

NSPPA
Public Address System

NSPPA

PUBLIC ADDRESS SYSTEM



NSPPA

Guangzhou NSPPA Audio Co., Ltd.
Room 1201 Bank of America Plaza
160 Beiyuan Road, Guangzhou City, Guangdong Province P.R. China 510145
Factory Add: No. 1 Nishi Road, Jiangnan Town, Baiyun District, Guangzhou City,
Guangdong Province P.R. China 510440
Tel: +86 (0)20 8120 0087
Fax: +86 (0)20 8120 0087
Email: export@nsppa.com
Website: www.nsppa.cn

NSPPA Catalogue



PA Supplier of 2008 Beijing Olympic Stadiums



PA Supplier of Expo 2010 Shanghai, China



PA Supplier of High-speed Railway of China

Public Address System

Contents

MAG1000 Series Intelligent PA System.....	01
MAG5000 Series Network PA System.....	04
Addressable PA System.....	07
PC-link PA Equipment-PC10 Series.....	13
Automatic PA Equipment-MP98 Series.....	22
Mixing/Classroom/Power Amplifier.....	30
All-in-One Amplifier	34
Local Primary Reference.....	36
Home Central Audio System	37
AUX51-T Speakers.....	39
Column Speakers.....	40
Ceiling Speakers	46
Wall Mounted Speakers.....	51
Painting /Horn Speakers.....	54
Garden Speakers	57
Microphones	60
Volume Controllers.....	61
Racks.....	62



Company Profile



DSPPA Audio Co., Ltd. Is a leading Public Address/Emergency Broadcast System manufacturer with 19 years designing and manufacturing experience. Through cooperating with the American leading PA developer SAC Corporation, DSPPA develop the world advanced Public Address/Emergency Broadcast series Products. The products with "DSPPA" brand include: Amplifiers, Column Speakers, Ceiling Speakers, Wall-mount Box Speakers, Garden Speakers, Intelligent PA System series products, MAG Multimedia PA System, Addressable PA System, Network PA System, Digital Conference System and Family Music Console. DSPPA has a country-wide sales network in China with over 100 official distributors. On global markets, DSPPA Products have been launched to over 40 countries.

The success of DSPPA is based on advanced technology, market-orientated operation philosophy and customer satisfaction management. Through the insistent efforts, DSPPA is dedicated to providing the first-class products and service for worldwide clients. At this beginning of 2007, we took the honor to be one of sound system suppliers for 2008 Beijing Olympic game.

DSPPA PUBLIC ADDRESS SYSTEM
HERITAGE OF QUALITY WITH SERVICE-ORIENTED



Certificates

In pursuit of being a reliable and excellent quality brand, DSPPA pioneers in various products and management test and have obtained many acknowledged certificates, include:

ISO9001:2000 Quality Management System Certificate
3C Certificate: Certificate for China Compulsory Product Certification
CE Certificate
IP x6 Waterproof Certificate
Certificate of Conformity for Electrical Equipment
S&S Certificate: Intelligent Public Address Host MAG1189 is assessed as "Five-star" product and award "S&S" Certificate by Chinese Institute of Electronics Audio Engineering Society.

DSPPA R&D and Production Center

DSPPA R&D Production Center Locates at Jinggao Industry Zone, Baiyun District, Guangzhou, with nearly 30,000 square meters coverage. This Center is consisting of Product R&D Department, Product Quality Control Department, Logistic Department, Warehouse and two modern Workshops. The production and management comply with the standards of ISO14000 and ISO9001. This environment-Productive typed enterprise provides gardenly working and living environment for over 300 employees and 50 technical staffs.





MAG1169 /MAG1189 Intelligent PA System Centre

DSPPA Intelligent PA System MAG1000 series has gathered all functions of the former systems with built-in BGM continuous playback for 168 hours!

- Friendly wide screen
- Touch screen(or Touch pad),simple to operate
- Automatic Chinese/English display mode conversion
- Powerful zone matrix,4-17 channels for audio signals input,4-64 speaker zones for output
- Without interfering each other
- Built-in DSPPA sound resource for BGM. Support background music without external source device (up to one week with no repeat)
- Customized sound sources are available, such as ceremonial music, body exercises music, chimes, alarms, etc.
- Telephone interface and auto phone-call responding are available which will be convenient for phone broadcasting and telephone conferencing
- 1-4 remote paging channels
- Fire function for all kinds of emergency broadcasting, alarming and paging
- "Green" operating system, main part and external outlets can be programmed for automatic power saving
- The technology of the emergency work with a compensation system after system-crash



Model	MAG1169	MAG1189
Screen	Color 10.4"	Color 10.4"
controls	Touch pad	Touch pad+Touch screen
Dimension	483X380X300mm	
Weight	26kg	26kg

Specifications are subjected to be changed without notice.

8M/S Intelligent PA Amplifier DA8006/DA8010/DA8020/DA8030

- 8 independent main amplifier channels, one spare amplifier channel
- Each amplifier channel has separate input and output ports ,one input to one output
- Each amplifier channel has independent digital volume control function, which can make the local and remote volume controls
- The main/spare device switch function can be switched automatically, manually or remotely
- High-power switching power supply design, with over voltage, over current, over temperature protection
- Communicated with the host PMM3189(the host can remotely adjust the volume, achieve main/spare switch, and display the volume, status, and temperature etc. of each channel)
- The LCD screen can display the real-time work information and status for each amplifier channel
- 100V of constant pressure for each channel output
- The communication interface can link many amplifiers hand in hand



Model	DA8006	DA8010	DA8020	DA8030
Rated Output Power (per channel)	60W	100W	200W	300W
Rated Output Voltage	100V			
Input Sensitivity	0dB			
Frequency response	50Hz~20KHz(±3dB)			
SNR	80dB			
Crosstalk	-70dB			
Machine Size(mm)	360X484X132			
Net Weight	11.1kg	13.8kg	18.5kg	21.9kg

Specifications are subjected to be changed without notice.

MAG-1200 Extender

This equipment is an used for extending the modules for MAG1169/MAG1189.when the number of the function modules which the system needs to be equipped with surpasses 12,one more equipment must be used so as to extend the module capacity. The use method for each module is the same when being mounted on the mainframe.

- It is used to MAG1000/5000 series and ADR series extension
- 1~12 modules can be extended in one extender,and link is available



MAG1306II/MAG1312 II/ MAG1325II/MAG1335II Twin Channel Power Amplifier

- Diagnostic card capability is optional
- Tone and Volume control are available
- Output voltage 70V,100V,200V/three wire mode
- Phonetic File card for alarm is optional

Model	MAG1306	MAG1312	MAG1325	MAG1335
Rated power	60W	120W	250W	350W
Output Mode	70V/100V/200V			
SNR	>80dB			
Input sensitivity	0dBV			
FREQ. Response	70Hz ~16kHz (±3dB)			
THD (1KHz)	<0.5%			
consuming power	100W	200W	400W	600W
Dimensions	443x483x88 mm			
Net weight	16Kg	18.6 Kg	22.6 Kg	26 Kg

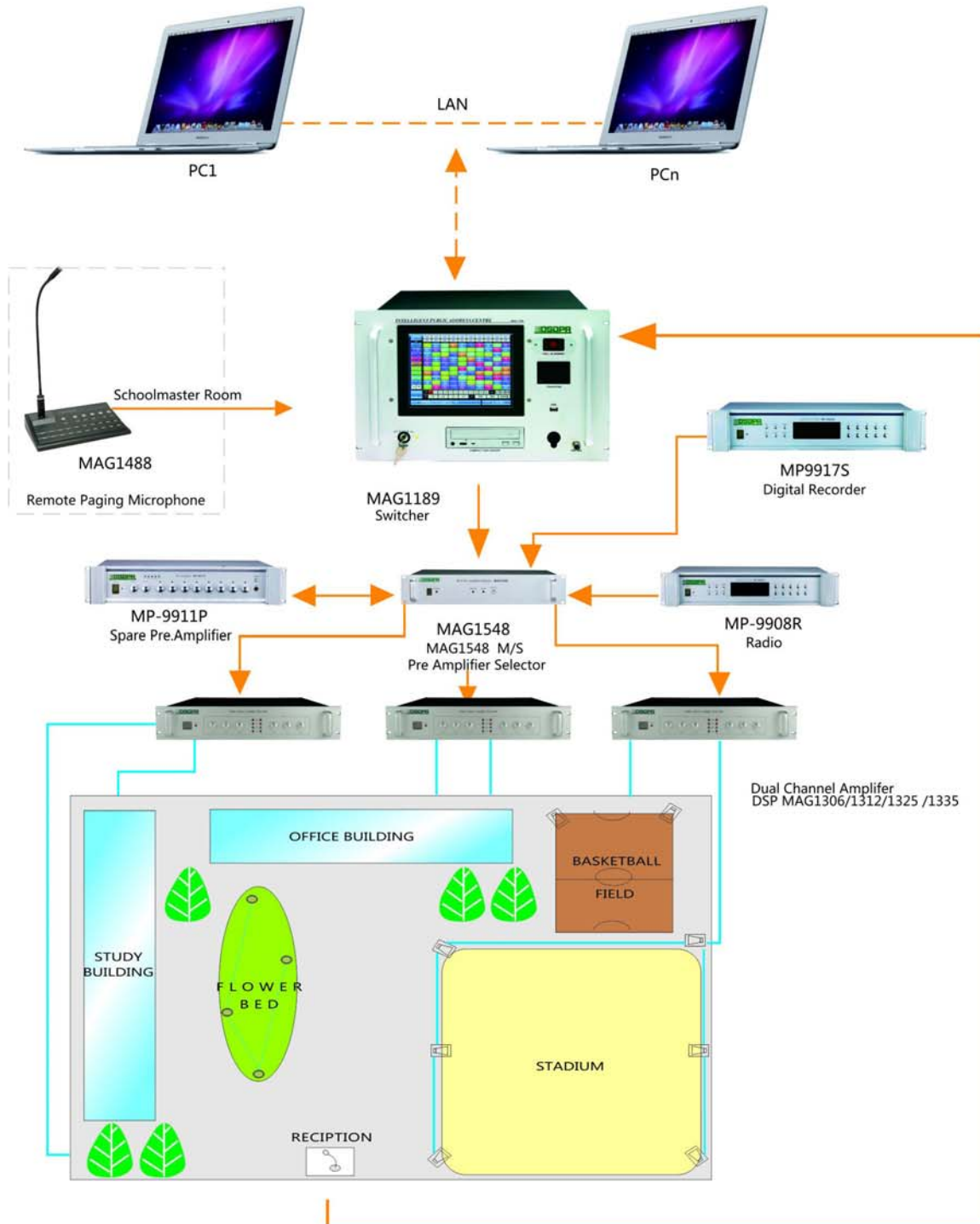
Specifications are subjected to be changed without notice.



MAG1548 M/S Pre-amplifier Switcher

- 6 mono channels,2 mic input.8 mono channels output switch.
Single working as sound source distributor: separating one sound source into two same sound sources
- Main PA system and spare PA system switchable, ensure PA system stabilization
- Easy operation status, connect to main system automatically when power is break





Network Public Address Center MAG5182



- Full transmission, less distortion and higher SNR, comparing with analog signal transmission.
- The LAN can be used as main medium. The existing LAN or internet can be used to realize multiple network unification. But its performance is subject to the network bandwidth limitation.
- It inherits and develops the features of the first DSPPA-MAG intelligent PA system, with stronger function and easier use. For example: zone audio on demand and zone paging are available; different zone with different broadcast or with timing function etc.
- The Host has 4 independence audio input channels and 2 auxiliary mixing audio input channels.
- The audio input channels can be extended by the terminal.
- Each one may contain multiple terminals, 200 terminals links are available and all these terminals can belong to 1 or more partitions at the same time.
- The Centre MAG 5182 contains 5 audio inputs. The audio input terminal can be expanded in the control rooms or in each zone. At most 20 channels are available.
- Remote monitoring, remote diagnose and remote software upgrading function are available (only by internet support)
- With characteristic of DSPPA Network PA System: large touch screen(or touchpad) control: Powerful broadcast matrix; inner DSPPA electro-acoustic broadcasts; city telephone interface for automatic calling connection; timing, zoning, paging, alarm, automatic telephone overriding; energy-saving operation.
- Working status displayed at a glance for each zone.
- The host can save the working diary automatically.

Network Player MAG5401IV



- It can be connected into LAN anywhere
- Broadcasts from the host can be played
- Any calls from the host or paging terminals can be accepted
- Remote infrared control can be accepted
- Use ARM broad as core, switching power supply function
- Local PA system can be accessed by its own microphone and auxiliary input
- The efficient digital amplifier, single audio output 30W in fixed resistance (Ω), directly drives the speakers.
- The remote controller can control the volume, set terminal IP, switch the time(with the host), and turn on or off the power switch etc.

Terminal Player MAG5402IV



- It can be connected in to LAN and anywhere.
- Broadcasting the program from host, included paging and fire function
- It can accept the call from paging terminals
- Remote control available
- Included send paging and request program function

Programmable Player MAG5366



- 8 inch TFT true color touch screen and touch panel simultaneous control
(Expo version only, needs to be customized)
- 8 inch touch pad+touch screen control
- It can be connected into LAN anywhere.
- It can choose many broadcasts in different host and play them locally and can make a request to the host for broadcasts on demand
- Any broadcasts from the host can be received, including paging ,alarm and automatic telephone overriding
- Touchpad and touch screen operated at the same time, automatic energy-saving operation
- Working across the gateway is available

Security Alarm terminal MAG5406

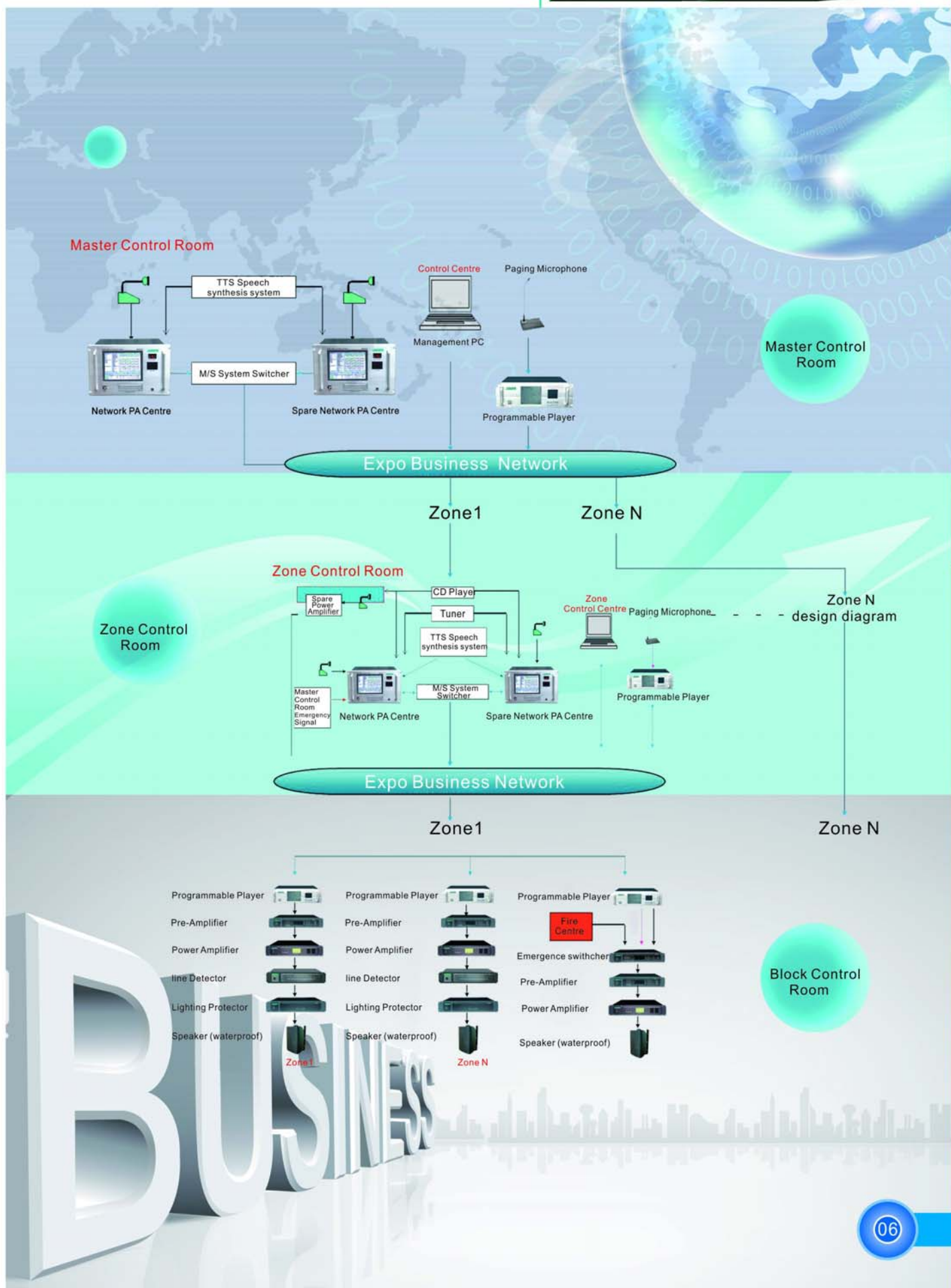


- With network mode as signal transmission media, it can achieve outdoor help alarm interaction with network alarm for help
- The system use unicast technology and make point to point transmission , greatly enhanced network reliability
- The host can be compatible with terminals in different functions , for each terminal to make different response to different request, easy to implement personalized service
- The host can respond to emergency requests from the terminal in time , in order to achieve real-time dialogue between the emergency help points and the monitoring points
- The outdoor emergency help terminal have warning lights , status lights, microphone speakers, and help button ,and the user in case of emergency can easily find the terminal, easy to operate
- The outdoor emergency help terminal has outdoor waterproof and language prompting functions
- The number of the alarm microphone can be added according tot he actual needs of the user
- The new MAG5488 paging microphone can also be used as a monitoring terminal, which can detect the state of the emergency terminal and can choose whether one needs to talk with or not

