amplifier(All in one)

MODEL		MP-7006	MP-7012	MP-7025	MP-7035
RATED POWER		60W	120W	250W	350W
INPUT	LINE	300MV			
SENSITIVITY	MIC	3mv			
S/N RATIO	LINE	> 70dB			
	MIC	> 65dB			
OUTPUT MODE		70V ,100V OR 4 - 16 ohm			
THD	LINE	< 0.1%			
	MIC	< 0.3%			
DIMENSIONS (H x W x L)		132 x 482 x 330 MM			
FREQ RESP		80Hz-15KHz \pm 3dB			
NET WEIGHT		16 Kg	18.5 Kg	20.5 Kg	25 Kg



Tuner/Cassette/Amplifier

- ◆ 2 MIC inputs, 1 Aux input, with 100V, 70V output
- ◆ 5 units LED level indicator
- ◆ Mute function
- ◆ Digital mixed AM/FM radio player, auto cassette player
- ◆ Itself can be considered as a full set of small PA system

MODEL		MP-8006	MP-8012	MP-8025	MP-8035
RATED POWER		60W	120W	250W	350W
INPUT	LINE	300MV			
	MIC	3MV			
S/N RATIO	LINE	> 70dB			
	MIC	> 65dB			
OUTPUT MODE		70V, 100V OR 4 - 16 ohm			
THD	LINE	< 0.1%			
	MIC	< 0.3%			
DIMENSIONS (H x W x L)		132 x 482 x 398 MM			
FREQ RESP		80Hz-15KHz \pm 3dB			
NET WEIGHT		14.8 Kg	15.8 Kg	17.9 Kg	19.9 Kg



DVD/MP3/Tuner/Cassette Player/Amplifier

- ◆ DVD Player, CD/MP3 player, Digital AM/FM tuner, auto reverse cassette player
- ◆ 2 MIC inputs, 1 Aux input, with 100V, 70V outputs
- ◆ LED level indicator
- ◆ Mute function
- ◆ Digital mixed AM/FM radio player, CD/MP3 player, auto cassette player
- ◆ Chime function

MODEL		MP-9006	MP-9012	MP-9025	MP-9035
RATED POWER		60W	120W	250W	350W
MP3 PLAYER SECTION	FREQ RESP	20Hz-20KHz			
	S/N RATIO	80dB			
TUNER SECTION (AM BAND)	SENSITIVITY	50dB μ			
	TUNING RANGE	522-1611KHz			
	TRANSMISSION BAND	6KHz			
	S/N RATIO	50dB			
TUNER SECTION (FM BAND)	SENSITIVITY	20dB μ			
	TUNING RANGE	87.0-108.0KHz			
	TRANSMISSION BAND	15KHz			
	S/N RATIO	75dB			
OUTPUT MODE		70V, 100V or 4 - 16 ohm			
DIMENSIONS (H x W x L)		88 x 430 x 368 MM			
FREQ RESP		80Hz-16KHz \pm 3dB			
NET WEIGHT		21 Kg	22 Kg	24 Kg	25 Kg



**Tuner+MP3Player+Pre.Amplifier
+Amplifier (All-in-one)**

- ◆MP3 Player,Tuner,Pre.Amplifier and Amplifier all in one
- ◆FM/AM digital tuner, auto/ manual search, 60 memory address (FM:30, AM:30)
- ◆Inputs:5 balanced MIC inputs with phantom power, switchable input between MIC4, MIC5 and AUX1,AUX2,1REC input
- ◆Outputs:1 REC output, 70V,100V,4-16 ohm speaker output,chime and siren output.
- ◆Threelevels of priority muting: MIC1>siren>chime
- ◆5-unit LED level meter,individual channel volume control,master treble and bass control
- ◆Thermal, overload,short-circuit protection and buzzing alarm
- ◆AC 110V/220V and DC24Vpower supply

Model	MP5045	MP5060	MP5120
Output	45W RMS	60W RMS	120W RMS
Output adjust rate	Less than 3 dB from no-load to full load		
Speaker Output	4 Ω Balanced, 70 V、100 V		
REC Output	600 Ω 1V		
Input	MIC1, 2, 3, 4, 5: 600 Ω , 6 mV Balanced		
	AUX 1, 2: 10 K Ω , 270 mV unbalanced; REC IN: 10K Ω , 300mV		
Frequency Response	Line: 50 Hz ~ 20 KHz (\pm 3dB); Microphone: 100 Hz ~ 10 KHz (\pm 3dB)		
Distortion	< 0.5% at 1 KHz , 1 / 3 rated power		
Signal to Noise Ratio	MIC1, 2, 3, 4, 5: 70 Db AUX 1, 2: 75 dB		
Tone	Bass: \pm 12 dB at 100 Hz Treble: \pm 12 dB at 10 KHz		
Protection	AC fuses \times 1, DC fuses \times 1, overload, short circuit		
Muting Function	MIC1 overrides other input signals (Attenuation: 0 ~ -30 dB)		
	SIREN overrides other input signals (except MIC1) (Attenuation: 0 ~ -30 dB)		
	CHIME overrides other input signals (except MIC1,SIREN) (Attenuation: 0 ~ -30 dB)		
Power Requirements	AC 220~240 V / 50 ~ 60 Hz, DC24V		
Power Consumption	80W	100W	200W
Dimensions (mm)	430 \times 360 \times 88mm	430 \times 360 \times 88mm	430 \times 360 \times 88mm
Gross weight	10.3 kg	11.3kg	13kg
Net weight	9.3kg	10.2kg	11.9kg



- ★ 5 MIC inputs, 2 AUX inputs, 1 Record input, 1 Record output
- ★ Priority muting for chime and siren
- ★ Three levels of priority muting: MIC1 > siren > chime
- ★ 5 LED level meter
- ★ Individual volume control for each input, master bass and treble control
- ★ Speaker outputs 100V, 70V and 4Ω
- ★ Power supply AC 220V~240V or DC 24V
- ★ Thermal, over load, short circuit protection and siren

Model	MP6120	MP6250	MP6380
Output	120W RMS	250W RMS	380W RMS
Output adjust rate	Less than 3 dB from no-load to full load		
Speaker Output	4 Ω Balanced, 70 V、100 V		
Zone outputs	Six 100V zone outputs		
REC Output	600 Ω 1V		
Input	MIC1, 2, 3, 4, 5、6 : 600Ω, 4. 5 mV		
	AUX 1, 2: 10 KΩ, 270mV unbalanced; REC IN: 10KΩ, 300mV		
	TELE/EMR: 6kΩ 775mV, balanced		
Frequency Response	Line: 40 Hz ~ 20 KHz (±3dB); Microphone: 80 Hz ~ 15 KHz (±3dB)		
Distortion	< 0.5% at 1 KHz, 1 / 3 rated power		
Signal to Noise Ratio	MIC1, 2, 3, 4, 5, 6: 80dB AUX 1, 2: 80dB		
Tone Control	Bass: ±12 dB at 100 Hz Treble: ±12 dB at 10 KHz		
Protection	AC fuses × 1, DC fuses × 1, overload, short circuit, Temperature		
Muting Function	MIC1 overrides other input signals (Attenuation: 0 ~ -30 dB)		
	SIREN overrides other input signals (except MIC1) (Attenuation: 0 ~ -30 dB)		
	CHIME overrides other input signals (except MIC1, SIREN) (Attenuation: 0 ~ -30 dB)		
Power Requirements	AC 220~240 V / 50 ~ 60 Hz, DC24V		
Power Consumption	160W	330W	450W
Dimensions (mm)	430×360×88mm		
Gross weight	13 kg	17kg	19.3.kg
Net weight	11.9kg	16kg	18.3kg



- ★ Mixing amplifier with 6-zone output, individual zone and all-call selection
- ★ 6 MIC inputs with 2 switching to AUX input, 1 Record input, 1 Record output
- ★ Phantom power supporting different sorts of MIC input
- ★ Priority muting for chime and siren
- ★ Three levels of priority muting: MIC1 > siren > chime
- ★ 5 LED level meter
- ★ Master and individual input volume control, master bass and treble control
- ★ Speaker outputs 100V, 70V and 4Ω
- ★ Power supply AC 220V~240V or DC 24V
- ★ Thermal, over load, short circuit protection and siren

Model	MP6425	MP6438	MP6450
Output	250W RMS	380W RMS	500W RMS
Input sensitivity	1V		
S/N Ratio	>85dB		
Frequency Response	80Hz~16kHz / ±3dB		
THD 4 /1kHz	<0.5 %		
Cooling Style	12V DC Fan		
Indicators	Power: Red, Clip: Red", Sound: Green, Protection: Red, Temperature: Orange		
Protection	Turn on delay, thermal, DC fault, short circuit		
240V AC Fuse	F6AL	F8AL	F10AL
24V DC Fuse	FB15AL/FC10AL	FB/FC: 15AL	FB/FC: 20AL
	CHIME overrides other input signals (except MIC1,SIREN) (Attenuation: 0 ~ -30 dB)		
Power Requirements	AC 220~240 V / 50 ~ 60 Hz, DC24V		
Power Consumption	500W	760W	1000W
Dimensions (mm)	88 x 483 x 390mm		
Gross weight	17 kg	19.3kg	20.3kg
Net weight	16kg	18.3kg	19.5kg