Remote Paging Microphone MAG5488IV

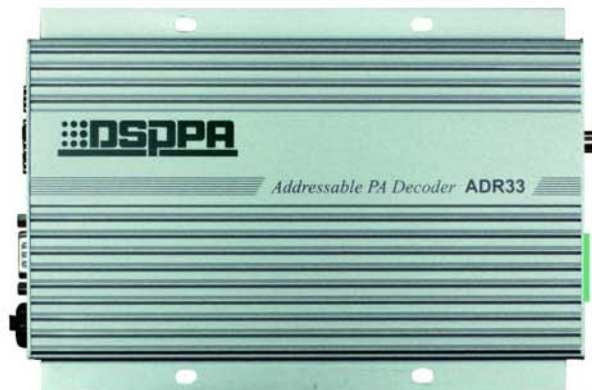


- The remote paging range by cable is valid within 1km
- With random connection and zone busyindicators function
- With 1 microphone ,1 line input and mute function to the microphone and chimes
- With built-in 3 chimes, adjustable volume , the chimes can be changed by LAN
- LCD display , shuttle operation mode





**ADR33 (6+1 Cat5 Cable Transmission)
Address Decoder**



ADR33

- Characteristics of ADR33: Cat5 cable transmission, digital decoding, volume detector, multi-line signal input(select 1 from 6),terminal volume controller, built-in 30 watts/4 ohms power amplifier

**ADR14 Address Decoder (16+1 Coaxial Cable Transmission)
Address Decoder**



ADR14

- Characteristics of ADR14: Coaxial cable transmission, FM decoding, multichannel (select 1 among 16),terminal volume control, built-in 10 watts/4 ohms power amplifier

Specifications are subject to change without notice

**ADR04 (6+1 Cat5 cable Transmission)
ADR05 (16+1 Coaxial Cable Transmission)
Intelligent Timing Player**



- ADR04 can set up 1000 zones, ADR05 248 zones. Renaming checking and timing (or random)
- Double-program playing (single playing and double playing), timing (or random) control
- Real-time zoning audio detecting function
- Exterior CD, tuner and cassette timing playing
- Large program database, high quality recording function
- Zone power timing control, timing point temporary closing and examining timing setting
- Intelligent alarming and telephone paging
- Connected with ADR31 or ADR41 (addressable PA controller) to realize zone timing control
- Friendly operation interface. LCD true color display
- Touch screen and Touch panel operation modes
- The system can be controlled by LAN or internet

ADR32 Remote Zone Paging Microphone

- Up to 1000 zones can be controlled
- Remote control distance is up to one kilometer
- With a microphone, a line input, adjustable volume
- Built-in three practical chimes
- With mute function for the microphone and chimes
- LCD display, shuttle wheel operation



WL 723 Addressable Speaker with Decoder used in "6+1" system

- High-quality cabinet design, sounds are clear and bright
- Zone SPL monitoring function, built-in 30W hi-fi amplifier, ordinary speakers can be connected
- Zone planning and adjusting are no need to change the lines, but just change the address codes, simple construction
- The system can set up 1000 addressable terminals, support plug and play terminal
- 6 outputs for background music, 1 auxiliary input, 1 auxiliary output, 1 microphone input, 1 ordinary output and 1 emergency output
- With bridge wire setting, low-profile operation is available

Specifications

Rated Output	30W
Aux. Output	0.7V
Input	MIC1 600Ω : 15mV, unbalance LINE: 10kΩ, 300mV, unbalance
Output Mode	30W/4Ω
Freq. Resp	MIC 50Hz -15kHz (± 2dB) LINE 50Hz - 20kHz (± 2dB)
Total Harmonic Distortion	≤0.3% 1kHz
S/N Ratio	>75dB
Protection	AC220V/F1A
Power Supply	AC220V-240V/50 -60Hz
Dimensions	(L × W × H) 217 × 195 × 300
Package	(L × W × H) 485 × 270 × 370
G.W	8.0 kg(2pcs)
N.W	3.2kg

Specifications are subject to change without notice



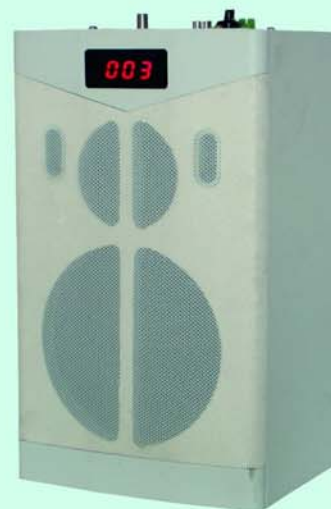
WL 623 Speaker with decoder and amplifier (used in "16+1" system) Addressable Speaker

- Infrared control
- Digital LED (time and channel alternating) display
- 16-way background music input and 1-way emergency signal input
- Built-in high fidelity power amplifier
- Zone planning and adjustment requires no wiring changes, and only changes of terminal address codes will do

Specifications

Items	Parameters	Items	Parameters
Command range	500 meters (amplifiers are needed if the distance exceeds 500 meters)	Zones	248
Frequency response	20Hz-15 kHz (± 3dB)	Signal-to- Noise Ratio	70dB
Total harmonic distortion	Line: ≤0.5%	Input sensitivity	400mv
Output power	10W /4Ω	Protection	1 protective tube / 1A
Dimensions	215X147X41mm	Power	AC 220V (±10%) / 50 - 60Hz
Net weight	1.5kg	Gross weight	1.8 kg

Specifications are subject to change without notice



**ADR31 (6+1 Cat5 Cable Transmission) "1000 Zones"
Addressable Preamplifier**



- Built-in preamplifier, bell hint before calling, zone controller and mute functions
- With convenient zoning function: zone choice, zone switch shuttle operation
- Support plug and play terminal
- The system can control 1000 zones with switching, paging and music playing etc.
- With audio input, microphone input and volume control functions
- Screen displays real-time zone operation and working status

**(16+1 Coaxial Cable Transmission)
Addressable PA Controller**

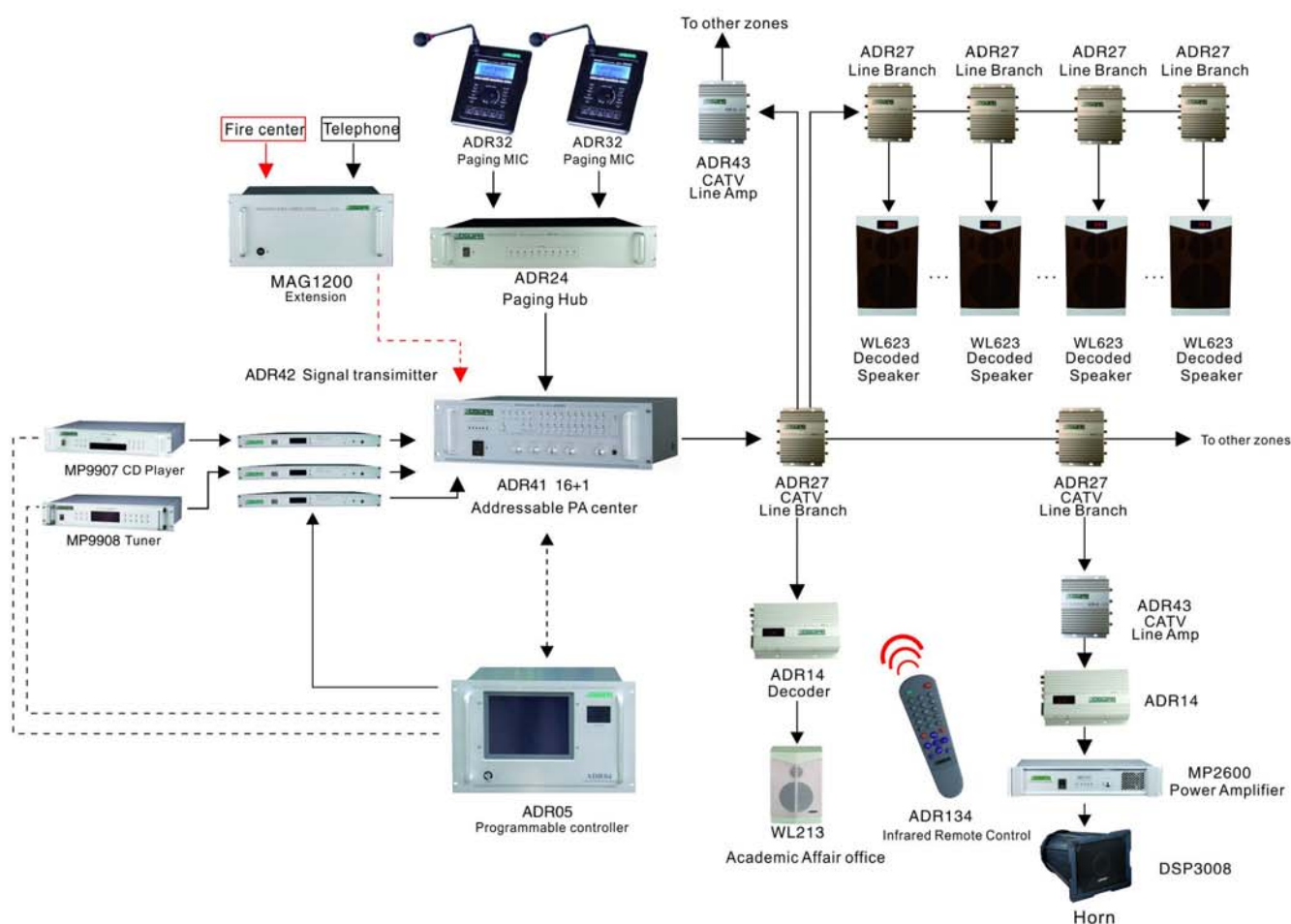


- Built-in pre-amplifier bell hint before calling, zone controller and mute function
- The system of the host (Hereinafter referred to as "system") is bus-master wiring designed, simple and convenient
- Supportive of terminal plug-and-play
- The system contains 248 zones. Zone renaming, checking and timing control are available
- Zoning and adjusting are no need to change the lines, especially suitable for schools
- The system can be controlled by LAN or internet

Case 1 for Addressable PA System Multiple Broadcast PA System (16+1 Coaxial Cable Transmission)

Important Explanation

- Use coaxial cable as transmission media, 16 sets of program can be delivered, simple and convenient
- A host can control 248 zones and it also can be increased to 1000. Zone planning and adjusting are no need to change the lines
- This solution offers a powerful paging function, it is available for any terminal paging in combination
- This solution has the function of free timing playing for each zone. People can determine the playing time and the zones in need
- 16 sets of program can be free selected in each zone, volume is adjustable
- This solution can make up fire control system, telephone conference system and other systems that have more functions through the external interfaces
- CATV line amplifier, line distributor should be purchased based on the actual needs

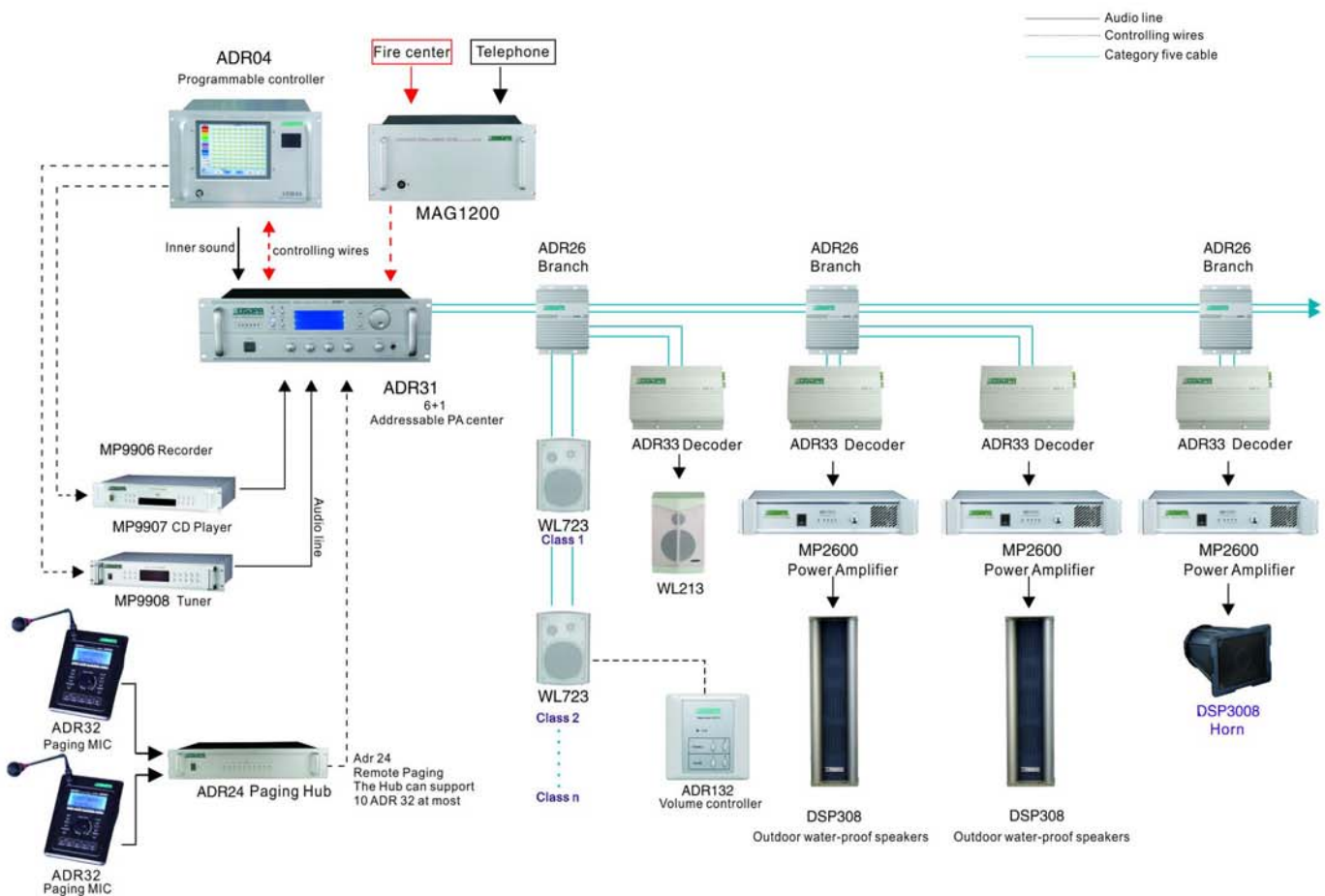


Specifications are subject to change without notice

Case 2 for Addressable PA System 1-6 PA programs with Overriding (6+1; Cat5 cable Transmission)

Important Explanation

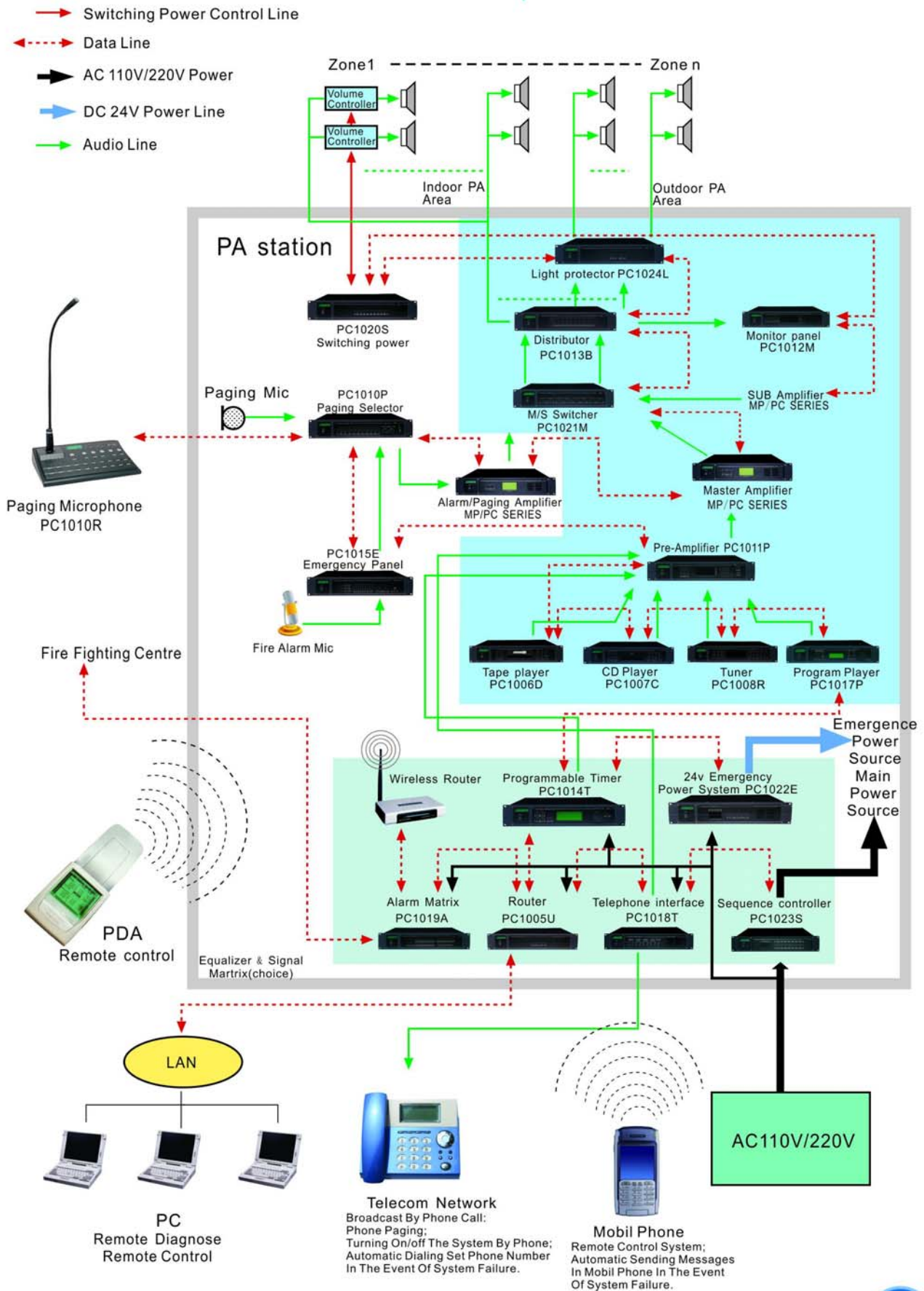
- The system is bus-master wiring designed, simple and convenient, no limited at distance
- Each host can control 1000 zones. More zones can be expanded
- Different zone is offered different program. Zone planning and adjusting are no need to change the lines
- This solution has the function of free timing playing for each zone, people can determine the playing time and the zones in need
- Each broadcast zone can choose the programs freely with volume adjusting and all these operations can be monitored in the control room
- The control room can monitor the volume of each zone
- This solution can make up fire control system, telephone conference system and other systems that have more functions through the external interfaces

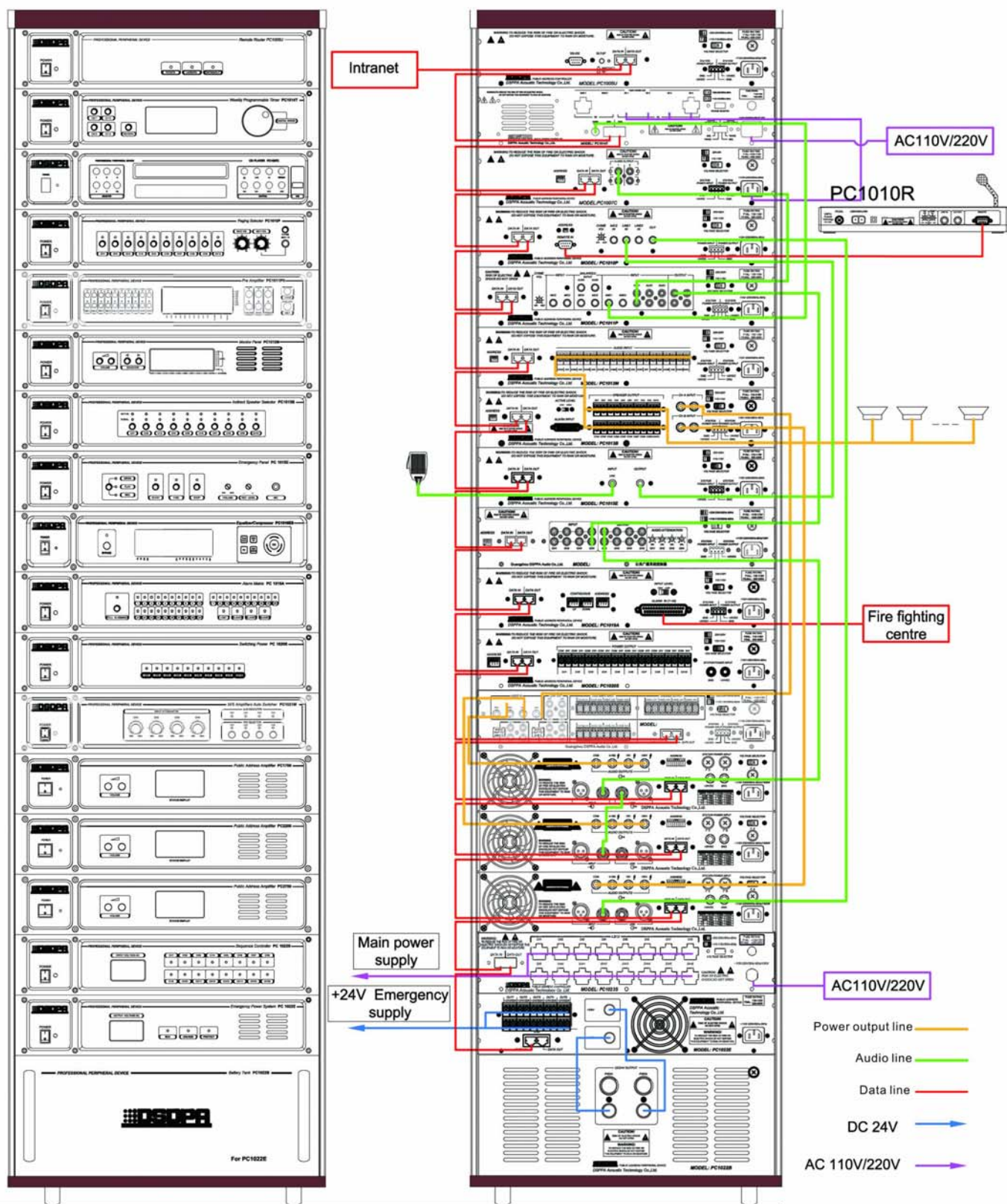


PC10 Series

- 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 Olympic
- 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 emergencies 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 send 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



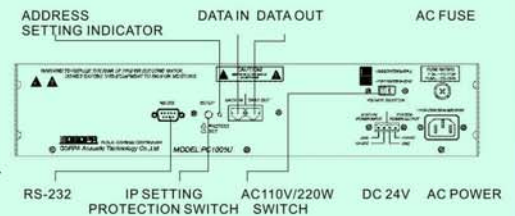






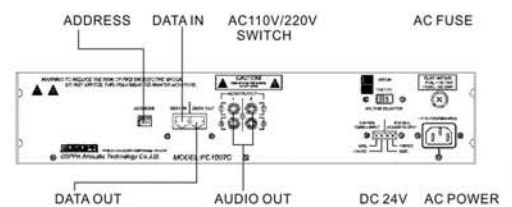
PC1005U Remote Router

- Providing the router function of the peripheral
- Providing the router function of the peripheral and the PC
- With RS-232 interface to connect with the PC
- With network interface to connect with the PC through the LAN or INTERNET
- Connecting with 127 equipment at one time available



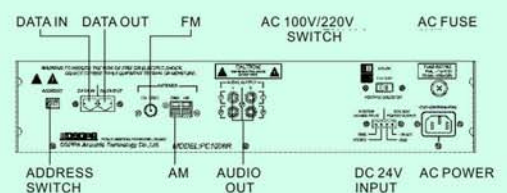
CD Player PC1007C

- DVD/CD player function
- VFD display
- Can select any song or any paragraph for play
- After the power on it will play in order automatically
- Bear USB jack
- Remote control by PC available
- Programmed control by PC 1014T



AM/FM Tuner PC1008R

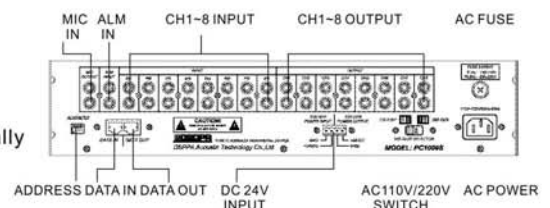
- Digital tuner with MPU control .Touch key and VFD display
- 40 memories for each AM&FM .Auto saves with auto station search
- Level meter for audio output
- Memory function after power dropped
- Programmable controlled by PC1014T available
- Accept AC 100V/AC220V/DC24V power supply



Signal Matrix PC1009S

- Signal matrix (one ALM input ,one remote input and 8CH inputs
- 8CH outputs)
- Linkage available .the channel will be switched to ALM input automatically while alarming
- One microphone amplifier
- Input channels indicator
- Outputs level indicator
- Memory function
- Remote-control by PC available

Specifications are subject to change without notice



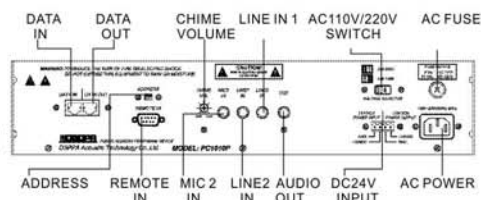


● PC-link PA Equipment-PC10 Series



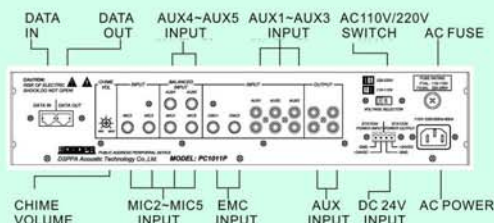
PC1010P Paging Selector

- Micro computer chip control, soft-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



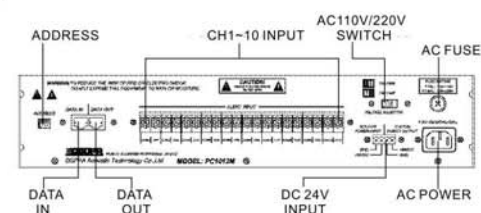
PC1011P Pre-Amplifier

- Multiple inputs and outputs, 12 inputs (3 unbalance MIC inputs, 3 unbalance Aux inputs, 2 balance Aux inputs, 2 priority inputs), 4 outputs
- Soft-touch button operation.
- Individual volume control, bass and treble tone control
- LED display for each input/output signal level, working status be clear at a glance.
- Chime and Mute function
- Remote control by PC



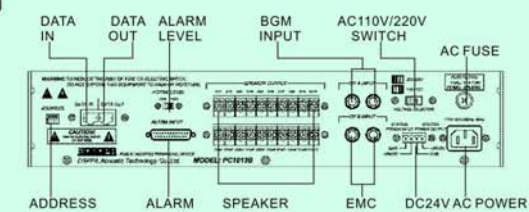
PC1012M Monitor Panel

- 10CH inputs
- A display screen is provided for the quick and easy visual monitoring of input level
- Build in monitor speaker
- Can connect to 8 equipments via the address setting
- Remote controlled by PC available



PC1013B Indirect Speaker Selector

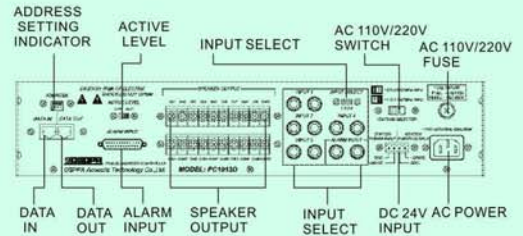
- 2CH inputs (A&B), 10CH outputs
- High/Low input alarm level available
- Clear alarm indicator and output signal indicator
- With communication interface
- AC 110V/220V/ and DC 24V available
- Up to 5 sets of PC1013B can be linked for us





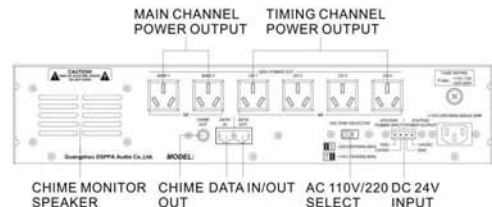
PC1013D Indirect Speaker Selector

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



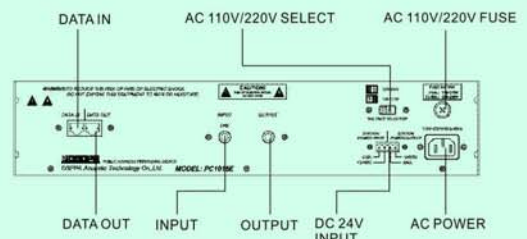
PC1014T Weekly Programmable Timer

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



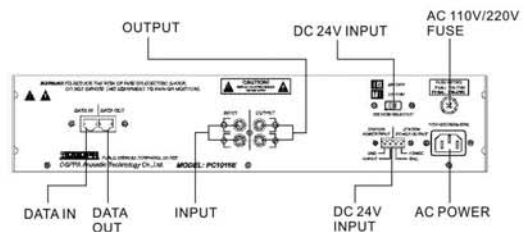
PC1015E Emergency Panel

- Micro computer chip control, soft-touch button
- Alarm triggering and siren or recorded signal output
- Built-in 1-minute digital recorded program, REC/Play
- Remote control by PC



PC1016E Equalizer/Compressor

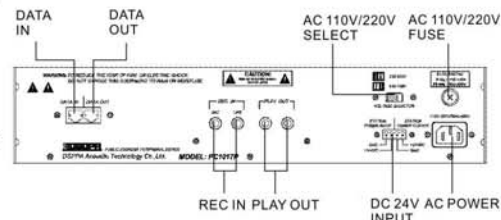
- Micro computer chip control, soft-touch button
- 14 bars display for frequency zones, each zone is modifiable individually
- 5 locations for EQ pattern memory
- Bypass/equilibria function
- Equalizer, Compressor together with Noise gate
- Remote controlled by PC





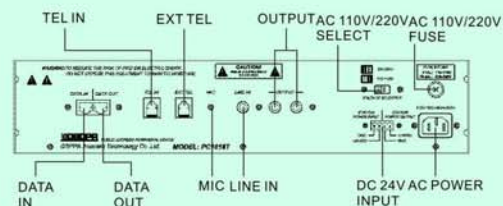
PC1017P Digital Recorder

- Micro computer chip control, soft-touch button
- LCD screen display
- 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