PA Amplifier Series



- ★ Three speaker outputs: 100V, 70V and 4Ω
- ★ 5 LED indicators for status display
- ★ XLR socket and 6.3 mm jack for amplifier link
- ★ Short circuit output protection & LED display
- ★ Series amplifiers with high output power available



MP 230 Classroom broadcast amplifier

- ★ USB port,built-in MP3 Player,supporting playing MP3 programs in flash disk or portable hard disk
- ★2 microphone input, MIC 1 with priority for emergency announcement
- ★Microphone inputs with optional frequency shift function ranging from 2Hz to 5Hz
- ★2 AUX inputs linking with external sound devices
- ★Individual volume control for each MIC & AUX input, master tremble and bass control
- ★20W output power,speaker output 4 ohm linking with low impedance speaker

Model	MP7806	MP7812	MP7825	MP7835
Rated output	60W	120W	250W	350W
Output regulation	From full-load to no-load, less than 5%.			
Output method	4Ω balanced output, 70V & 100V fixed-voltage outputs			
Zone output	Zones 1 and 2: 100V			
Auxiliary output	600Ω, 1V (0dBV)			
Input	MIC1, 2, 3 & 4: 600Ω; 2.5mV - 500mV, unbalanced			
	AUX: 10kΩ, 200mV, unbalanced			
Frequency response	MIC: 100Hz-15kHz;			
	AUX: 40Hz-20KHz			
Phantom power supply voltage	48±2V			
Harmonic distortion	< 0.5% (1kHz, 1/3 rated power)			
Line S/N (4Ω output)	70dB	72dB	76dB	77dB
Microphone S/N (4Ω output)	70dB	72dB	76dB	77dB
Tone adjustment	Bass: ±10dB (100Hz)			
	Treble: ±10dB (10kHz)			
Protection	AC fuse, DC output protection, and overload protection			
Mute	MIC1 input overrides other inputs (attenuated by 0 to -30dB)			
Power supply	AC220-240V/50-60Hz			
Power consumption	120W	250W	500W	650W
N.W.	16.4kg	20.5kg	25.3kg	29.4kg
G.W.	14kg	18kg	22.5kg	26.8kg
Dimensions (mm)	420×400×132			



- ★ All-in-one public address device combining CD/DVD/VCD/MP3/MP4 player, tuner, pre-amplifier and power amplifier together.
- ★ Fluorescence digital display, totally-digitalized tactile control.
- ★ Equipped with USB interface, supports common USB flash disk, mobile hard disk, etc.
- ★ Phantom power supply for 1-channel AUX input, 4-channel microphone XLR input, and 4-channel microphone.
- ★ Built-in chime generator, chime short-circuit toggles output instantly.
- ★ Chime signal overrides 4-channel microphone signal, CD/DVD/VCD/MP3 player signal, tuner signal and AUX signal.
- ★ High and low tone control, and volume control available.
- ★ 100V and 70V fixed-voltage output and 4Ω-16Ω fixed-resistance (balanced, not grounded) output.
- ★ 100V fixed-voltage output for 2 zones.

Output Power	1000W / 100V (10Ω)
Frequency response	50-20k Hz
Distortion	≤1%
S/N	≥70 dB
Sensitivity	0 dBV
Protection	over-voltage / under-voltage / over-load / over-heat / DC
Dimensions (mm)	44×445×435



new

- ★ LCD display the following parameter at real time: volume, level, temperature, IP address code, inner and networking status etc.
- ★ A part of parameters adjustable, such as Alarm temperature, local IP address and volume control
- ★ Provide 6 digit operation password, modification available
- ★ Remote control and monitor local machine available via LAN

Output Power	8 x 120 W
Frequency response	70-20k Hz
Distortion	≤1%
S/N	≥85 dB
Sensitivity	300 mV
Protection	over-load / over-heat / DC/ short-circuit
Dimensions (mm)	132×480×300



new

- ★ Individual 8 channels, each channel with 120W / 100V output
- ★ Built in Pre.amplifier
- ★ Each channel with individual volume / Treble / Bass control
- ★ Perfect self-protection function

Model	MP8712	MP8735	MP8745
Rated output	120W	350W	450W
Output regulation	From full-load to no-load, less than 5%.		
Speaker Output	4-16Ω balanced, 70V / 100V Output		
Zone output	6 Zones / 100V		
Auxiliary output	100Ω, 1V (0dBV)		
Input	MIC: 600Ω , 3mV (±10%)		
	AUX: 10kΩ, 300mV (±10%) , imbalanced		
Frequency response	MIC: 80Hz-15kHz;		
	AUX: 50Hz-20KHz		
Harmonic distortion	< 0.5% (1kHz, 1/3 rated power)		
Line S/N (4Ω output)	80dB		
Microphone S/N (4Ω output)	70dB		
Tone adjustment	Bass: ±10dB (100Hz)		
	Treble: ±10dB (10kHz)		
Protection	AC fuse, DC voltage, overload and short circuit protection		
Muting Function	MIC1,AUX1 overrides other inputs (attenuated by 0 to -30dB)		
Power supply	AC220-240V/50-60Hz		
Power consumption	190W	520W	600W
N.W.	16.6kg	25.7kg	29.5kg
G.W.	19.2kg	28.2kg	32.3kg
Dimensions (mm)	430×402×132		



new

- ★ Integrated MP3 Player/Tuner/Timer/Distribution//Paging function in one PA Amplifier
- ★ 3 Line inputs, 3 MIC inputs, 1 Line output.
- ★ MIC 1& Line 1 with muting function, convenience for priority broadcasting
- ★ 100 Programmable timing points every day, set timing program for one week available ,Time & Programs remembered even cutting power supply
- ★ 2 sets of timing program solutions can be saved for work at any moment,each solution edited for 7 days, 100 timing points each day
- ★ 4-16Ω / 70V / 100V outputs available
- ★ 6 Zone output,time switch automatically for each zone available and all zones with 100V output
- ★5 levels LED indicators
- ★Each machine can be consider as the integrated Public Address System

Public Address Console

- ★ Particular face design, all the PA function integrate into one console, easy for operation
- ★ Built in MP3 Programs storage, 2 USB ports for external use
- ★ Built in AM/FM Tuner
- ★ 5 individual volume control, tone control, individual monitor for 5 channels available
- ★ MP3/ Tuner, mixing channels monitor and general volume control, easy operation mode
- ★ 10 zones outputs, all on/off control and zones alarm switch automatically
- ★ Programs timing operation, one wheel control, graphic interface, multi-menu operation mode large size LCD display
- ★ Timing programmable for 1 week, times and programs remembered even cutting power supply
- ★ Built in 4 AC220V programmable timing power output sockets
- ★ Timing control MP3, inner Tuner, Program Player such equipments
- ★ 100V,70V and 4ohm (balanced) outputs
- ★ Muting function, convenience for priority broadcasting
- ★ Emergency function, switch on alarm system automatically when receiving emergency signal
- ★ Timing programmable control 16 pcs PC1006D,16pcs PC1007C,16pcs PC1008R,1 pcs PC1017S,5pcs PC1013B,5pcs PC1013D etc.
- ★ Remotecontrol by PC, setup timing points by PC



Suitable for the PA requirement of Plaza, School, Marketplace, Factory and Parks etc.