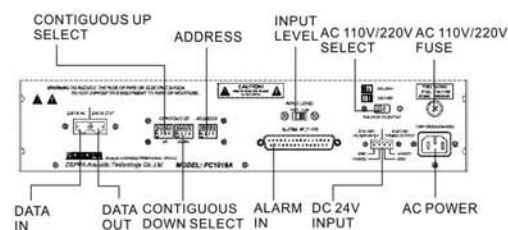
PC1018T Telephone Interface

- Micro computer chip control, soft-touch button
- Automatic phone call transfer
- Telephone conference function available
- Remote control by PC



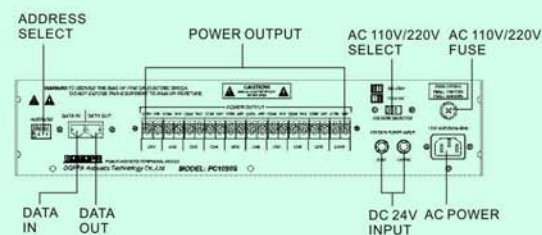
PC1019A Alarm Matrix

- Fire Alarm port intelligently
- 30 zones, automatically activation, can be extended to 120 zones
- Up to 4 adjacent zones can automatically activate
- Can be programming
- Remote controlled by PC available



PC1020S Switching Power

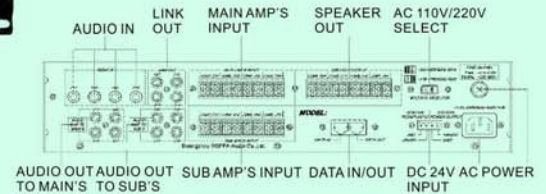
- Can reach to 8 equipments continue connection via the address setting
- Remote controlled by PC available
- 10CH outputs
- The 10 DC24V power outputs which are touched off by the network alarm can be used to drive the switching system





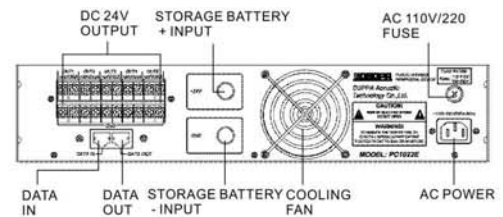
PC1021M M/S Amplifier Auto Switcher

- Automatically switch while fault
- 4 individual channels with AUTO CHECKING & SWITCHING function
- Status indicator
- Remote Control
- DC 24V spare power supply



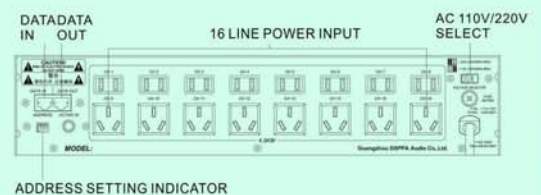
PC1022E Emergency Power System

- Not less than 2 KW Maximum output
- At least 1 hour support for 1 KW devices
- Built-in accumulator charger, suitable for AC110V-AC220V, with over-charge and over-discharge protection
- Digital battery voltmeter, real time displaying battery voltage



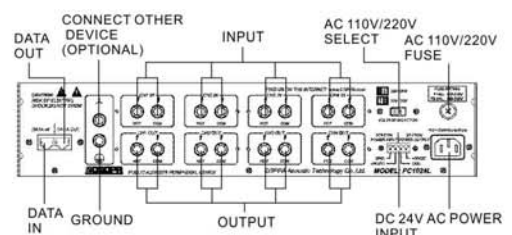
PC1023S Sequence Controller

- The first choice of PA system power management equipments
- 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



PC1024L Lightning Conductor

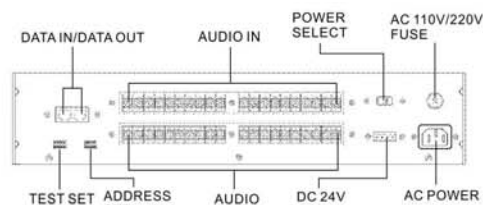
- 4 channels input/output
- Lightning protect, over voltage protect, creep age protect for public address system
- Status indicator visually. Remote controlled available
- AC 220V, AC 110V and DC 24V voltage selected





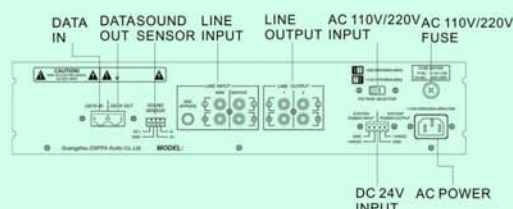
PC1026 Impedance Detector

- It can detect the loudspeaker circuits of ten zones simultaneously
- In case of short circuit of a certain zone, the device can cut off the output of this circuit automatically
- The accuracy of detection is optional, i.e. 2%, 5%, 10% and 20% respectively
- The accuracy value can be set up through the wire jumpers
- The maximum input and output power capacity for each zone is 500W
- The detection time for each circuit is less than or equal to 300ms



PC1028D Digital SNR Self-Adjuster

- It can monitor the sound signals against the noise in a public place
- In case the noise is too loud to hear the speaker, it can respond the signal-to-noise ratio to the amplifier to make a louder or smaller output automatically
- The detailed LED display



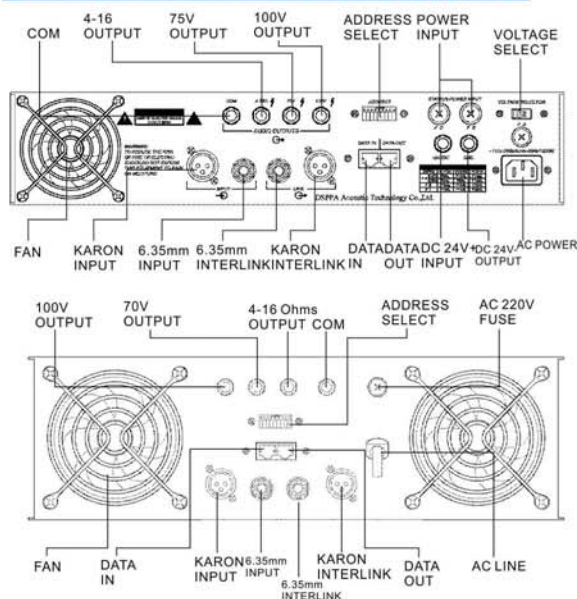
PC1700/PC2200/PC2700 Power Amplifier

- 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 management software
- Series amplifiers of high output power available

MODE	PC1700	PC2200	PC2700	PC3200	PC3700	PC4200
RATED POWER	350W	450W	650W	1000W	1500W	2000W
SENSITIVITY	0dB					
SNR	>85dB					
FREQ.RESP.	100Hz-20KHz ±3dB					
LINE VOLTAGE	70V, 100V or 4-16Ω					200V,100V 4-16Ω
DISTORTION	<0.5%					
DIMENSION	484 × 403 × 88mm			500 × 430 × 132mm		
NET WEIGHT	18.3Kg	20.6Kg	22.5Kg	33.2Kg	36.3Kg	38Kg

Specifications are subjected to change without notice.

PC3200/PC3700/PC4200 Power Amplifier



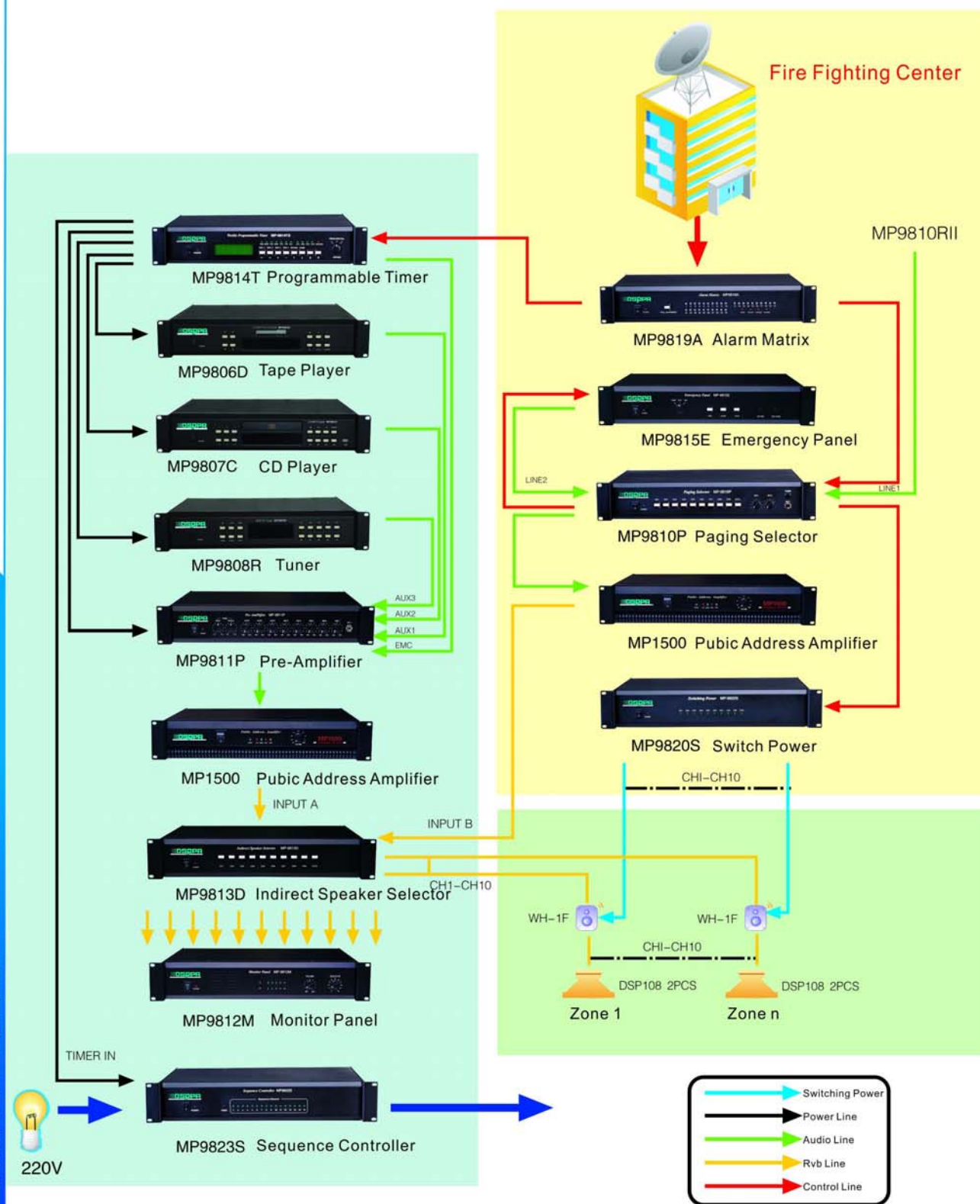
MP98Series

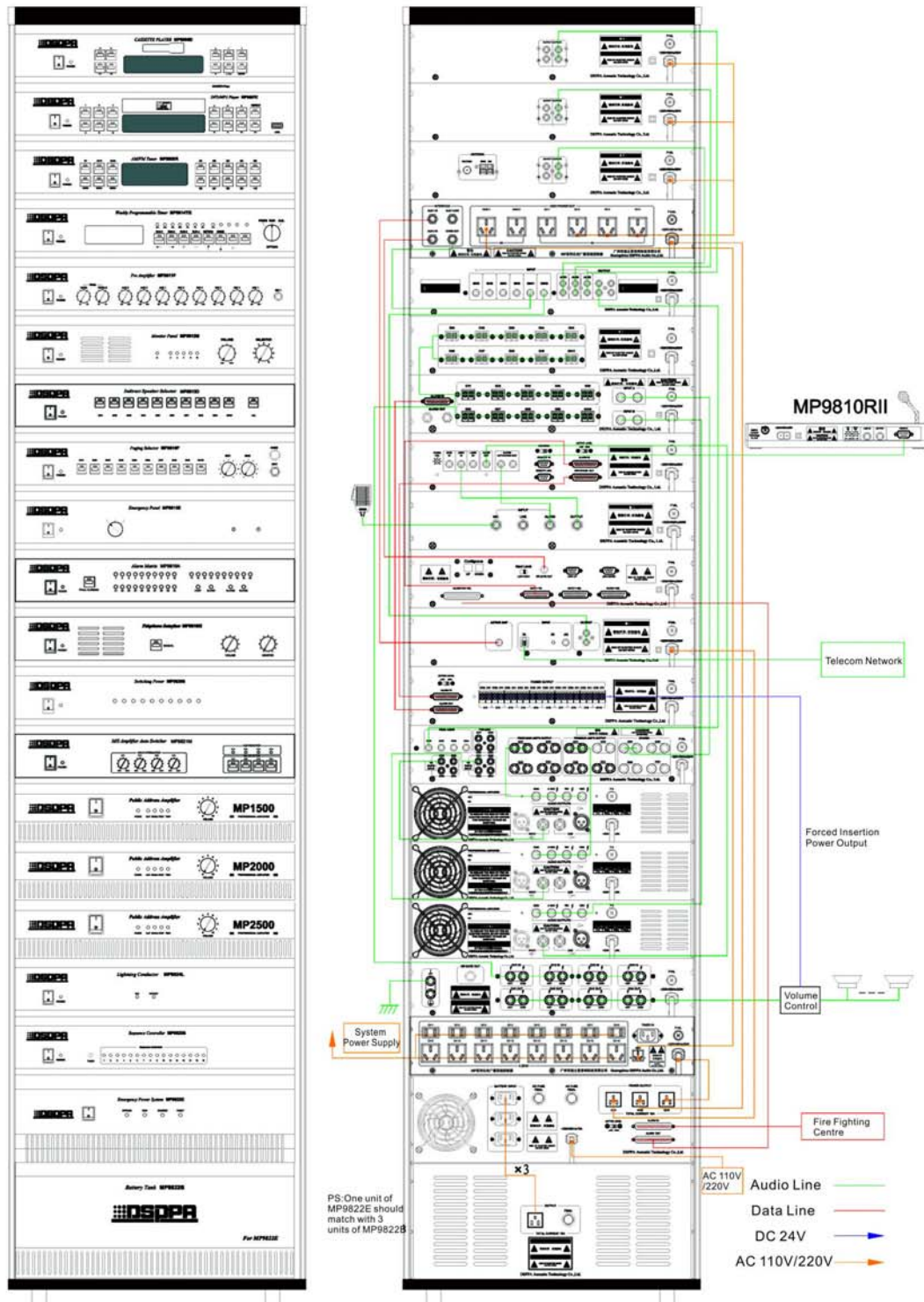
- The classical intelligent PA system with advantage technology and most powerful function
- Auto running by timing program, auto M/S amplifier switching, fault auto alarming, support unattended operation
- Support zoning management
- Support matrix zoning, different sources for different zones
- Support zoning override emergency broadcast
- Auto trigger involved zone for emergency broadcast by preset
- Activate build-in recorded signal for broadcasting automatically
- Support remote call station, zoning override paging broadcast
- Support telephone broadcast, and telephone conference





● Auto PA Equipment-MP98 Series





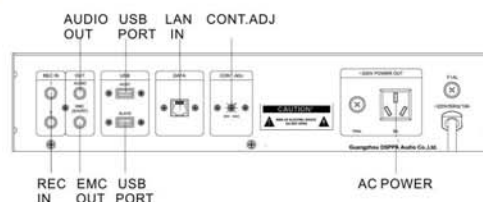


Auto PA Equipment-MP98 Series



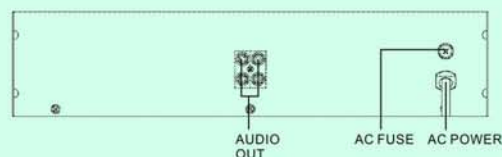
MP1714T Timing Player

- LCD, single-key jog dial, English character display, simple operation, and clear operation state display
- Program-controlled timing operation for one week is available. Up to 100 timing points can be programmed for each day, and information saved will not be lost when power is cut
- 1 MIC IN record port, 2 LINE IN record ports, 1 audio output port and 1 short-circuit output port are available
- MIC IN has the highest priority. LINE IN is prior for audio output



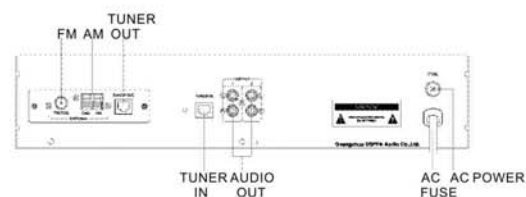
MP9807C CD PLAYER

- Combine CD/MP3/VCD/DVD player
- Light-touch button and VFD display, direct track selection USB port
- Support controlling by remote controller and timer



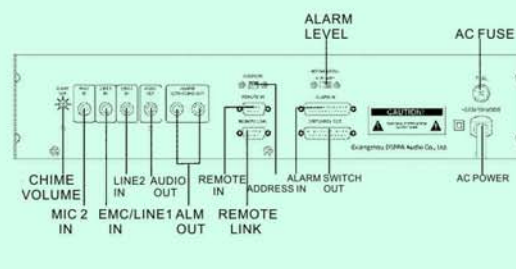
MP9808R TUNER

- Digital tuning system, controlled by MCU
- Light-touch button and VFD display
- Automatic radio station scan & storage
- Each band (AM/FM) includes 20 memories
- Station memory state after power off
- Volume level indicating
- Support controlling by remote controller and timer



MP9810P 10-CHANNEL PAGING SELECTOR

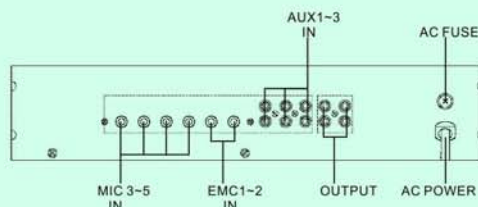
- 10 channels for paging or alarm signal broadcasting
- 2 MIC inputs, 2 line inputs
- LED indicator for each paging channel
- Build-in chime & mute function
- Controlled by remote paging set





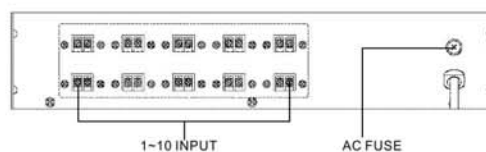
MP9811P PRE-AMPLIFIER

- 10 inputs (5 MIC inputs, 3 line inputs and 2 emergency inputs)
- Individual input volume control and master tone control
- LED level indicate for each channel
- Build-in chime and mute function



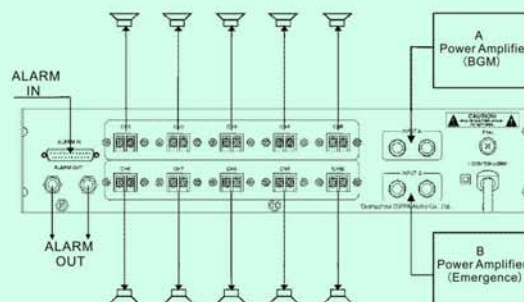
MP9812M 10-CHANNEL MONITOR PANEL

- 10 channel selector switch
- Build-in monitor loudspeaker with volume controller
- LED indicator for each channel



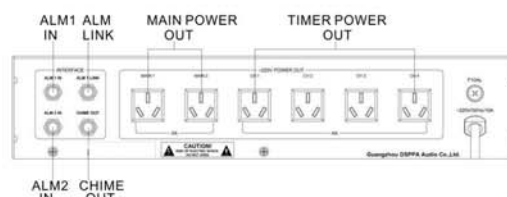
MP9813D INDIRECT SPEAKER SELECTOR

- 2 inputs (A & B), 10 speaker channel outputs
- 2 alarm trigger level options
- Zone selected by alarm triggering
- LED indicator for each input and output channel



MP9814T WEEKLY PROGRAMMABLE TIMER

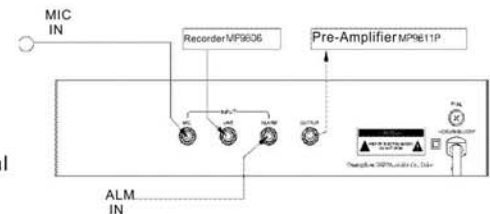
- More than 36(up to 255) timing point per day for programming
- 4 programmable timing power channels
- Manually changing the programmed data is available.
- Activating the alarm is also available at any time
- With the digital display panel and various indicator lights the operation status is indicated clearly and fully
- 3 chime types for choosing





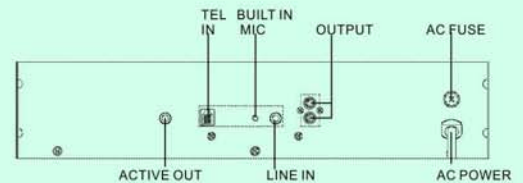
MP9815E EMERGENCY PANEL

- Siren, build-in record message can be triggered for broadcast by alarm signal
- 1 minute message recording on build-in IC (rewritable)
- MIC input channel is priority



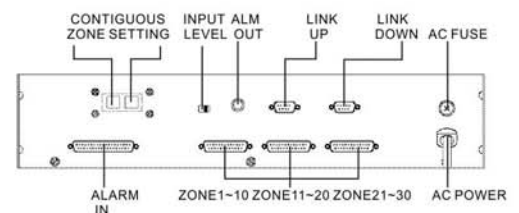
MP9818II TELEPHONE INTERFACE

- Automatic and manual phone call answer and hang-up function
- Telephone conference function available



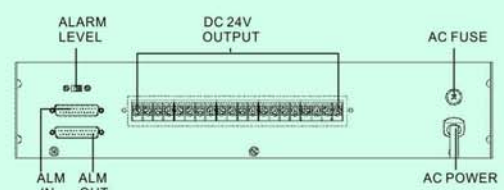
MP9819A ALARM MATRIX

- Automatic zone activation to force a zone and involved zones into emergency situation
- Up to 30 zones activation for one set, each one with maximum 4 involved zones
- Up to 120 zones activation can be extended by linking



MP9820S SWITCHING POWER

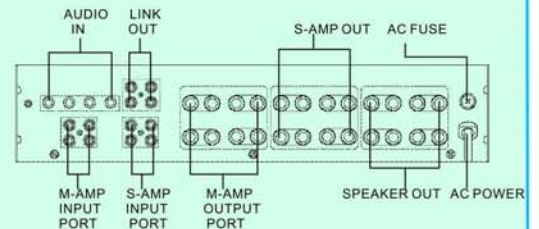
- Alarm signal trigger 24V DC power output
- Use for drive emergency switch device
- LED display for each 24V DC power output channel





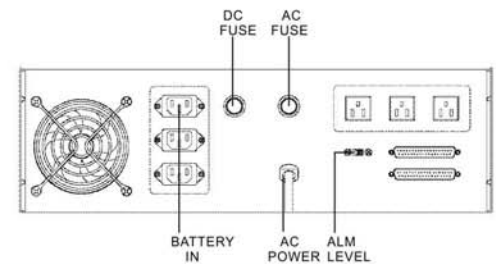
MP9821M M/S AMPLIFIER SWITCH

- 4 individual channel groups, each with one main and one spare amplifier
- Each channel with amplifier status LED display
- Each channel automatic switching while fault
- Spare amplifier in channel 1 can be used by other channels while fault



MP9822E Emergence power system

- Max output 3kw
- Support time up to 3 H for 1kw amplifier
- Charger with protective function inside
- Alarm activating



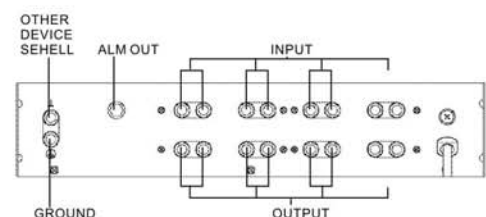
MP9823S POWER SEQUENCE CONTROLLER

- Up to 16 channels in control
- Controlled by Timer or manual
- LED running voltage display
- Total power capacity of 4.5KVA



MP9824L LIGHTNING PROTECTOR

- 4 channel input and output lightning protection
- LED running or protection display
- Switch off output automatically when hit by lightning, and leading lightning strike to ground automatically

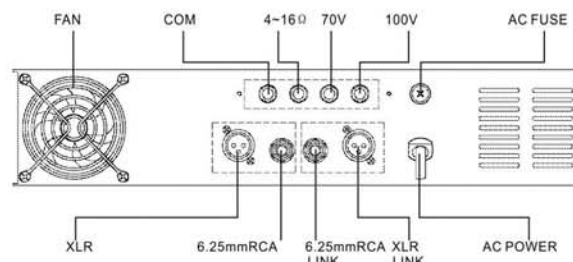




● Auto PA Equipment-MP98 Series

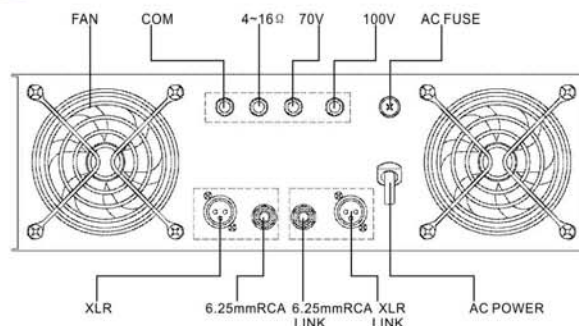


MP1500/MP2000/MP2500 Power Amplifier



MP3000/MP3500/MP4000 Power Amplifier

- 100V, 70V and 4 Ohms~8 Ohms speaker output
- 5 LED indicator for status display
- XLR socket and 6.3mm jack for additional mixer or amplifier link
- Short-circuit, over-current, over-load, over-heat warning and protection, distortion indication



MODEL	MP1500	MP2000	MP2500	MP3000	MP3500	MP4000
Rated Power	350W	450W	650W	1000W	1500W	2000W
Sensitivity	1V					
SNR	>85dB					
Frequency Response	50Hz-15KHz ±3dB					
rated output	70V, 100V or 4-16Ω					200V 100V 4-16Ω
THD	<0.3%					
Dimensons(LXWXH)	484 × 380 × 88mm			484 × 480 × 132mm		
Net weight	14.5Kg	17Kg	18Kg	30Kg	33.8Kg	36Kg

Specifications are subject to be changed without notice.

Mixing Amplifier

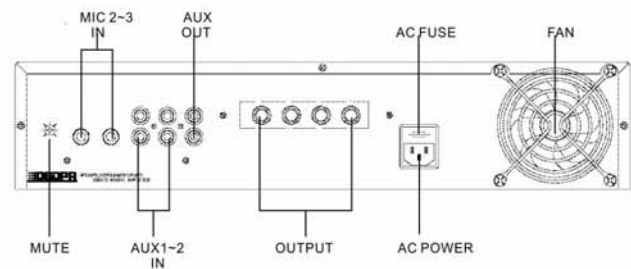
- 3 microphone inputs, MIC 1 with priority muting muting function
- 2 AUX line input & 1 line output for additional mixer or amplifier link
- Individual volume control for each microphone and line input
- Bass and treble control
- 5-unit LED level meter
- Output short-circuit protection and alarm



MP200P III /MP300P III /MP600P III /MP1000P III

MODEL		MP200PⅢ	MP300PⅢ	MP600PⅢ	MP1000PⅢ
RATED POWER		60W	120W	250W	350W
SENSITIVITY	LINE	≤300mV			
	MIC	≤3mV			
SNR	LINE	>80dB			
	MIC	>75dB			
RATED OUTPUT		70V, 100V or P1			
THD (1KHZ)	LINE	<1%			
	MIC	<1%			
FREQUENCY RESPONSE		50Hz – 16KHz ±3dB			
DIMENSION(LXWXH)		420 × 338 × 88mm			
NET WEIGHT		8.5kg	9kg	13kg	13.4kg

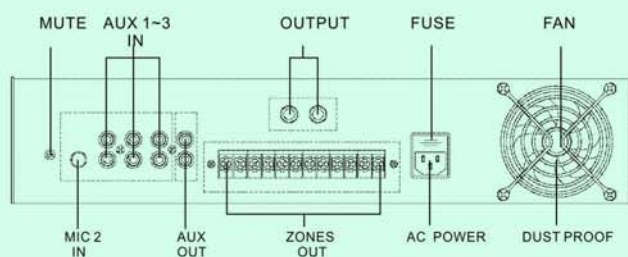
Specification are subject to change without notice



MP210P/MP310P/MP610P/MP1010P

Mixing Amplifier

- 6 channel integrated mixer/amplifier for background music
- Individual channel volume selection and output level indication
- 2 MIC input with volume selector
- 3 Aux line input & 1 line output for additional mixer or amplifier link
- 2 speaker output options: 4~16 Ohms single output & 6-channel 100V output



MODEL		MP210P	MP310P	MP610P	MP1010P
RATED POWER		60W	120W	250W	350W
SENSITIVITY	LINE	250mV			
	MIC	3.0mV			
SNR	LINE	>85dB			
	MIC	>71dB			
RATED OUTPUT		6ZONES, 100V or 4-16 Ω			
THD (1KHZ)	LINE	<1%			
	MIC	<1%			
FREQUENCY RESPONSE		80Hz – 16KHz ± 3dB			
DIMENSION(LXWXH)		484 × 355 × 88mm			
NET WEIGHT		9.7Kg	11.5Kg	14Kg	15Kg

Specification are subject to change without notice



DA1810



DA1810 Digital Amplifier

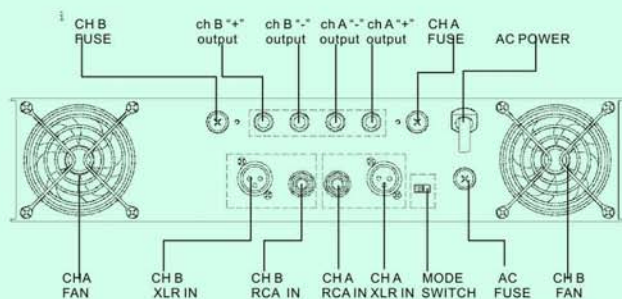
- LCD display can provide the parameters: volume, level, temperature, address, state of the inside of the machine, networking state
- Some parameters can be set: alarm temperature, the machine address volume control
- Provide 6 operation password, can be modified
- Backlight automatically turns off after 30 seconds of no key operation
- Support the remote control and operation

RATED POWER	1000/100 (10 Ω) W/V
FREQUENCY RESPONSE	50 Hz–20k Hz
THD	$\leq 1\%$
SNR	≥ 70 dB
SENSITIVITY	0 dBV
PROTECTION	Over-temperature, short-circuit, DC, over-load, Overvoltage
DIMENSION(LXWXH)	484 x 445 x 44mm
NET WEIGHT	9.6kg

Specification are subject to change without notice



MX1000/MX1500/MX2000/MX2500



Stereo Amplifier

- Twin channel stereo amplifier series
- BTL Connection available
- Short circuit protection and alarming function

MODEL	MX1 000	MX1500	MX2000	MX2500
RATED POWER /Ch., 8 Ω	150 W	230W	300W	400W
RATED POWER /Ch., 4 Ω	250 W	350W	450W	700W
RATED POWER /BTL., 8 Ω	500 W	700W	900W	1400W
SENSITIVITY	1V			
SNR	>85dB			
DAMPING COEFFICIENT/8 Ω , 1kHz	200:1			
KCMR	>90dB			
FREQUENCY RESPONSE	20Hz ~ 20kHz ± 0.5 dB			
THD 4 Ω /1kHz	<1%.1KHZ			
Voltage gain	>38dB			
Cooling	FAN			
INDICATOR	Power ,clip ,signal ,DC ,over-temperature indicate light			
PROTECTION	Short circuit, over-load and dc protection			
DIMENSION(LXWXH)	484 x 469 x 88mm			
NET WEIGHT	15.2kg	16.2kg	22kg	23kg

Specification are subject to change without notice

MP8060 Eight-Channel Amplifier

- With 8 independent channels, each 100W/100V output
- This is broadcast amplifier with pre-amplifier
- Each channel has independent volume, treble and bass control
- Perfect machine self-protection function



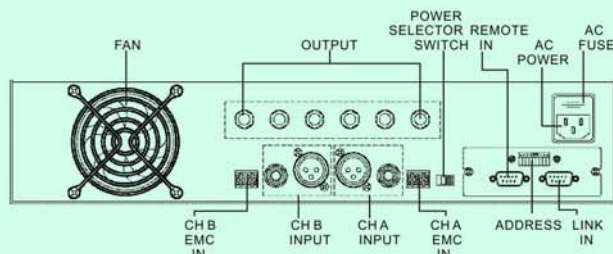
MP8060

RATED POWER	8 × 100 W
FREQUENCY RESPONSE	70k Hz~20k Hz
THD	≤ 1 %
SNR	≥ 85 dB
SENSITIVITY	-10dBV
PROTECTION	Overload, Overheating, DC, Short-circuit
DIMENSION(LXWXH)	484 × 360 × 132
NET WEIGHT	14.1kg

Specification are subject to change without notice.