3 models fo choice: PC6600 (without amp.) / PC6635 (built in 350W amp.) / PC6665 (built in 650W amp.)

new

LPR Local Primary Reference LPR365C

- ★ Primary Satellite Synchronous clock reference
- ★ Provide exact time for the DSPPA Public address system and common computer network
- ★ Provide exact time for electric power system, security system and astronomy measurement
- ★ Use GPS signal for the clock original, time error less than 0.1s compare with Greenwich time
- ★ Global timing zone and local IP address adjustable
- ★ English/Chiness menu selectable , wheel control



new

Primary Satellite Synchronous Time	20-100s (Decided by signal)
Satellite Synchronous Time Error	± 0.1 s compare with Greenwich time
Without Satellite Synchronous Time Error	<2.5 Min. one year
Protocol 1 for Control Equipment	RS422 (For DSPPA MP88 Series)
Protocol 2 for Control Equipment	RS485 (For DSPPA PC10 Series)
Protocol 3 for Control Equipment	SNTP V4 Network clock protocol (Suitable for common computer network)
	UDP Protocol (DSPPA special computer network)
Language Setup	English / Chinese
Time zone setup	Global time zone
IP Address	IP Address / Subnet Mask adjustable at will
Dimensions (mm)	220*187*59mm
N.W.	2 kg
Voltage	AC220V (+10%, -20%)
Power consumption	2W

Column Speakers

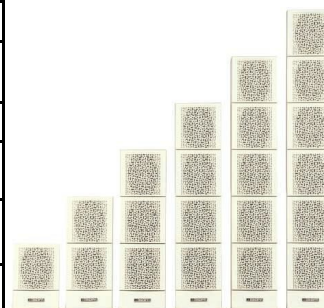
Indoor Series

MODE	DSP103	DSP203	DSP303	DSP403
NOML POWER	4 / 8W	8 / 15W	12 / 23W	15 / 30W
MAX POWER	70-100V	70-100V	70-100V	70-100V
SENSITIVITY(1m,1W)	91dB	91dB	91dB	91dB
FREQ.RESP.	140-12,000Hz	140-12,000Hz	140-12,000Hz	140-12,000Hz
DIMENSIONS (H×W×L)	250x165x125 mm	425x165x125 mm	600x165x125m	775x165x125m
WEIGHT	2Kg	3.2Kg	4.4Kg	5.6Kg



Indoor Series

MODE	DSP109	DSP209	DSP309	DSP409	DSP509	DSP609
NOML POWER	4 / 8W	8 / 15W	12 / 23W	15 / 30W	38W	45W
MAX POWER	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V
SENSITIVITY(1m,1W)	91dB	91dB	91dB	91dB	91dB	91dB
FREQ.RESP.	140-12,000Hz	140-12,000Hz	140-12,000Hz	140-12,000Hz	140-12,000Hz	140-12,000Hz
DIMENSIONS (H×W×L)	310x160x115mm	410x160x115mm	500x160x115mm	600x160x115mm	950x165x125mm	1125x160x125mm
WEIGHT	2.5Kg	4Kg	5.5Kg	7Kg	8.5Kg	10Kg
RED	Public	Public	Public	Public	Public	Public
BLUE	10W	20W	30W	40W	30W	40W
WHITE	15W	30W	45W	60W	45W	60W



Indoor Series

MODE	DSP105	DSP205	DSP305	DSP405
NOML POWER	8W	15W	23W	30W
MAX POWER	15W	30W	45W	60W
LINE VOLTAGE	70-100V	70-100V	70-100V	70-100V
SENSITIVITY(1m,1W)	91dB	91dB	91dB	91dB
MAX SOUND PRESSURE LEVEL(1m)	99dB	102dB	103dB	105dB
FREQ.RESP.	140-14,000Hz	140-14,000Hz	140-14,000Hz	140-14,000Hz
DIMENSIONS (H×W×L)	310x160x120 mm	400x160x120 mm	500x160x120m	610x160x120m
WEIGHT	2.5Kg	3.5Kg	4.5Kg	5.5Kg



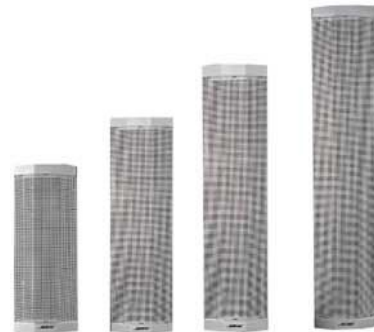
Outdoor Series

MODE	DSP108	DSP208	DSP308	DSP408
NOML POWER	8W	15W	23W	30W
MAX POWER	15W	30W	45W	60W
LINE VOLTAGE	70-100V	70-100V	70-100V	70-100V
SENSITIVITY(1m,1W)	91dB	91dB	91dB	91dB
MAX SOUND PRESSURE LEVEL (1m)	99dB	102dB	103dB	105dB
FREQ.RESP.	140-14,000Hz	140-14,000Hz	140-14,000Hz	140-14,000Hz
DIMENSIONS (H×W×L)	310x150x125 mm	410x150x125 mm	500x150x125m	620x150x125m
WEIGHT	2.5Kg	3.5Kg	4.5Kg	5.5Kg



Indoor Series (Piano-painting Surface)

Mode	DSP1101	DSP1102	DSP1103	DSP1104
Full-range Speaker / HF Driver	4"x1, 2.5"x1	4"x2, 2.5"x1	4"x3, 2.5"x1	4"x4, 2.5"x1
Normal Power	10W	20W	25W	30W
Max Power	20W	40W	50W	60W
Line Voltage	100V	100V	100V	100V
Sensitivity(1m, 1W)	89dB	90dB	91dB	91dB
Max Sound Pressure Level(1m)	99dB	103dB	105dB	106dB
Freq. Resp.	170-16,000Hz	170-16,000Hz	170-16,000Hz	170-16,000Hz
Dimensions	300x106x120 mm	420x106x120 mm	540x106x120m	660x106x120m
Weight	2.8kg	4kg	5.2kg	6.2kg



Indoor Series (Piano-painting Surface)

Mode	DSP1401	DSP1402	DSP1403	DSP1404
Full-range Speaker / HF Driver	4"x1, 2.5"x1	4"x2, 2.5"x1	4"x3, 2.5"x1	4"x4, 2.5"x1
Normal Power	10W	20W	25W	30W
Max Power	20W	40W	50W	60W
Line Voltage	100V	100V	100V	100V
Sensitivity(1m, 1W)	89dB	90dB	91dB	91dB
Max Sound Pressure Level(1m)	99dB	103dB	105dB	106dB
Freq. Resp.	160-16,000Hz	160-16,000Hz	170-16,000Hz	170-16,000Hz
Dimensions	256x91x171m	371x91x171m	486x91x171m	601x91x171m
Weight	2.6kg	3.6kg	6kg	6kg



Outdoor Series

Mode	DSP188	DSP288	DSP388	DSP488
Full-range Speaker / HF Driver	4"x2, 2.5"x2	4"x4, 2.5"x2	4"x6, 2.5"x2	4"x8, 2.5"x2
Normal Power	15W	30W	45W	60W
Max Power	30W	60W	90W	120W
Line Voltage	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m, 1W)	89dB	89dB	89dB	89dB
Max Sound Pressure Level(1m)	99dB	102dB	103dB	105dB
Freq. Resp.	140-14,000Hz	140-14,000Hz	140-14,000Hz	140-14,000Hz
Dimensions	310x250x160 mm	410x250x160 mm	510x250x160m m	620x250x160m m
Weight	3kg	5.5kg	8kg	10.5kg



Mode	DSP158	DSP258	DSP358	DSP458
Full-range Speaker / HF Driver	8"x1, 1"x1	8"x2, 1"x1	8"x3, 1"x1	8"x4, 1"x1
Normal Power	30W	20W	25W	30W
Max Power	60W	40W	50W	60W
Line Voltage	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m, 1W)	92dB	92dB	92dB	92dB
Max Sound Pressure Level(1m)	110dB	113dB	115dB	116dB
Freq. Resp.	80-16,000Hz	80-16,000Hz	80-16,000Hz	80-16,000Hz
Dimensions	430x250x230 mm	665x250x230 mm	905x250x230m m	1320x250x230 mm
Weight	8.2kg	13kg	17kg	23kg



MODE	DSP155	DSP255	DSP355	DSP455	DSP555
NOML POWER	4 / 8W	8 / 15W	12/ 23W	15 / 30W	20 / 40W
MAX POWER	70 - 100V	70 - 100V	70 - 100V	70 - 100V	70 - 100V
LINE VOLTAGE	70-100V	70-100V	70-100V	70-100V	70-100V
SENSITIVITY(1m, 1W)	88dB	88dB	88dB	88dB	88dB
MAX SOUND PRESSURE LEVEL(1m)	94dB	98dB	99dB	101dB	102dB
FREQ.RESP.	140 - 14,000Hz	140 - 14,000Hz	140-14,000Hz	140-14,000Hz	140-14,000Hz
DIMENSIONS (H×W×L)	285x110x	400x110x	590x110x	730x110x	870x110x
	110mm	110mm	110mm	110mm	110mm
WEIGHT	1.4Kg	2.2Kg	3Kg	3.8Kg	4.6Kg



Ceiling Speakers



DSP501



DSP502



DSP502N



DSP503



DSP557

Mode	DSP501	DSP502	DSP502N	DSP503	DSP557
Full-range Speaker / HF Driver	4.5"x1	4.5"x1	4.5"x1	4.5"x1	6.5"X1,1"X1
Normal Power	3W	3W	3W	3W	10W
Max Power	6W	6W	6W	6W	20W
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	91dB	91dB	91dB	91dB	91dB
Max Sound Pressure Level(1m)	97dB	97dB	97dB	97dB	104dB
Freq. Resp.	60-20,000Hz	100-16,000Hz	160-16,000Hz	60-20,000Hz	80-20,000Hz
Hole for Mounting	Ø154xØ164mm	Ø170xØ176mm	Ø170xØ176mm	Ø154xØ162mm	Ø190xØ275mm
Dimensions	80xØ180mm	80xØ200mm	80xØ180mm	80xØ175mm	305x220x110mm
Weight	0.8kg	0.8kg	0.8kg	0.9kg	2.4kg

Mode	DSP922G /S /DSP922
Full-range Speaker / HF Driver	4"x1, 2"x1
Normal Power	8W
Max Power	15W
Line Voltage	70-100V
Sensitivity(1m,1W)	88dB
Max Sound Pressure Level(1m)	101dB
Freq. Resp.	130-20,000Hz
Hole for Mounting	Ø192xØ200mm
Dimensions	115xØ220mm
Weight	2kg





DSP801



DSP802



DSP803



DSP804



DSP805

Mode	DSP801	DSP802	DSP803	DSP804	DSP805
Full-range Speaker / HF Driver	6.5"x1	6.5"x1	6.5"x1	8"x1,1"x1	10"x1,3"x1,1"x1
Normal Power	6W	6W	6W	30W	40W
Max Power	10W	10W	10W	60W	80W
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	92dB	92dB	92dB	90dB	91dB
Max Sound Pressure Level(1m)	100dB	100dB	100dB	105dB	107dB
Freq. Resp.	80-14,000Hz	45-18,000Hz	45-18,000Hz	50-20,000Hz	40-20,000Hz
Hole for Mounting	Ø178xØ190mm	Ø178xØ190mm	Ø178xØ190mm	Ø245mm	Ø308mm
Dimensions	80xØ210mm	80xØ210mm	80xØ210mm	130xØ273mm	152xØ342mm
Weight	1.0kg	1.0kg	1.1kg	3.2kg	4.2kg



DSP551



DSP553



DSP701



DSP702 *new*



DSP703 *new*

Coaxial / Direction adjustable

Mode	DSP551	DSP553	DSP701	DSP702	DSP703	DSP2802
Full-range Speaker / HF Driver	4.5"x1	3"x1, 2"x1	6.5"x1	6.5"x1, 1"X1	6.5"x1, 1"X1	6.5"x1
Normal Power	3W	6W	6W	20W	20W	8W
Max Power	6W	10W	10W	40W	40W	AC220-240V/50-60Hz
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V	250mV
Sensitivity(1m, 1W)	90dB	90dB	92dB	92dB	88dB	92dB
Max Sound Pressure Level(1m)	96dB	100dB	100dB	105dB	101dB	95dB
Freq. Resp.	100-16,000Hz	100-18,000Hz	80-14,000Hz	50-20,000Hz	60-18,000Hz	200-14,000Hz
Hole for Mounting	150x150mm	125x195mm	Ø178xØ190mm	Ø178xØ190mm	Ø194xØ200mm	Ø155xØ158mm
Dimensions	90x180x180mm	90x220x150mm	80xØ210mm	160xØ280mm	95xØ228mm	110xØ210mm
Weight	0.8kg	1.2kg	1.0kg	2.1kg	1.8kg	1.5kg



DSP2802



DSP504

DSP511B

DSP511W

DSP512

DSP531B

DSP531W

Mode	DSP504	DSP511B / DSP511W	DSP512	DSP531B / DSP531W
Full-range Speaker / HF Driver	4.5"x1	4.5"x1	4.5"x1	3"x1
Normal Power	3W	3W	3W	6W
Max Power	6W	6W	6W	10W
Line Voltage	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	91dB	91dB	91dB	91dB
Max Sound Pressure Level(1m)	97dB	97dB	97dB	104dB
Freq. Resp.	300-14,000Hz	50-20,000Hz	100-16,000Hz	80-20,000Hz
Hole for Mounting		Ø150xØ156mm	Ø150xØ156mm	Ø102xØ106mm
Dimensions	75xØ180mm	130xØ120mm	110xØ180mm	105xØ120mm
Weight	0.8kg	0.8kg	0.8kg	0.4kg



DSP 901

DSP902

DSP 903

DSP904

**DSP906/
DSP211(Subwoofer)**

Mode	DSP901	DSP902	DSP903	DSP904	DSP906	DSP211
Full-range Speaker / HF Driver	4.5"x1	6.5"x1	4.5"x1	6.5"x1	8"x1	8"x1
Normal Power	3W	6W	3W	6W	10W	20W
Max Power	6W	10W	6W	10W	20W	40W
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	91dB	92dB	91dB	92dB	92dB	91dB
Max Sound Pressure Level(1m)	97dB	100dB	97dB	100dB	102dB	103dB
Freq. Resp.	100-16,000Hz	80-14,000Hz	250-16,000Hz	200-14,000Hz	80-15,600Hz	50-300Hz
Hole for Mounting	Ø155xØ158mm	Ø192xØ194mm	Ø155xØ158mm	Ø192xØ196mm	Ø245xØ280mm	Ø245xØ250mm
Dimensions	110xØ168mm	115xØ205mm	110xØ174mm	115xØ210mm	180xØ280mm	180xØ280mm
Weight	1.2kg	1.6kg	1.2kg	1.6kg	2kg	2.6kg

Wall-mount Box Speakers



DSP106



DSP206



DSP306



DSP406

Mode	DSP106	DSP206	DSP306	DSP406
Full-range Speaker / HF Driver	6.5"x1, 2.5"x1	4"x6"x1	6.5"x1, 4"x6"x1	6.5"x1, 4"x6"x1
Normal Power	3W	6W	5W	5W
Max Power	10W	10W	10W <td>10W</td>	10W
Line Voltage	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	92dB	91dB	91dB	91dB
Max Sound Pressure Level(1m)	100dB	99dB	101dB	101dB
Freq. Resp.	160-18,000Hz	200-12,000Hz	120-16,000Hz	80-18,000Hz
Dimensions	275x185x120 mm	260x175x85m m	290x210x101m m	314x203x119m m
Weight	1.2kg	1.5kg	2kg	2.4kg



DSP506



DSP6061W



DSP6062W



DSP6063W



DSP6064W



DSP416B



DSP416BX4 Installation

Mode	DSP506	DSP6061B/ W	DSP6062B/ W	DSP6063B/ W	DSP6064B /W	DSP416B/ W
Full-range Speaker / HF Driver	4"x2, 2.5"x2	4"x1,1"x1	5.25"x1, 1"x1	6.5"x1,1"x1	8.5"x1,3"x1	6.5"x1,1"x1
Normal Power	20W	10W	20W	30W	50W	25W
Max Power	40W	20W	30W	45W	100W	50W
Line Voltage	100V	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	89dB	90dB	91dB	91dB	91dB	90dB
Max Sound Pressure Level(1m)	102dB	102dB	106dB	106dB	108dB	104dB
Freq. Resp.	170-16,000Hz	100-20,000Hz	90-20,000Hz	70-20,000Hz	55-20,000Hz	60-20,000Hz
Dimensions	260x185x405 mm	180x170x150m m	200x185x170m m	330x2210x195 mm	442x255x276m m	335x160x236mm
Weight	6.5kg	2.8kg	3.4kg	4.2kg	8.4kg	3.2kg



DSP107



DSP207



DSP507



DSP116



DSP216

Mode	DSP107	DSP207	DSP507	DSP116	DSP216
Full-range Speaker / HF Driver	6"x1, 1"x1	6"x1, 1"x1	3"x1	4.5"x1	4.5"x2
Normal Power	15W	15W	1W	3W	4W
Max Power	30W	30W	2W	6W	8W
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	91dB	91dB	86dB+-2dB	91dB	91dB
Max Sound Pressure Level(1m)	101dB	101dB	89dB+-2dB	97dB	100dB
Freq. Resp.	110-18,000Hz	90-18,000Hz	250-9,000Hz	200-16,000Hz	160-14,000Hz
Dimensions	195xØ230mm	270xØ175mm	120x120x60 mm	87x228x173mm	106x310x140mm
Weight	2kg	2kg	0.4kg	0.8kg	1.2kg

Indoor Series

MODE OUT-DOOR	WL-311	WL-312	WL-313
NOML POWER	20W	30W	40W
LINE VOLTAGE	70-100V	70-100V	70-100V
SENSITIVITY(1m,1W)	89DB	90DB	91DB
FREQ.RESP.	80-20,000HZ	75-20,000HZ	70-20,000HZ
DIMENSIONS(H×W×L)	215*170*150MM	242*182*162MM	284*215*189MM
WEIGHT	2.2KG	3KG	3.5KG



Picture Frame Speakers



DSP133



DSP133C



DSP233



DSP233C

All the pictures can be custom-made according to the client's requirement

Mode	DSP133	DSP233
Normal Power	5W	8W
Max Power	10W	15W
Line Voltage	70-100V	70-100V
Sensitivity(1m,1W)	89dB	89dB
Max Sound Pressure Level (1m)	97dB	100dB
Freq. Resp.	200-12,000Hz	200-12,000Hz
Dimensions	400x300x45mm	500x400x45mm
Weight	1.6kg	3kg