MAG1306 II / 1312 II / 1325 II / 1335 II



Power Amplifier

- Double channel amplifier, independent channel volume and tone controls
- Constant pressure output:200V,100V,70V switchable
- Clear LED working status display and multifunction protections.
- Strong interpolation control input port (short-circuit valid);3-line output for economic cabling.
- Valid communication and exchanging control signal and status information with an intelligent broadcast(purchase selectable)

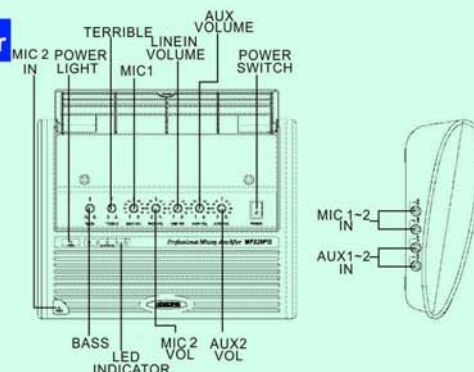
MODEL	MAG1306 II	MAG1312 II	MAG1325 II	MAG1335 II
RATED POWER	2x60W	2x120W	2x250W	2x350W
SNR	>80dB			
SENSITIVITY	0dBV			
FREQUENCY RESPONSE	80Hz-15KHz ± 3dB			
RATED OUTPUT	70V 100V 200V			
THD	< 1% . 1KHz			
DIMENSION(LXWXH)	484 × 443 × 88mm			
NET WEIGHT	15.6kg	18kg	22kg	24.2kg

Specification are subject to change without notice.



MP220P Classroom Amplifier

- 2 MIC input, 2 Aux input, 1 100V power input, LED display
- Independent volume controls
- 20W/4 Ohms power output



Mixer Amplifier (6 Channel)

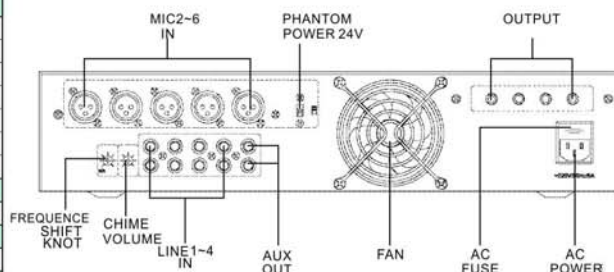
- 4 line inputs, 1 line output, and 6 balanced microphone inputs with 24V phantom power supply
- Each line input with signal auto-check output and priority output
- Mute function for broadcasting emergency message
- Microphone frequency shift function with adjustable frequency
- Built-in chime generator with adjustable output volume
- Master volume control and independent MIC and AUX input channel volume control
- 7-band equalizer with active/bypass output option
- Three speaker output modes: 70V, 100V, 4-16 Ohms



MP6906/MP6912/MP6925/MP6935

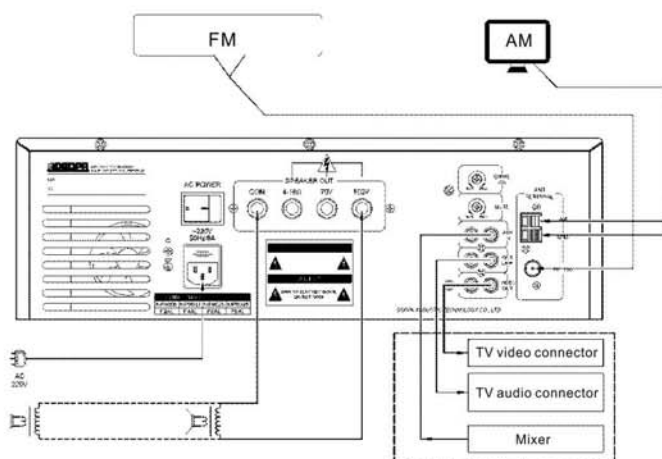
MODEL	MP6906	MP6912	MP6925	MP6935
RATED POWER	60W	120W	250W	350W
SENSITIVITY	<2dB			
	MIC 2.5 ± 0.5 mV (UNBALANCE)			
	MIC 2.5 ± 0.5mV (Balance)			
	LINE 250 ± 50 mV			
FREQUENCY RESPONSE	50 Hz ~ 20 KHz (± 3dB)			
THD	<1% (1KHz)			
SNR (A weight)	MIC: >75 dB			
EQUALIZER 7 BAND	LINE: >85 dB			
	64HZ: ± 12dB			
	160HZ: ± 12 dB			
	400HZ: ± 12 dB			
	1KHZ: ± 12 dB			
	2.5KHZ: ± 12 dB			
	6.4KHZ: ± 12 dB			
	15KHZ: ± 12 dB			
PROTECTION FUNCTION	DC, over-load, short-circuit protection			
MUTE FUNCTION	Mute control for MIC 1 and chime to adjust ducking level of other input			
PHANTOM POWER	DC24V			
FREQUENCY SHIFT RANGE	Higher than signal source 0-5HZ			
POWER SUPPLY	AC 220V / 50Hz			
CONSUMING POWER	120 W	250 W	500 W	650 W
DIMENSION(LXWXH)	430 × 368 × 88 mm			
NET WEIGHT	10.2kg	12 kg	14.8kg	16kg

Specification are subject to change without notice.





MP8006/MP8012/MP8025/MP8035



All-in-one Amplifier (DVD/FM,AM Tuner/Cassette)

- All-in-one public address device combining DVD player, full-logic cassette player, tuner, pre-amplifier and power amplifier together
- 2 Microphone inputs with individual volume control
- AUX line input/output, for additional mixer or amplifier link
- 1 Video output for TV link
- 5-unit LED level meter
- Built-in Chime generator

MODEL	MP8006	MP8012	MP8025	MP8035
RATED POWER	60W	120W	250W	350W
SENSITIVITY	250mV(± 50mV)			
	2.5mV(± 0.5mV)			
SNR	>70dB			
	>65dB			
RATED OUTPUT	70V, 100V or 4 Ω-16 Ω			
THD (1kHz)	<1%.1KHz			
	<1%.1KHz			
DIMENSION(LXWXH)	430 × 400 × 132mm			
NET WEIGHT	14Kg	15Kg	17.9Kg	19.9Kg

Specification are subject to change without notice.

All-in-one Amplifier (MP3 player/ FM,AM Tuner/ 6-zone/ Timer)

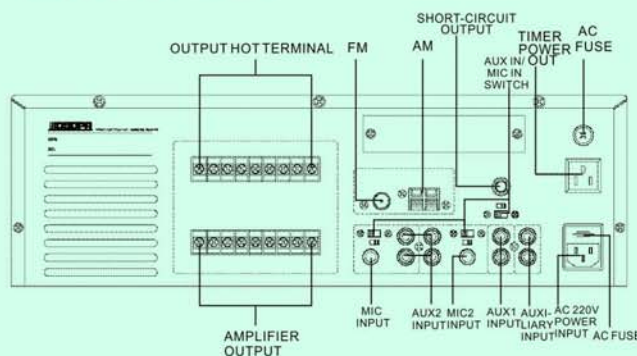
- Built-in MP3 player, tuner, timer, zone controller and pager
- 3 line Inputs, 3 MIC Inputs and 1 line Output
- MIC 1 and LINE 1 with priority function available for emergency broadcast
- Timing point program by weekly circle, more than 100 timing points can be set a day, timing information saved will not be lost when power is cut
- Two projects of timing program can be saved, and each project can be recalled any time
- 6 zones output with 100V, and each zone can be controlled by timing point (ON/OFF)
- 5 LED indicator for output level

MODEL	MP8712	MP8735	MP8745
RATED POWER	120W	350W	450W
SENSITIVITY	250mV(± 50mV)		
	3mV (± 2.5mV)		
SNR	>85dB		
	>71dB		
RATED OUTPUT	70V, 100V or P1		
THD (1kHz)	<1%.1KHz		
	<1%.1KHz		
FREQUENCY RESPONSE	80Hz – 16KHz ±3dB		
DIMENSION(LXWXH)	430 × 400 × 132mm		
NET WEIGHT	13Kg	18Kg	18.3Kg

Specification are subject to change without notice.

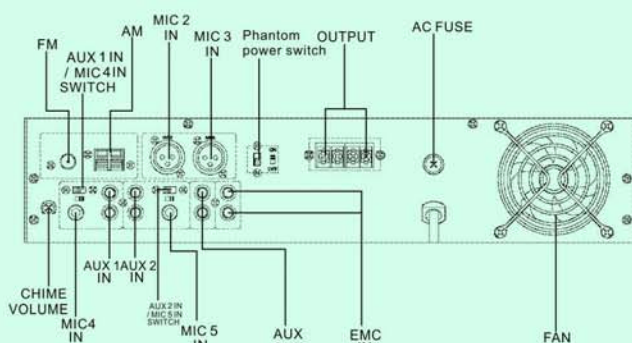


MP8712/MP8735/MP8745





MP9006/MP9012/MP9025/MP9035



All-in-one Amplifier (MP3 player/ FM,AM Tuner)

- All-in-one public address device combining tuner, MP3 player, pre-amplifier and power amplifier together
- With USB port, supports running flash disk or portable hard disk
- Tuning station saving function after power failure
- 5 MIC inputs with individual volume control
- 2 Aux line inputs & 1 line output for additional mixer or amplifier link
- 1 emergency signal input

MODEL	MP9006	MP9012	MP9025	MP9035
RATED POWER	60W	120W	250W	350W
SENSITIVITY	LINE 250mV			
	MIC 2.5mV			
SNR	LINE >75dB			
	MIC >70dB			
RATED OUTPUT	70V, 100V or P1			
THD (1KHZ)	LINE <1%.1KHz			
	MIC <1%.1KHz			
FREQUENCY RESPONSE	MIC:100Hz~10kHz(±3dB);LINE:50Hz~20kHz(±3dB)			
DIMENSION(LXWXH)	430 × 368 × 88mm			
NET WEIGHT	11.5Kg	12.5Kg	15.2Kg	16Kg

Specification are subject to change without notice.

All-in-one Amplifier (MP3 player/CD/ FM,AM Tuner)

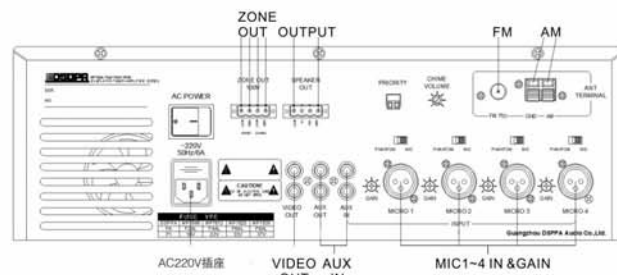
- All-in-one public address device combining DVD player, MP3 player, tuner, pre-amplifier and power amplifier together
- With USB port, supports running flash disk or portable hard disk
- 2 zone 100V outputs with individual selector buttons
- 1 AUX line input for additional mixer link
- 4 microphone XLR inputs with phantom power supply, individual volume control
- Built-in chime generator, with chime short circuit triggering function
- Chime output with highest priority

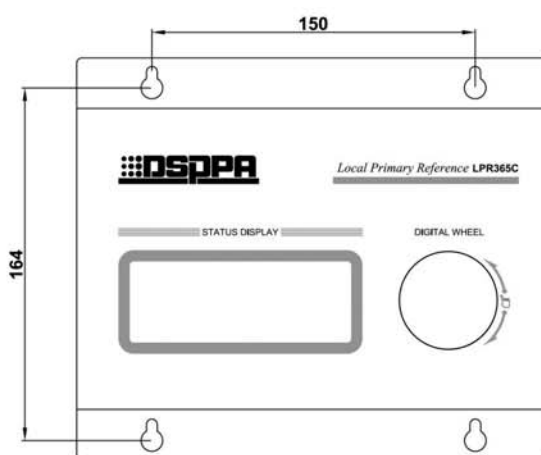


MP7806/ MP7812/MP7825/MP7835

MODEL	MP7806	MP7812	MP7825	MP7835
RATED POWER	60W	120W	250W	350W
SENSITIVITY	LINE 250mV			
	MIC 2.5mV-500mV			
SNR	LINE >75dB			
	MIC >70dB			
RATED OUTPUT	70V, 100V or P1			
THD (1KHZ)	LINE <1%.1KHz			
	MIC <1%.1KHz			
FREQUENCY RESPONSE	LINE 40Hz~20kHz			
	MIC 100Hz~15kHz			
DIMENSION(LXWXH)	430 × 400 × 132mm			
NET WEIGHT	13Kg	14.5Kg	17.3Kg	19.1Kg

Specification are subject to change without notice.





LPR365C Local Primary Reference LPR365C

- Satellite synchronization norm clock
- Can supply accurate norm time for DSPPA PA system and common computer network
- Can supply accurate norm time for the fields of electric power system, security system, and astronomical measure etc.
- Use synchronous satellite signals are clock source within 0.1 second less than Greenwich Mean Time
- Use network clock protocol
- Can set global time zone and local IP address
- English and Chinese interface, shuttle controller

Initial Satellite Synchronization Time	20-100 seconds (depending on the signal strength)
Satellite Synchronization Time Error	0.1 second different from GMT
Error Without Satellite Synchronization Time	2.5-minute annual difference
Controlling Facility Protocol 1	RS422 (DSPPA MP88 series)
Controlling Facility Protocol 2	RS485 (DSPPA PC10 series)
Controlling Facility Protocol 3	SNTP V4 network clock protocol (common computer network) data udp protocol (DSPPA special computer network)
Language	English or Chinese
Time Zone Set	Global time zone, exact within minutes
IP Address	IP address and subnet mask can be set at random
Dimensions	220x187x59mm
Net Weight	2kg
Voltage Range	AC220V (+10%,-20%)
Power Consumption	2W

Specifications are subjected to change without notice.



AM 8126
System Host

AM 8126 Simulate Home Central Audio System

- Build in mp3 & tuner, and external 4 audio resources, dvd, tv, aux, tuner
- 6 zone independent outputs, each zone independent operation
- Each output power 2x20w
- 2 infrared learning for dvd & tv
- RS-232 interface, connect to intelligent central control
- Room controller id setting, can controller all sources
- Separate tuner module



BM 816R
Room Control

BM 816R Room Controller

- Full-screen touch buttons, soft-touch operation
- LCD screen display audio information, song name, radio channel etc.
- With audio, songs, radio choice etc.
- Song library folder selection, and playback capabilities
- 1-6 partitions flexible ID settings, can control full house music
- Infrared control 2-way the host, external audio resource DVD, TV
- The interface is clean, simple, flexible and convenient operation



BM 812R
Room Control

BM 812R Room Controller

- Touch button operation, exquisite design, eye-catching LCD display
- Controlled room including source selection, volume / bass and treble adjustment, MP3 tracks inquiries, Radio Control
- By setting the address codes, six partition independent control, controller correspondence
- Can display the song name
- Control distance up to 300 meters

AM 8129 Simulate Home Central Audio System

- 9 partition independent outputs, each partition independent operation
- The first to the third partition area of high power output, the output power of 2 * 60W / 4 Ohms, for the large area of the garden, hall, etc.
- Fourth to ninth partition output power 2 * 20W with high-fidelity stereo
- 9 partition accurately independent timing functions, to achieve all intelligent life
- RS-232 interface, connect to intelligent central control
- Room controller ID setting, can controller all sources
- 2 infrared learning for DVD & TV



AM 8129
System Host



FM 808
Infrared Control

- Soft-Touch Button operation
- Choose audio input lines, volume control and adjust the Bass&Treble function
- Switch the AM in radio/FM and mono/stereo
- Select the songs in MP3 player

AM 8130 Digital Home Central Audio System

- 32 zones independent outputs, plus 2 big power outputs for parlor and garden
- Talk back from room to room (1 to all)
- 2 Infrared learning for DVD & TV
- 6 source (DVD, TV, PC, AUX, MP3, Tuner)
- Room controller build in HI FI digital power amplifier



AM 8130

BM 813R Room Controller

- Talk back from room to room
- Built in HI FI digital power amplifier
- Including source selection, volume / bass and treble adjustment
- MP3 tracks display, Radio Control
- Smart touch keys, embedded in the wall structure
- Support infrared remote control function, easy and fast operation



BM 813R



AM 8230



BM 823R

AM 8230 Digital Home Central Audio System

- Can be controlled by Apple via Wifi
- 48 zones independent outputs
- 8 source: DVD, iPod, TV, AUX, Tuner and room controller build in USB & Tuner
- 2 Big power output for parlor and garden, 7" TFT full touch screen
- Talk back from room to room (1 to 1 or 1 to all)
- RS-232 interface, connect to intelligent central control system
- Build-in DSP effect, 2 Infrared learning for DVD & TV

BM 823R Room Controller

- Unique design, with 3.2" TFT full touch screen, and soft-touch operation
- Graphical operation interface, easy and Convenient, Gold, silver appearance optional
- 8 audio input, built-in SD card and 2 lines local radio, the other 6 lines from host
- Search and display the songs in MP3 player and SD card, Radio control
- Talk back from room to room
- Built in HI FI digital power amplifier and DSP effect
- Support infrared remote control function, easy and fast operation

AUX51-T Speakers



AUX51-F

- AUX51-T speakers would provide a HD audio enjoyment for home theater, which expressed clear sound and Abundant bass effect. With original birch color box processing, shape design are very beautiful from all angles to appreciate.