Horn Speakers



DSP154H

DSP304H

DSP204H Explosion Protection

DSP 364

CH-15

PH-30

Mode	DSP154H	CH-15	DSP304H	PH-30	DSP364	DSP204H
Normal Power	8W	8W	15W	15W	30W	20W
Max Power	15W	15W	30W	30W	45W	40W
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	105dB	105dB	105dB	105dB	92dB	105dB
Freq. Resp.	400-8,000Hz	400-8,000Hz	400-8,000Hz	400-8,000Hz	280-8,000Hz	400-10,000Hz
Dimensions	195x195x250mm	135x215x215m	250x250x285m	237x237x286m	210x170x255m	252x252x355m
Weight	1.7kg	1.5kg	2kg	2.5kg	2.8kg	6.7kg

new



DSP1202



DSP3008A



DSP3012A



DSP3028A

Mode	DSP1202	DSP3008A	DSP3012A	DSP3028A
Normal Power	150W	150W	200W	1000W
Max Power	250W	300W	300W	2000W
Line Voltage	70-100V	70-140V	70-200V	200V
Sensitivity(1m,1W)	94dB	108dB	108dB	110dB
Max Sound Pressure Level(1m)	114dB	135dB	138dB	140dB
Freq. Resp.	42-20,000Hz	140-18,000Hz	70-18,000Hz	100-16,000Hz
Dimensions	630x420x385mm	460x560x650m	600x750x1100mm	660x690x900m
Weight	21kg	25kg	45kg	61kg

Outdoor Speakers



DSP 660B



DSP660W



DSP6601



DSP6602



DSP6603



DSP6604

Mode	DSP660B	DSP660W	DSP6601	DSP6602	DSP6603	DSP6604
Full-range Speaker / HF Driver	4"x6"x2, 2.5"x2		6.5"x2, 2.5"x2	8"x1, 3"x1	8"x1, 3"x1	8"x1, 3"x1
Normal Power	15W	30W	30W	35W	35W	35W
Max Power	30W	60W	60W	70W	70W	70W
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	90dB	90dB	89dB	89dB	89dB	89dB
Max Sound Pressure Level(1m)	100dB	106dB	104dB	104dB	104dB	104dB
Freq. Resp.	100-14,000Hz	55-16,000Hz	80-15,000Hz	80-16,000Hz	80-15,000Hz	80-15,000Hz
Dimensions	765x195x135mm	330x330x560mm	1320x340x360mm	1920x340x360mm	2500x340x360mm	2500x340x360mm
Weight	6.5kg	11.5kg	13.2kg	14.2kg	15kg	15kg



DSP640



DSP641



DSP642



DSP643



DSP644



DSP 645(Dual face)



DSP646

Mode	DSP640	DSP641	DSP642	DSP643	DSP644	DSP645	DSP646
Full-range Speaker / HF Driver	6.5"x1, 2"x2	5"x1, 2"x1	6.5"x1, 3"x1	6.5"x1, 3"x1	8"x1, 2.5"x1	6.5"x2, 3"x2	6.5"x1, 3"x1
Normal Power	23W	10W	10W	20W	30W	20W	20W
Max Power	45W	20W	20W	40W	60W	40W	40W
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	88dB	88dB	88dB	87dB	90dB	88dB	87dB
Max Sound Pressure Level(1m)	102dB	101dB	102dB	100dB	106dB	102dB	100dB
Freq. Resp.	80-16,000Hz	100-14,000Hz	80-16,000Hz	100-15,500Hz	60-14,000Hz	80-16,000Hz	105-16,000Hz
Dimensions	420x360x250mm	420x320x250mm	400x400x400mm	320x250x38mm	460x600x250mm	420x460x420mm	370x210x365mm
Weight	7kg	5.6kg	8.8kg	6kg	8.5kg	10.3kg	5.5kg



DSP647



DSP649



DSP650



DSP651



DSP652



DSP653



DSP654

Mode	DSP647	DSP649	DSP650	DSP651	DSP652	DSP653	DSP654
Full-range Speaker / HF Driver	6.5"x1	4.5"x1	8"x1, 3"x1	5"x1, 2"x1	5"x1, 2"x1	4"x1	4"x1
Normal Power	10W	10W	30W	15W	15W	10W	10W
Max Power	20W	20W	60W	30W	30W	20W	20W
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	89dB	90	88dB	86dB	88dB	90dB	90dB
Max Sound Pressure Level(1m)	99dB	100dB	104dB	99dB	101dB	100dB	100dB
Freq. Resp.	130-17,000Hz	85-11,000Hz	80-12,000Hz	100-12,000Hz	100-14,000Hz	85-11,000Hz	160-12,000Hz
Dimensions	225x225x270mm	398x834x220mm	380xØ380mm	500x480x300mm	530x260x280mm	670x760mm	550x295x480mm
Weight	3.6kg	8kg	8.5kg	7kg	5.5kg	4kg	4kg



DSP655



DSP656



DSP657



DSP658



DSP659



DSP3601



DSP3602

Mode	DSP655	DSP656	DSP657	DSP658	DSP659	DSP3601	DSP3602
Full-range Speaker / HF Driver	4"x1	6.5"x1	6.5"x1	6.5"x1	6.5"x1	6.5"x1, 3"x1	6.5"x1, 3"x1
Normal Power	10W	20W	20W	20W	20W	23W	30W
Max Power	20W	40W	40W	40W	40W	45W	60W
Line Voltage	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	90dB	89dB	89dB	89dB	89dB	86dB	86dB
Max Sound Pressure Level(1m)	100dB	102dB	102dB	102dB	102dB	100dB	102dB
Freq. Resp.	160-12,000Hz	95-16,000Hz	95-16,000Hz	95-16,000Hz	95-16,000Hz	80-10,000Hz	60-10,000Hz
Dimensions	550x295x480mm	470x405x300mm	470x405x300mm	470x405x300mm	470x405x300mm	440xØ240mm	580xØ240mm
Weight	4kg	11kg	11kg	11kg	11kg	6kg	7kg



DSP630Y



DSP630R



DSP630G



DSP620

Mode	DSP630Y / DSP630R / DSP630G	DSP620
Full-range Speaker / HF Driver	4"x6"x2, 3"x2	6.5"x1
Normal Power	15W	10W
Max Power	30W	20W
Line Voltage	70-100V	70-100V
Sensitivity(1m,1W)	90dB	91dB
Max Sound Pressure Level(1m)	103dB	100dB
Freq. Resp.	100-8,000Hz	150-13,000Hz
Dimensions	420x360x250mm	360x350mm
Weight	9kg	4.5kg

Microphone Series



CM-10



CB-100



EC-200



EC-500



MP9810R/PC1010R

Mode	CM-10	CB-100	EC-200	EC-500
Freq. Resp.	100-16,000Hz	250-6,000Hz	50-15,000Hz	80-12,000Hz
Impedance	600Ω	500Ω	600Ω	600Ω
Sensitivity	-50dB±1dB		-54dB±3dB	
Dimensions(HxWxL)	250x190x130mm	100x60x50mm	420x150x150mm	367x122x162mm
Weight	1.4kg	0.165kg	1.4kg	0.85kg

Volume Controller



WH-1



WH-1F



WH-2



WH-2F



WH-3



WH-3F

Mode	WH-1 / WH-1F	WH-2 / WH-2F	WH-3 / WH-3F	WH-4 / WH-4F	WH-5 / WH-5F
Capacity	6W				
Extension	30W/60W 120W/200W (Option)		6W	30W/60W 120W/200W (Option)	
Selection Switch		✓			✓
Emergency Function	✓ with "F"	✓ with "F"	✓ with "F"	✓ with "F"	✓ with "F"
Wore Mode	2,3,4		2,3,4,6	2,6	
Panel Color		White/Yellow/Green/Blue (Option)			
Dimensions (HxWxL)		85x85x60mm			



WH-4



WH-4F



WH-5



WH-5F



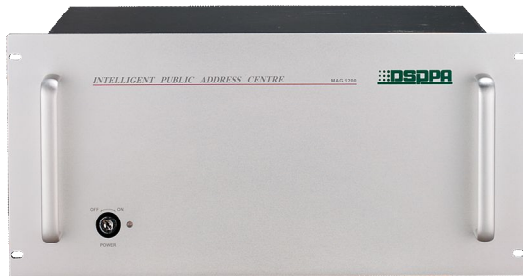
DSP 915/916/918

Mode	DSP915	DSP916	DSP918
Full-range Speaker / HF Driver	5"x1,1"x1	6"x1,1"x1	8"x1,1"x1
Normal Power	20W	40W	60W
Line Voltage	70-100V	70-100V	70-100V
Sensitivity(1m,1W)	92dB	92dB	92dB
Max Sound Pressure Level(1m)	105dB	108dB	110dB
Freq. Resp.	60-20,000Hz	50-20,000Hz	45-20,000Hz
Dimensions	Ø223x196 mm	Ø241x231 mm	Ø192xØ194mm
Hole For Mounting	Ø165-Ø170 mm	Ø198-Ø203 mm	Ø241-246 mm
Weight	2.6kg	4kg	5.7kg

MAG Multimedia PA System



MAG1169/MAG 1189 Public Address Host



MAG-1169/MAG-1189

- ◆ User-friendly design large screen.
- ◆ User-friendly design large screen.
- ◆ Touch screen (track ball)-simple and easy to use.
- ◆ Powerful zone matrix, 4-17 channels for audio signal input, 4-64 speaker zones for output without interference each other. 8 sound sources can be distributed to 64 zones simultaneously.
- ◆ Internal DAPPA sound resource, continuous BGM playing without repeat at least one week, also provide custom sound resource such as : the National Anthem, course break exercise song, Optional hourly chime and voice for any purpose of broadcast.
- ◆ Programmable interface for fire alarm. Auto announcement is possible whether the speaker selector is on or off.
- ◆ Network multipoint technology allows authorized users to manage the remote MAG PA host across network.
- ◆ "Green" operation system, the best and peripheral equipment can be programmed and timed, run with less energy automatically.
- ◆ 1-4 remote paging microphone.
- ◆ Telephone interface, enable remote phone broadcasting and holding a telephone conference.
- ◆ Diagnostic card: Auto detect short circuit open circuit and other fault when use of MAG power amplifier and classroom amplifier.
- ◆ Digital pre-record output sound card.
- ◆ MAG can record and edit program from microphone or built-in CD Player.
- ◆ The advanced automatic recover function after the failure of system.

MAG-1200 Extender



MAG-1200 Extender

- ◆ For MAG1000 series extension;
- ◆ For ADR series, extending with alarm module and phone module;
- ◆ For MAG5000 series, extending with alarm module and phone module;
- ◆ 1-12 modules can be extended in one Extender, and links are available.

MAG1306/1312/1325/1335 Dual Channel Power Amplifiers

MAG1306/1312/1325/1335 Dual Channel Power Amplifiers

- ◆ Diagnostic card capability is optional.
- ◆ Tone and Volume Control.
- ◆ Output voltage-70v,100v,200v/three wire mode.
- ◆ Phonetic File card for alarm is optional.



1548 M/S Pre-Amplifier Selector



MAG 1488 Remote Paging Selector

MAG1548 Switcher

- ◆ 6 mono channels, 2 mic input.
- ◆ 8 mono channels output switch.
- ◆ Main PA system and spare PA system switch able, ensure PA system stabilization.
- ◆ Easy operation status, connect to main system automatically when power is break.

MAG1488 II Remote Paging Microphone

- ◆ Cable remote paging range up to 1 km.
- ◆ 64 zones, Switching at we'll.
- ◆ 2 chimes available.
- ◆ Volume adjustable.
- ◆ Zone indicator, volume level indicator.

MAG 1169 PA Center	
MAG 1189 PA Center	
MAG Software (charge with host)	
MAG 1864 Output Module	
MAG 1880 EMC Input Module	
MAG 1832 EMC Output Module	
MAG 1824 Phone Module	
MAG 1826 Remote Call Module	
MAG 1820 Periphery Control Module	

MAG 1822 Normal Input Module	
MAG 1300 Communication Module	
MAG1200 Extender	
1548 M/S Pre.Amplifier Selector	
MAG 1488II Remote Paging Selector	
MAG1306 Amplifiers(2*60W)	
MAG1312 Amplifiers(2*120W)	
MAG1325 Amplifiers(2*250W)	
MAG1335 Amplifiers(2*350W)	

Addressable PA System



ADR01 Addressable PA Host

ADR01 Addressable PA Host

- ◆ Failure and volume detecting automatically(The characteristic of DSPPA addressable PA System , protected by patent, safeguard for reliability). When the terminals lose electricity, failure, or the wires failure, the indicator lights will show these failures.
- ◆ BUS wiring system, simple and convenient. A pair of controlling wires. 2 to 8 pairs if music signals power wires. These wires can reach every zone, and they can be arranged in a reliable circular structure.
- ◆ The system has capacity of setting up to 1600 addressable speakers, and each zone could set up to 16speakers. These make it best for school since the classrooms always be rearranged in each semester or a periodic time. This will show the virtue of the system. The system support "plug and play".
- ◆ The host contains several functions of PA system. It contains the functions of preamplifier and paging selector. It can make up if a PA system with an amplifier and few types of equipment.
- ◆ No necessary to provide power supply for terminal.



ADR11/12 ADR Decoder

ADR11/12 ADR Decoder

- ◆ ADR11: 3 pairs of input wires, including a pair of control wire, a pair of music-signal pore wire, a pair of fire-function wire (or second program signal power). 2 pairs of output wire, one is audio power output, and another is connective signal output.
- ◆ ADR12: Add a pair of volume monitoring wire



ADR02 Programmable Controller

ADR02 Programmable Controller

- ◆ User-friendly display, track ball control, energy save operation.
- ◆ Over 10,000 internal DAPPA sound resources, up to one week no repeated playing.
- ◆ Control ADR01 through timer, zone broadcasting could either be simultaneous or individual up to 100 zones.
- ◆ Two DSPPA sound resources could be played simultaneous.
- ◆ One output used for control signal of time power.
- ◆ ADR03: terminal monitoring function (optional) with special accessories, the users can monitor the volume of each terminal easily.
- ◆ ADR04 has added 8 signal inputs, 100 zones matrix control, and 12" large screen.



WL-223/423/523/623



WL-224

MODE IN-DOOR	WL-223/WL523/WL423	WL-224
FULL-RANGE SPCUKER/HF DRIVER	3"×1 6.5"×1	3"×1 6.5"×2
NOML POWER	8W	16W
MAX POWER	15W	30W
LINE VOLTAGE	70-100V	70-100V
SENSITIVITY (1m,1W)	88dB	91dB
MAX SOUND PRESSURE LEVEL (1m)	91dB	94dB
FREQ.RESP	100-16,000Hz	100-16,000Hz
DIMENSIONS(H×W×L)	330×120×220mm	500×120×200mm
WEIGHT	3.8kg/4.2kg/4.2kg	6.3kg

ADR01 Addressable PA Host	
ADR02 Programmable Controller	
ADR03 Programmable Controller	
ADR11Addressable Decoder	
ADR12Addressable Decoder	

WI 224(20w) Speaker	
WI 223(10w) Speaker	
WI 523 Speaker with decoder	
WI423 Speaker with decoder and volume detector	

MAG Network PA System



MAG5182 Network PA Host



MAG5401 Broadcast Terminal



MAG5266 Programmable Broadcast Terminal



MAG5366 Paging Broadcast Terminal

MAG5182 Network PA Host

- ◆ Digital transfer. Less distortion & higher N/S than analog signaltransfer system.
- ◆ Link with LAN.
- ◆ Inherit and exploit the capacity of initial MAG system. More powerful and more flexible.
- ◆ Up to 128 zones can beset (every zone can include 200 broadcast terminals,and every terminal can belong to different zones).
- ◆ Remote surveillance, remote diagnose and remote software update are available (internet support may be necessary).
- ◆ Large screen, controlling by touch screen (or track ball), powerful public address matrix, inside DSPPA program resource, can be made according to the need of subscriber. Local line joint. Picking up and transferring the call automatically. With functions of timing, dividing zones, paging, alarming, local call playing automatically. Running with less energy.
- ◆ Working status of every section is clear at a glance.

MAG5401 Broadcast Terminal:

- ◆ It can be connected into LAN anywhere.
- ◆ Broadcast the program from the host, include paging and fire functions.
- ◆ Accept calls from paging terminals.
- ◆ The volume is adjustable.

MAG5266 Programmable Broadcast Terminal

- ◆ It can be connected into LAN anywhere.
- ◆ Program request to the host is available.
- ◆ Broadcast the program from the host, include paging and fire functions.
- ◆ Accept calls from paging terminals.
- ◆ Control by track ball, run with less energy.

MAG5366 Paging Broadcast Terminal

- ◆ It can be connected into LAN anywhere.
- ◆ Send paging to zones in LAN.
- ◆ Different sound resources in the host can be chosen and played in this equipment.
- ◆ All sections and their status can be shown on the rolling window.
- ◆ Broadcast the program from the host, include paging and fire function.
- ◆ Accept calls from paging terminals.
- ◆ Control by track ball, run with less energy.