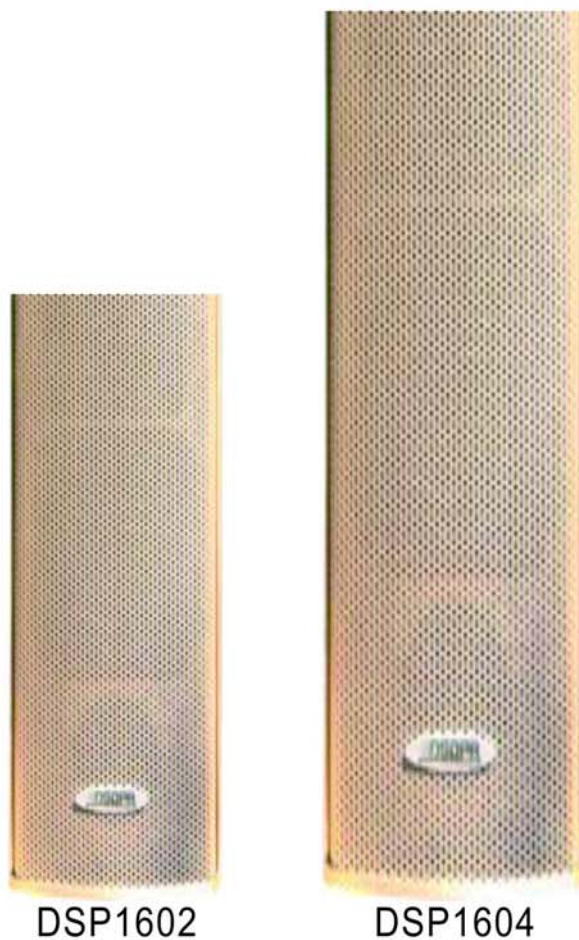
AUX51-C



AUX51-SW



AUX51-S



DSP1602

DSP1604

The speaker is the construction of dual-crossover, sounds clear and soreness.

Specifications

MODEL	DSP1602	DSP1604
RATED POWER	20W	40W
SENSITIVITY(1M,1W)	96±2dB	94±2dB
MAX SPL	109±2dB	110±2dB
FREQUENCY RESPONSE	90~20KHz	100~20KHz
DIMENSION(mm)	132X146X416	132X146X632
WEIGHT	4.0kg	6.3kg

Specification are subject to change without notice



DSP1102



DSP1104

Wooden Piano Finishing Body (Indoor)

MODE	DSP1102	DSP1104
FULL-RANGE	4"X2 , 2.5"X1	4"X4 , 2.5"X1
RATED POWER	20W	30W
MAX POWER	40W	60W
LINE VOLTAGE	100V	100V
SENSITIVITY(1M,1W)	90±2dB	93±2dB
MAX SOUND PRESSURE LEVEL(1M)	103±2dB	108±2dB
FREQ.RESP.	160-16,000Hz	160-16,000Hz
DEMENSIONS(HxWxL)	420x106x120mm	660x106x120mm
WEIGHT	4kg	6.2kg

Specifications are subjected to be changed without notice.



DSP1402



DSP1404

Aluminum Piano Finishing Body (Indoor)

MODE	DSP1402	DSP1404
FULL-RANGE	4"X2 , 2.5"X1	4"X4 , 2.5"X1
RATED POWER	20W	30W
MAX POWER	40W	60W
LINE VOLTAGE	100V	100V
SENSITIVITY(1M,1W)	91±2dB	
MAX SOUND PRESSURE LEVEL(1M)	104±2dB	107±2dB
FREQ.RESP.	160-16,000Hz	160-16,000Hz
DEMENSIONS(HxWxL)	401x91x171mm	696x91x171mm
WEIGHT	3.6kg	6kg

Specifications are subjected to be changed without notice.



DSP203



DSP403

Luxury Wall-mounted Column Speaker

MODE	DSP203	DSP403
FULL-RANGE	4.5"x2	4.5"x4
RATED POWER	8W	15W
MAX POWER	15W	30W
LINE VOLTAGE	70V/100V	70V/100V
SENSITIVITY(1M,1W)	90±2dB	94±2dB
MAX SOUND PRESSURE LEVEL(1M)	99±2dB	106±2dB
FREQ.RESP.	140-12,000Hz	140-12,000Hz
DEMENSIONS(HxWxL)	410x160x115mm	600x160x115mm
WEIGHT	3.3kg	5.3kg

Specifications are subjected to be changed without notice.



DSP225 II



DSP455 II

Outdoor Waterproof Column Speaker

MODE	DSP225 II	DSP455 II
FULL-RANGE	3"x5"x2, 2.5"x1	3"x5"x2, 2.5"x2
RATED POWER	8W	15W
MAX POWER	15W	30W
LINE VOLTAGE	70V/100V	70V/100V
SENSITIVITY(1M,1W)	88±2dB	90±2dB
MAX SOUND PRESSURE LEVEL(1M)	97±2dB	101±2dB
FREQ.RESP.	140-14,000Hz	140-14,000Hz
DEMENSIONS(HxWxL)	400x112x112mm	730x112x112mm
WEIGHT	2.2kg	3.8kg

Specifications are subjected to be changed without notice.



DSP105



DSP205



DSP305



DSP405

Outdoor Waterproof Column Speaker

MODE	DSP105	DSP205	DSP305	DSP405
FULL-RANGE	4"X1 , 2.5"X1	4"X2 , 2.5"X1	4"X3 , 2.5"X1	4"X4 , 2.5"X1
RATED POWER	10W	20W	30W	40W
MAX POWER	20W	40W	60W	80W
LINE VOLTAGE	70/100V	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	87dB	89dB	91dB	93dB
MAX SOUND PRESSURE LEVEL(1M)	97dB	102dB	106dB	109dB
FREQ.RESP.	140-14,000Hz	140-14,000Hz	140-14,000Hz	140-14,000Hz
DEMENSIONS(HxWxL)	310 × 160 × 120mm	400 × 160 × 120mm	500 × 160 × 120mm	610 × 160 × 120mm
WEIGHT	2.5kg	3.5kg	4.5kg	5.5kg

Specifications are subjected to be changed without notice.



DSP108



DSP208



DSP308



DSP408

Outdoor Waterproof Column Speaker

MODE	DSP108	DSP208	DSP308	DSP408
FULL-RANGE	4"X1 , 2.5"X1	4"X2 , 2.5"X1	4"X3 , 2.5"X1	4"X4 , 2.5"X1
RATED POWER	10W	20W	30W	40W
MAX POWER	20W	40W	60W	80W
LINE VOLTAGE	70/100V	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	87dB	89dB	91dB	93dB
MAX SOUND PRESSURE LEVEL(1M)	97dB	102dB	106dB	109dB
FREQ.RESP.	140-14,000Hz	140-14,000Hz	140-14,000Hz	140-14,000Hz
DEMENSIONS(HxWxL)	310 × 150 × 125mm	410 × 150 × 125mm	500 × 150 × 125mm	620 × 150 × 125mm
WEIGHT	2.3kg	3.3kg	4.4kg	5.5kg

Specifications are subjected to be changed without notice.



DSP188



DSP288



DSP388



DSP488

Outdoor Waterproof Two-side Column Speaker

MODE	DSP188	DSP288	DSP388	DSP488
FULL-RANGE	4"X2 , 2.5"X2	4"X4 , 2.5"X2	4"X6 , 2.5"X2	4"X8 , 2.5"X2
RATED POWER	15W	30W	45W	60W
MAX POWER	30W	60W	90W	120W
LINE VOLTAGE	70V/100V	70V/100V	70V/100V	70V/100V
SENSITIVITY(1M,1W)	88dB	90dB	92dB	93dB
MAX SOUND PRESSURE LEVEL(1M)	100dB	105dB	109dB	111dB
FREQ.RESP.	140-14,000Hz	140-14,000Hz	140-14,000Hz	140-14,000Hz
DEMENSIONS(HxWxL)	310x250x160mm	410x250x160mm	510x250x160mm	620x250x160mm
WEIGHT	3kg	5.5kg	8kg	10.5kg

Specifications are subjected to be changed without notice.



DSP158



DSP258



DSP358



DSP458

Outdoor Waterproof Column Speaker

MODE	DSP158	DSP258	DSP358	DSP458
FULL-RANGE	8"X1 , 1"X1	8"X2 , 1"X1	8"X3 , 1"X1	8"X4 , 1"X2
RATED POWER	30W	60W	90W	120W
MAX POWER	60W	120W	180W	240W
LINE VOLTAGE	70-100V	70-100V	70V-100V	70V-100V
SENSITIVITY(1M,1W)	92dB	92dB	93dB	94dB
MAX SOUND PRESSURE LEVEL(1M)	107dB	110dB	113dB	115dB
FREQ.RESP.	80-16,000Hz	80-16,000Hz	80-16,000Hz	80-16,000Hz
DEMENSIONS(HxWxL)	430x250x230mm	665x250x230mm	905x250x230mm	1320x250x230mm
WEIGHT	8.5kg	13kg	17kg	23kg

Specifications are subjected to be changed without notice.



DSP 1501

DSP1501 Phased Array Speaker

- Acoustically simulate the column speakers of different shapes, e.g. inclined, concave, convex, and more complicated shapes
- Active column speaker with built-in digital signal processor, digital equalizer and digital power amplifier, so that it's no need for driving of external power amplifier
- This unit has AUX signal input, AUX signal output and constant voltage power signal input (70V or 100V)
- Volume, tone and other parameters of the column speaker can be adjustable
- The LED screen on the lower part of the unit can display different parameters and messages
- Operate from infrared remote controller
- Compact size, easy installation and high electro-acoustic sensitivity

MODEL	DSP 1501
POWER	100W
EFFECTIVE FREQUENCY RANGE	100Hz~20kHz
RADIATION ANGLE IN THE VERTICAL	120°
RADIATION ANGLE IN THE HORIZONTAL	30°
MAIN LOBE ADJUSTMENT IN THE FOCUS	5 m ~ 200m; -5 m ~ -200m
MAIN LOBE ADJUSTMENT IN THE HORIZONTAL	-60° ~ +60°
SPEAKER DIMENSIONS(L*W*H)	4"x10
SENSITIVITY/MAX SOUND PRESSURE LEVEL	98dB (1m, 1W) / 118 dB
SENSITIVITY OF LINE INPUT	300mV
SENSITIVITY OF CONSTANT PRESSURE	70V,100V
POWER SUPPLY	AC220V (+10%, -20%), 50Hz
NET WEIGHT	12.5kg
VOLUME(LXWXH)	1300 × 160 × 110(mm)

Specifications are subjected to be changed without notice.



DSP159



DSP505



DSP602

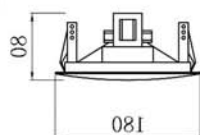
Specifications

MODEL	DSP159	DSP602	DSP505
RATED POWER	1.9~30W	1.5~6W	3W
RATED OUTPUT	70V/100V,4~16Ω	70V/100V	70V/100V
SENSITIVITY(1M,1W)	96±2dB	93±2dB	91±2dB
MAX SPL	111±2dB	100±2dB	96±2dB
FREQUENCY RESPONSE	100~20KHz	130~18KHz	100~16KHz
Hole for mounting	232~242mm	165~242mm	166~168mm
WEIGHT	4.0kg	1.0kg	1.2kg

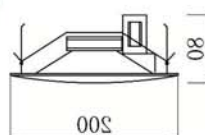
Specification are subject to change without notice



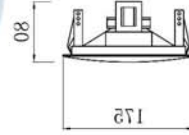
DSP501



DSP502



DSP503

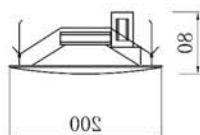


MODE	DSP501	DSP502	DSP503
FULL-RANGE	4.5"X1	4.5"X1	4.5"X1
RATED POWER	3W	3W	3W
MAX POWER	6W	6W	6W
LINE VOLTAGE	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	91dB	91dB	91dB
MAX SOUND PRESSURE LEVEL(1M)	96dB	96dB	96dB
FREQ. RESP.	75-20,000Hz	120-16,000Hz	75-20,000Hz
HOLE FOR MOUNTING	Ø154- Ø164mm	Ø170-Ø176mm	Ø154- Ø162mm
DEMENSIONS(HxWxL)	80 × Ø180mm	80 × Ø200mm	80 × Ø175mm
WEIGHT	0.8kg	0.8kg	0.9kg

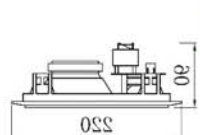
Specifications are subjected to be changed without notice.



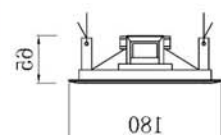
DSP502N



DSP553

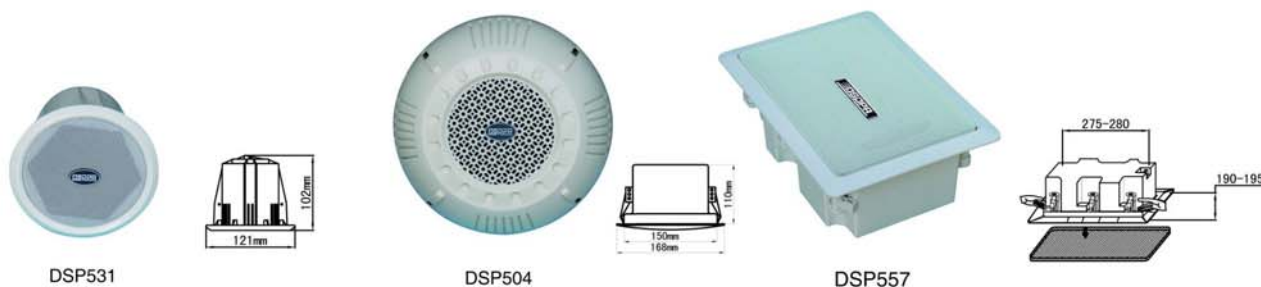


DSP551



MODE	DSP502N	DSP553	DSP551
FULL-RANGE	4.5"X1	4"X1, 2"X1	4.5"X1
RATED POWER	3W	6W	3W
MAX POWER	6W	10W	6W
LINE VOLTAGE	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	91dB	90dB	90dB
MAX SOUND PRESSURE LEVEL(1M)	96dB	100dB	95dB
FREQ. RESP.	160-16,000Hz	100-18,000Hz	100-16,000Hz
HOLE FOR MOUNTING	Ø170- Ø176mm	125x195mm	150x150mm
DEMENSIONS(HxWxL)	80 × Ø200mm	90x220x150mm	65x180x180mm
WEIGHT	0.8kg	1.2kg	0.8kg

Specifications are subjected to be changed without notice.



MODE	DSP531	DSP504	DSP557
FULL-RANGE	3"X1	4.5"X1	6.5"X1, 1"X1
RATED POWER	6W	3W	20W
MAX POWER	10W	6W	40W
LINE VOLTAGE	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	91dB	91dB	91dB
MAX SOUND PRESSURE LEVEL(1M)	101dB	96dB	104dB
FREQ.RESP.	130-20,000Hz	300-14,000Hz	80-20,000Hz
HOLE FOR MOUNTING	Ø102-Ø106mm		190x275mm
DEMENSIONS(HxWxL)	105 x Ø 120mm	75 x Ø180mm	305 x 220 x 110mm
WEIGHT	0.4Kg	0.8Kg	2.4Kg

Specifications are subjected to be changed without notice.