MAG5182 Network PA Host	
MAG5401 Broadcast Terminal	

MAG5266 Broadcast Terminal	
MAG5366 Broadcast Terminal	
MAG Software	

Digital Intercom PA System



MP6801P Intercom Router



MP6802R Remote Interphone



MP6803M Intercom Switcher

MP6801P Intercom Router

- ◆ With 20 joints for terminal
- ◆ It can be extended and liked
- ◆ Indicator light shows situation of every terminal
- ◆ 3 grade preference choice
- ◆ 1-4 groups of intercoms can be combined
- ◆ The furthest transmit distance is 1000m

MP6802R Remote Interphone

- ◆ 1-100 public address terminals can be chosen directly
- ◆ The furthest transmit distance is 1000m
- ◆ With siren input and output
- ◆ 10w/4ohm amplifier is inside, speaker is outside
- ◆ 2 kinds of special chime are inside
- ◆ Indicator light shows online situation of every terminal
- ◆ Volume is adjustable and shown

MP6803M Intercom Switcher

- ◆ It can joint 5 MP6801P and compose an Intercom PA Sytem with 1-100 terminals
- ◆ Indicator light shows situation of every terminal

MP6801P Intercom Router	
MP6802R Remote Interphone	
MP6803M Intercom Switcher	

Conference System

MODEL	MP-6906	MP-6912	MP-6925	MP-6935
RATED POWER	60W	120W	250W	350W
OUTPUT ADJUSTMENT RADIO	<3dB (Full to Empty)			
INPUT SENSITIVITY	MIC:2.5±0.5MV (unbalanced)			
	MIC:5±1MV (balanced)			
	LINE:250±50MV			
FREQ RESP	50Hz-20KHz ±3dB			
THD	<0.5% at 1KHz			
S/N RATIO	MIC:71dB			
	LINE:85dB			
EQUILIBRIUM	64HZ: ±12dB			
	160HZ: ±12dB			
	400HZ: ±12dB			
	1KHZ: ±12dB			
	2.5KHZ: ±12dB			
	6.4KHZ: ±12dB			
	15KHZ: ±12dB			
PROTECTION	DC Output,overload,short-circuit			
MUTE	MIC1>Chime			
POWER SUPPLY	AC220V/50HZ, DC24V			
FREQ SHIFT RANGE	0-5HZ			
POWER CONSUMPTION	120W	250W	500W	650W
DIMENSIONS (H x W x L)	88 x 430 x 368 MM			
GROSS WEIGHT	12.5 Kg	13.5 Kg	15.5Kg	16.5Kg
NET WEIGHT	11 Kg	12 Kg	14Kg	15 Kg

Central Control Unit (with Amplifier)

- ◆ 6 balanced MIC inputs with phantom power,4AUXinputs
- ◆ Built-in anti-feedback circuit,frequency shifter & equalizer
- ◆ With multifunction of pre amplifier
- ◆ All sections and their status can be shown on the rolling window.
- ◆ Suitable for conference public address



MP6906	
MP6912	
MP6925	
MP6935	

Digital Conference System



Digital Control Unit MP6941

MP6941	
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- ◆ Up to 128 MIC link with one unit, Max.4096 MIC link through multi-unit series
- ◆ Up to 5 translation units link for 6 language simultaneous translation
- ◆ Audio input port for external sound source input, outputs to linking amplifiers or recorder for broadcast or record
- ◆ MIC in-use amount limitation (1/2/4/6 available), chairman MICunit exemption
- ◆ Built-in equalizer & frequency shifter for anti-feedback
- ◆ Link with telephone intercoupler for telephone meeting

- ◆ Using for speech & voting
- ◆ Built-in flat speaker and earphone socket with volume control function
- ◆ Detachable high-directivity microphone with anti-feedback function
- ◆ Chairman unit with LCD screen for information display
- ◆ Built-in equalizer & frequency shifter for anti-feedback
- ◆ "hand-in-hand" series mode, easy for connection among units



Chairman Unit MP6942

MP6942	
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Member Unit MP6943

MP6943	
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Digital Programmable Control unit MP9866

MP9866	
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- ◆ Offering multi-conference modes including free-talk mode, alterbate-talk mode and active microphone limitation mode
- ◆ Control unit manage the number of active microphones and their activation mode
- ◆ Voice amplification through amplifier and speakers in the system
- ◆ Audio input/ output port acan connect with amplifier or recorder
- ◆ Telephone input port offering telephone meeting function
- ◆ Connect with up to 105 microphones in the system



Chairman unit CM60

CM60	
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Member unit CM61

CM61	
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Cables	2m	5m	10m	CL64 cross Connector

Family Music Console



HM6813 Luxury Family Music Playing & Control Device

- ◆ Modern family music playing and control device with multi-functions
- ◆ Built-in MP3 player, FM & AM digital radio
- ◆ USB port supporting programme playing in external flash disk / portable hard disk
- ◆ With DVD, PC, TV, AUX audio inputs, MP3 and radio audio outputs
- ◆ Up to 6 stereo audio outputs to 6 rooms, independent volume & tone control, and optional sound source input functions in each room
- ◆ Music playing and control functions available from both system control device operation and room remote control operation
- ◆ Timing playing function managing 4 external sound source devices and 2 built-in sound sources
- ◆ 100 timing points with second unit in one day, weekly timing periodic playing



HM6812 Standard Family Music Playing & Control Device

- ◆ Modern family music playing and control device with 6-zone control functions
- ◆ With remote control pad and infrared controller, room remote control functions available such as room turnon/turnoff, sound source selection, volume and tone control
- ◆ Control device with amplifier function having 6 channel outputs, with 6 stereo audio inputs including DVD, MP3, Radio, PC, TV, AUX
- ◆ Control device with signal matrix function (6 sound source inputs, 6 zone outputs)
- ◆ Soft-touch operation, key prompt tone function, with status indicator
- ◆ 6-room independent turnon/turnoff, volume & tone control function
- ◆ Supplying with remote control pad and controller for room turnon/turnoff, sound source selection, volume and tone control
- ◆ With operation status memory function after power off



HM20R Standard Remote Control Pad

- ◆ Easy-operation wired remote controller pad for HM6812 Family Music Playing & Control Device
- ◆ Soft-touch operation
- ◆ Same functions with control device including room sound source selection, volume and tone control
- ◆ With key prompt tone, sound source open indicating function
- ◆ With presetting address code in each controlled room
- ◆ Up to 300 meters control distance from control device
- ◆ Remote control by infrared controller



HM30R Luxury Remote Control Pad

- ◆ Easy-operation wired remote controller pad for HM6813 Family Music Playing & Control Device
- ◆ Soft-touch operation, luxury design with LCD display
- ◆ Same functions with control device including room sound source selection, volume & tone adjustment, MP3 programme lookup, and radio control
- ◆ With presetting address code in each controlled room
- ◆ Up to 300 meters control distance from control device
- ◆ Remote control by infrared controller



HM21 Infrared Remote Controller

- ◆ Soft-touch operation
- ◆ With sound source selection, volume and tone control function
- ◆ With AM/FM or mono/stereo (only for luxury model) switch function
- ◆ Luxury model with MP3 programme selection function

Why to choose this system?

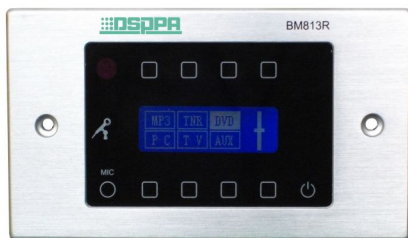
- ◆ DSPPA Family Music Console is an intelligent music playing control system installed in modern houses. Except for all functions of home compact audio system, its distinctions include:
 1. Timing playing function. At the presetting time, this system can run programmes automatically, for instance, clock bell for reminding your getting up, music playing before your coming back home, TV news cut-in the music in your room.
 2. Playing different programme in different room. The elder can enjoy light music while young people can excite for pop music in their own rooms. All these operations can be simultaneous.
- ◆ Room Control Function, i.e., remote control operations of the control device through room's control pad, such as control device programme selection, room volume and tone adjustment.
- ◆ System control device combines MP3 player, radio, zone selector, timer and amplifier. It has DVD, PC, TV, AUX audio input ports, MP3, radio audio output ports. 6 stereo audio output channels connect with 6 rooms. 6 remote control signal interfaces linking with remote control pads, supports two-way control between them.

MP6813	MP6812	HM30R	HM20R	HM21



Home Central Audio System AM8130

- ◆ LCD control menu with paging function for 32 zones
- ◆ Digital signal transmission, high-fidelity sound output
- ◆ Infrared remote control DVD and TV
- ◆ Special design functions for large zones
- ◆ Built in MP3 Player and Tuner, 4 audio AUX inputs
- ◆ Timing programmable and broadcasting function
- ◆ Individual stereo audio sources output in different zones
- ◆ Signal matrix function, ensuring audio sources input & Output independently



Zone Control Pad BM813R

- ◆ Zones paging function
- ◆ Built in high performance digital amplifier at HI-FI level
- ◆ Audio source selection, volume & bass adjustable
- ◆ Search & display MP3 Music, Radio control
- ◆ Touch pad in wall structure
- ◆ Infrared remote control function, easy for operation



Infrared Remoted Controller FM808

- ◆ Audio sources selection, volume & Bass adjustable
- ◆ Tuner remote function
- ◆ MP3 Player remote function

AM8130	
BM813R	
FM808	

MP3 PART

ITEM	Specification
COMPATIBLE FILE TYPE	MP3 format, code rate<320kbps
COMPATIBLE DEVICE	Compatible most of devices with USB interface
FREQ.RESP.	20Hz-20KHz
DISTORTION	<0.2%

AM/FM TUNER PART

Item		Specification
AM	Freq. range	522-1620KHz
	Sensitivity	52dB μ
	S/N	35dB
	Transmission bands	6kHz
	Distortion	0.002
FM	Freq. range	87.0MHz-108.0MHz
	Sensitivity	18dB μ
	S/N	MONO 75dB, Stereo 70dB
	Transmission bands	15kHz
	Distortion	0.006
	Stereo Isolation	35dB

TIMING PART

Item	Specification
Programmable Power control	1 Channel
Socket Capacity	220V, 2A
Time Format	24 hour
Timing Points	600 points every day, all week without repeat
Zones programmable items	a. Zones switch
	b. Music source selection
	c. Volume Control
	d. Treble, bass control
	e. MP3 Player control
	f. AM/FM Control

INTEGRATION PARTS

Item	Specification	
Maximum Room control Pad Quantity	32 PCS Maximum	
Host zones Qty.	2 zones, each zone with stereo Amplifier	
Control Pad interface	CAT.5 Connector	
Audio Specification	Line input Sensitivity	500mV \pm 50mV
	Line input Resistance	>10k Ω
	Zone output Power	4X80W/8 Ω
	Freq. Resp.	20Hz-20kHz
	Distortion	Less than 0.2%, based on 1kHz, 1/8
	Tone Control	Bass: \pm 12dB/100Hz
		Treble: \pm 12dB/10kHz
S/N	76dB	
DC36V Power Output	<250W	
AC Power	AC220-240V/50-60Hz	
Power Consumption	<500W	
FUSE	AC220V/F8A	
Measurement (L×W×H)	430×340×132mm	
Net weight	13kg	

Portable Public Address System



MP9988
(Front view)



wireless MIC
(earphone / collar clip type)



Transmitter



MP9988
(Rear view)

- ◆ This portable public address system consists of one control unit (MP9988), one RF wireless transmitter and one wireless microphone.
- ◆ The system is ideal for broadcasting in store, supermarket, auditorium or outdoor use.
- ◆ The control unit is combined by amplifier and speaker. It can receive the signal transmitted from wireless microphone.
- ◆ Volume, tone and echo control available
- ◆ Efficient working distance is 30-120m(radius), efficient frequency is 190MHz-220MHz
- ◆ Wire and wireless microphone are available at the same time
- ◆ Three options of power supply; AC220V、 built-in rechargeable battery、 extraconnected DC12V.

Specifications:	
Frequency Band	(190-220) MHz
Frequency Response	(40-13000) Hz
Dynamic Range	110dB
Temperature	0°C-45°C
Efficient distance	Radius (30-120) m
Distortion:	<1%
Volume control:	±10dB
Frequency Stability	0.00005
Record output:	≤75mV

MP9988	
Transmitter	
Wireless MIC	
Earphone	
Collar clip	

Professional PA Speaker Series

Professional PA Speaker Series

Pro110



Drive unit	10" Subwoofer× 1, 6" HF×2
Impedance	8 Ohms
Rated Power	150W
Max. Power	300W
Sensitivity (1m,1 W)	93dB±2dB
Max. Sound Pressure Level (1m)	115dB±2dB
Freq. Response.	50-20,000Hz
Dimension (L×W×H)	498×301×275mm
Net Weight	16Kg

Pro118B
Subwoofer



Drive unit	18" subwoofer ×1
Impedance	8 Ohms
Rated Power	500W
Max. Power	1000W
Sensitivity (1m,1 W)	96dB±2dB
Max. Sound Pressure Level (1m)	123dB±2dB
Freq. Response.	40-300Hz
Dimension (L×W×H)	550×510×650mm
Weight	42Kg

Pro128B



Drive unit	18" Subwoofer×2
Impedance	4 Ohms
Rated Power	1200W
Max. Power	2400W
Sensitivity (1m,1 W)	101dB±2dB
Max. Sound Pressure Level (1m)	132dB±2dB
Freq. Response.	35-300Hz
Dimension (L×W×H)	1160X595×580mm
Net Weight	84Kg

Pro101



Drive unit	12" subwoofer×1, 34 core HF×1
Impedance	8 Ohms
Rated Power	200W
Max. Power	400W
Sensitivity (1m,1 W)	96dB±2dB
Max. Sound Pressure Level (1m)	119dB±2dB
Freq. Response.	60-20,000Hz
Dimension (L×W×H)	390×400×636mm
Net Weight	24Kg

Pro102

Drive unit	15" Subwoofer×1, 44 core HF×1
Impedance	8 Ohms
Rated Power	300W
Max. Power	600W
Sensitivity (1m,1 W)	97dB±2dB
Max. Sound Pressure Level (1m)	122dB±2dB
Freq. Response.	55-20,000Hz
Dimension (L×W×H)	480×420×780mm
Net Weight	29Kg

Pro103

Drive unit	15" Subwoofer×1, 6" Mediant×1, 34 core HF×1
Impedance	8 Ohms
Rated Power	350W
Max. Power	700W
Sensitivity (1m,1 W)	97dB±2dB
Max. Sound Pressure Level (1m)	122dB±2dB
Freq. Response.	50-20,000Hz
Dimension (L×W×H)	480×490×890mm
Net Weight	38Kg

Pro104

Drive unit	15" LF ×2, 44 core HF×1
Impedance	4 Ohms
Rated Power	700W
Max. Power	1400W
Sensitivity (1m,1 W)	97dB±2dB
Max. Sound Pressure Level (1m)	125dB±2dB
Freq. Response.	50-20.000Hz
Dimension (L×W×H)	490×550×1160mm
Net Weight	54Kg

Line array Speaker

M05



Drive unit	5" Subwoofer ×2, 34 core HF×1
Impedance	16 Ohms
Rated Power	40-150W
LF Sensitivity	92dB±2dB
MF/ HF Sensitivity	105dB±2dB
Freq. Response.	100-20,000Hz
Dimension (L×W×H)	626×320×172mm
Net Weight	21Kg

M05B

Subwoofer



Drive unit	15" Subwoofer×1
Impedance	8 Ohms
Rated Power	500W
Sensitivity (1m,1 W)	98dB±2dB
Max. Sound Pressure Level (1m)	125dB±2dB
Freq. Response.	45-200Hz
Dimension (L×W×H)	626×457×448mm
Net Weight	36Kg

M08



Drive unit	8" Subwoofer ×2, 44 core HF×1
Impedance	16 Ohms
Rated Power	120-300W
LF Sensitivity	98dB±2dB
MF/ HF Sensitivity	110dB±2dB
Freq. Response.	120-18,000Hz
Dimension (L×W×H)	718×586×281mm
Net Weight	36Kg

M08B**Subwoofer**

Drive unit	15" Subwoofer×2
Impedance	4 Ohms
Rated Power	1200W
Sensitivity	99dB±2dB
Max. Sound Pressure Level (1m)	130dB±2dB
Freq. Response.	40-120Hz
Dimension (L×W×H)	718×630×448mm
Net Weight	81Kg

M10

Drive unit	10" Subwoofer×2, 52 core HF×1
Impedance	16 Ohms
Rated Power	200-600W
LF Sensitivity	100dB±2dB
MF/ HF Sensitivity	110dB±2dB
Freq. Response.	70-16,000Hz
Dimension (L×W×H)	1084×530×343mm
Net Weight	80Kg

M10B**Subwoofer**

Drive unit	15" Subwoofer×2
Impedance	4 Ohms
Rated Power	1200W
Sensitivity (1m, 1 W)	102dB±2dB
Max. Sound Pressure Level (1m)	133dB±2dB
Freq. Response.	40-120Hz
Dimension (L×W×H)	1081×860×778mm
Net Weight	139Kg

Racks

Mode	MP1118	MP1115	MP1110	MP1105
Dimensions(HxWxL)	1850x535x485 mm	1472x535x485 mm	1033x535x485 mm	591x535x485m m
Interior Size	39U	29U	19U	9U
Color	Black/Blue			



MP1118	
MP1115	
MP1110	
MP1105	

Mode	MP-40U	MP-30U	MP20U
Dimensions(HxWxL)	2005x525x625 mm	1578x525x625 mm	1117x525x625 mm
Interior Size	40U	30U	20U
Color	GREY		



MP-40U	
MP-30U	
MP-20U	

DSPPA System reserves the rights to change any features and specifications without prior notice

FOB Guangzhou, China
 One Year Manufacturer's Warranty
 OEM/ODM Welcome (Contact Us for Details)
Guangzhou DSPPA Audio Co., Ltd
Room 1701, Bank of America plaza, 555 Renmingzhou Road, Guangzhou, China 510145
 Phone: +86-20-81300067 / 28346168 Fax: +86-20-81300311

<http://www.dsppa.us>