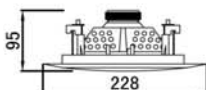


MODE	DSP901	DSP903	DSP922
FULL-RANGE	4.5"X1	4.5"X1	4"X1,2.5"X1
RATED POWER	3W	3W	8W
MAX POWER	6W	6W	15W
LINE VOLTAGE	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	91dB	91dB	88dB
MAX SOUND PRESSURE LEVEL(1M)	96dB	97dB	97dB
FREQ.RESP.	100-16,000Hz	250-16,000Hz	130-20,000Hz
HOLE FOR MOUNTING	Ø155-Ø158mm	Ø155-Ø158mm	Ø192-Ø200mm
DEMENSIONS(HxWxL)	110 x Ø 168mm	110 x Ø174mm	115 x Ø220mm
WEIGHT	1.2kg	1.2kg	2kg

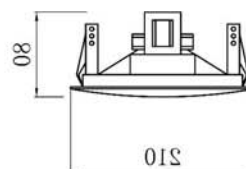
Specifications are subjected to be changed without notice.



DSP703 COAXIAL



DSP802

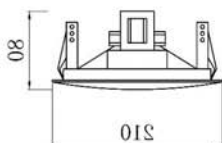


MODE	DSP703	DSP802
FULL-RANGE	6.5"X1 1"X1	6.5"X1
RATED POWER	20W	6W
MAX POWER	40W	10W
LINE VOLTAGE	70/100V	70/100V
SENSITIVITY(1M,1W)	88dB	92dB
MAX SOUND PRESSURE LEVEL(1M)	101dB	100dB
FREQ.RESP.	60-18,000Hz	70-18,000Hz
HOLE FOR MOUNTING	Ø194-Ø200mm	Ø178-Ø190mm
DEMENSIONS(HxWxL)	95 × Ø228mm	80 × Ø210mm
WEIGHT	1.8kg	1.0kg

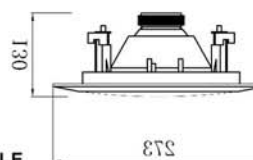
Specifications are subjected to be changed without notice.



DSP803



DSP804 BASS&TREBLE



MODE	DSP803	DSP804
FULL-RANGE	6.5"X1	8"X1 , 1"X1
RATED POWER	6W	30W
MAX POWER	10W	60W
LINE VOLTAGE	70/100V	70/100V
SENSITIVITY(1M,1W)	92dB	92dB
MAX SOUND PRESSURE LEVEL(1M)	100dB	107dB
FREQ.RESP.	75-18,000Hz	50-20,000Hz
HOLE FOR MOUNTING	Ø178-Ø190mm	Ø242- Ø 245mm
DEMENSIONS(HxWxL)	80 × Ø210mm	130 × Ø273mm
WEIGHT	1.1kg	3.2kg

Specifications are subjected to be changed without notice.



MODE	DSP915	DSP916	DSP918
FULL-RANGE	5"X1,1"X1	5"X1,1"X1	8"X1, 1"X1
RATED POWER	20W	40W	60W
LINE VOLTAGE	70/100V/4-16 Ω	70/100V/4-16 Ω	70/100V/4-16 Ω
SENSITIVITY(1M,1W)	90dB	91dB	92dB
MAX SOUND PRESSURE LEVEL(1M)	103dB	107dB	110dB
FREQ.RESP.	60-20,000Hz	50-20,000Hz	45-20,000Hz
HOLE FOR MOUNTING	Ø170mm	Ø200mm	Ø 245mm
DEMENSIONS(HxWxL)	223 × Ø196mm	241 × Ø231mm	270 × Ø273mm
WEIGHT	2.9kg	4.2kg	5.7kg

Specifications are subjected to be changed without notice.



MODE	DSP902	DSP904	DSP2802
FULL-RANGE	6.5"X1	6.5"X1	6.5"X1
RATED POWER	6W	6W	8W
MAX POWER	10W	10W	AC220-240V/50-60Hz
LINE VOLTAGE	70/100V	70/100V	250mV
INPUT RESISTANCE			10KΩ
SINGAL TO NOISE RATIO			≥75dB
TOTAL HARMONIC DISTORTION			0.2%
SENSITIVITY(1M,1W)	92dB	92dB	92dB
MAX SOUND PRESSURE LEVEL(1M)	100dB	100dB	97dB
FREQ.RESP.	80-14,000Hz	200-14,000Hz	200-14,000Hz
HOLE FOR MOUNTING	Ø192-Ø194mm	Ø192- Ø196mm	Ø192-Ø196mm
DEMENSIONS(HxWxL)	115 × Ø205mm	115 × Ø210mm	110xØ210mm
WEIGHT	1.6kg	1.6kg	1.5kg

Specifications are subjected to be changed without notice.



DSP106



DSP206



DSP116

MODE	DSP106	DSP206	DSP116
FULL-RANGE	6.5"X1 , 2.5"X1	4"X6"X1	4.5"X1
RATED POWER	6W	6W	3W
MAX POWER	10W	10W	6W
LINE VOLTAGE	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	92dB	91dB	91dB
MAX SOUND PRESSURE LEVEL(1M)	100dB	99dB	96dB
FREQ.RESP.	160-18,000Hz	200-12,000Hz	180-14,000Hz
DEMENSIONS(HxWxL)	275 × 185 × 120mm	260 × 175 × 85mm	87 × 228 × 173mm
WEIGHT	1.2kg	1.5kg	0.8Kg

Specifications are subjected to be changed without notice.



DSP216



DSP218



DSP207

MODE	DSP216	DSP218	DSP207
FULL-RANGE	4.5"X2	4"X2 , 1"X1	6.5"X1 , 1"X1
RATED POWER	8W	40W	15W
MAX POWER	15W	80W	30W
LINE VOLTAGE	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	91dB	88dB	91dB
MAX SOUND PRESSURE LEVEL(1M)	100dB	104dB	103dB
FREQ.RESP.	160-14,000Hz	100Hz-20kHz	90-18,000Hz
DEMENSIONS(HxWxL)	106 × 310 × 140mm	380 × 240 × 145mm	270 × Ø175mm
WEIGHT	1.2Kg	3.3Kg	2kg
COLOR		White/Black	

Specifications are subjected to be changed without notice.



DSP6061W



DSP6062W



DSP6063W



DSP6064W

MODE	DSP6061W	DSP6062W	DSP6063W	DSP6064W
FULL-RANGE	4"X1 , 1"X1	5.5"X1 , 2.5"X1	6.5"X1 , 2.5"X1	8"X1 , 2.5"X1
RATED POWER	10W	20W	30W	50W
MAX POWER	20W	40W	60W	100W
LINE VOLTAGE	70/100V	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	90dB	90dB	91dB	91dB
MAX SOUND PRESSURE LEVEL(1M)	100dB	103dB	106dB	108dB
FREQ.RESP.	100-20,000Hz	90-20,000Hz	70-20,000Hz	55-20,000Hz
DEMENSIONS(HxWxL)	280 × 170 × 150mm	300 × 185 × 170mm	330 × 210 × 195mm	442 × 255 × 276mm
WEIGHT	2.8kg	3.4kg	4.2kg	8.4kg

Specifications are subjected to be changed without notice.



DSP6061B



DSP6062B



DSP6063B



DSP6064B

MODE	DSP6061B	DSP6062B	DSP6063B	DSP6064B
FULL-RANGE	4"X1 , 1"X1	5.5"X1 , 2.5"X1	6.5"X1 , 2.5" X1	8"X1 , 2.5"X1
RATED POWER	10W	20W	30W	50W
MAX POWER	20W	40W	60W	100W
LINE VOLTAGE	70/100V	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	90dB	90dB	91dB	91dB
MAX SOUND PRESSURE LEVEL(1M)	100dB	103dB	106dB	108dB
FREQ.RESP.	100-20,000Hz	90-20,000Hz	70-20,000Hz	55-20,000Hz
DEMENSIONS(HxWxL)	280 × 170 × 150mm	300 × 185 × 170mm	330 × 210 × 195mm	442 × 255 × 276mm
WEIGHT	2.8kg	3.4kg	4.2kg	8.4kg

Specifications are subjected to be changed without notice.



P306



DSP406



DSP506 (Two-side Piano Finish Body)

MODE	DSP306	DSP406	DSP506
FULL-RANGE	6.5"X1	4"x6"x1	4"X2 , 2.5"X2
RATED POWER	10W	10W	20W
MAX POWER	20W	20W	40W
LINE VOLTAGE	70/100V	70/100V	100V
SENSITIVITY(1M,1W)	91dB	91dB	89dB
MAX SOUND PRESSURE LEVEL(1M)	101dB	101dB	102dB
FREQ.RESP.	120-16KHz	80-18KHz	90-20000Hz
DEMENSIONS(HxWxL)	290 × 210 × 101mm	314 × 203 × 119mm	260 × 185 × 405mm
WEIGHT	2kg	2.4kg	6.5kg

Specifications are subjected to be changed without notice.



DSP107



DSP507



DSP416B



DSP416B × 4组合安装

MODE	DSP107	DSP507	DSP416
FULL-RANGE	6.5"X1 , 1"X1	3"X1	6.5"X1 , 1"X1
RATED POWER	15W	2W	25W
MAX POWER	30W	4W	50W
LINE VOLTAGE	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	91dB	86dB	90dB
MAX SOUND PRESSURE LEVEL(1M)	103dB	89dB	104dB
FREQ.RESP.	110-18,000Hz	300-16,000Hz	60-20,000Hz
DEMENSIONS(HxWxL)	195 × Ø230mm	120 × 120 × 60mm	335 × 160 × 236mm
WEIGHT	2kg	0.4kg	3.2Kg

Specifications are subjected to be changed without notice.



DSP133



DSP364

MODE	DSP133	DSP364
RATED POWER	5W	10W
MAX POWER	8W	20W
LINE VOLTAGE	70V/100V	70/100V
SENSITIVITY(1M,1W)	89dB	96dB
MAX SOUND PRESSURE LEVEL(1M)	97dB	106dB
FREQ.RESP.	200-12,000Hz	140-20,000Hz
DEMENSIONS(HxWxL)	400 × 300 × 45mm	267 × 152 × 303mm
WEIGHT	1.8kg	3.0kg

Specifications are subjected to be changed without notice.



DSP154H



DSP304H



DSP204H
Anti-explosion Horn Speaker

MODE	DSP154H	DSP304H	DSP204H
RATED POWER	15W	30W	20W
MAX POWER	30W	60W	40W
LINE VOLTAGE	70/100V	70/100V	70V/100V
SENSITIVITY(1M,1W)	105dB	105dB	105dB
MAX SOUND PRESSURE LEVEL(1M)	117dB	120dB	118dB
FREQ.RESP.	400-8,000Hz	400-8,000Hz	400-10,000Hz
DEMENSIONS(HxWxL)	195 × 195 × 250mm	250 × 250 × 285mm	252 × 252 × 355mm
WEIGHT	1.7kg	2kg	6.7 Kg

Specifications are subjected to be changed without notice.



DSP1202 Large Speaker



DSP3008A (150W)



DSP3012A (300W)



DSP3028A (1000W)

MODE	DSP1202	DSP3008A	DSP3012A	DSP3028A
RATED POWER	150W	150W	300W	1000W
MAX POWER	250W	300W	600W	2000W
LINE VOLTAGE	70/100V	70/100V	70/100V	160V
SENSITIVITY(1M,1W)	94dB	104dB	108dB	110dB
MAX SOUND PRESSURE LEVEL(1M)	116dB	126dB	133dB	140dB
FREQ.RESP.	42-20,000Hz	120-18,000Hz	70-18,000Hz	100 -16kHz
DEMENSIONS(HxWxL)	580 × 430 × 310mm	460 × 560 × 650mm	610 × 760 × 1040mm	690 × 690 × 900mm
WEIGHT	21kg	25kg	45kg	73.8kg

Specifications are subjected to be changed without notice.



The speaker units have the features of high sensitivity and high dynamic range

Specifications

MODEL	DSP161HD	DSP162HD
RATED POWER	25W	50W
SENSITIVITY(1M,1W)	104±2dB	104±2dB
MAX SPL	118±2dB	121±2dB
FREQUENCY RESPONSE	250~15KHz	250~15KHz
DIMENSION(mm)	500X500X406	500X500X406
WEIGHT	3.5kg	4.5kg

Specification are subject to change without notice



DSP660W

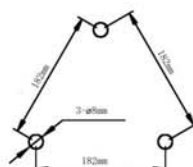


MODE	DSP660W
FULL-RANGE	4"x6"x2, 2.5"x2
RATED POWER	15W
MAX POWER	30W
LINE VOLTAGE	70/100V
SENSITIVITY(1M,1W)	90dB
MAX SOUND PRESSURE LEVEL(1M)	102dB
FREQ.RESP.	100-14,000Hz
DEMENSIONS(HxWxL)	765x195x135mm
WEIGHT	6.5kg

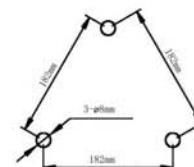
Specifications are subjected to be changed without notice.



DSP3601



DSP3602

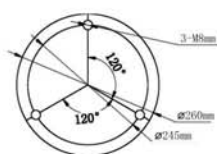


MODE	DSP3601	DSP3602
FULL-RANGE	6.5"X1 , 3"X1	6.5"X1 , 3"X1
RATED POWER	23W	30W
MAX POWER	45W	60W
LINE VOLTAGE	70/100V	70/100V
SENSITIVITY(1M,1W)	86dB	86dB
MAX SOUND PRESSURE LEVEL(1M)	100dB	101dB
FREQ.RESP.	80-10,000Hz	60-14,000Hz
DEMENSIONS(HxWxL)	440 × Ø240mm	580 × Ø240mm
WEIGHT	6kg	7kg

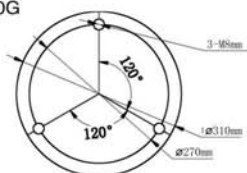
Specifications are subjected to be changed without notice.



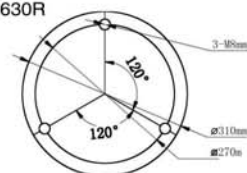
DSP620



DSP630G



DSP630R

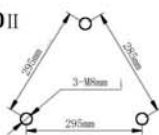


MODE	DSP620	DSP630G / DSP630R
FULL-RANGE	6.5"X1	4"x6"x2,3"x2
RATED POWER	10W	15W
MAX POWER	20W	30W
LINE VOLTAGE	70/100V	70/100V
SENSITIVITY(1M,1W)	91dB	90dB
MAX SOUND PRESSURE LEVEL (1M)	101dB	102dB
FREQ.RESP.	150-13,000Hz	100-8,000Hz
DEMENSIONS(HxWxL)	360x350mm	480x Ø410mm
WEIGHT	4.5kg	9kg

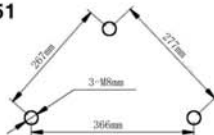
Specifications are subjected to be changed without notice.



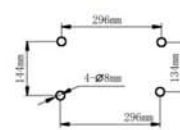
DSP650 II



DSP651



DSP653

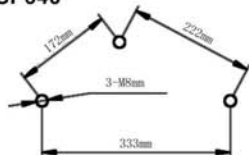


MODE	DSP650II	DSP651	DSP653
FULL-RANGE	8"X1 , 3"X1	5"x1	4.5"x1
RATED POWER	30W	15W	10W
MAX POWER	60W	30W	20W
LINE VOLTAGE	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	88dB	86dB	90dB
MAX SOUND PRESSURE LEVEL(1M)	103dB	98dB	100dB
FREQ.RESP.	80-12,000Hz	100-12,000Hz	85-11,000Hz
DEMENSIONS(HxWxL)	380 × Ø380mm	500x480x300mm	650x60x510mm
WEIGHT	10.5kg	7kg	4kg

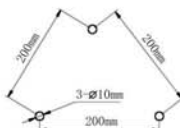
Specifications are subjected to be changed without notice.



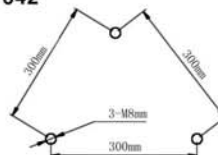
DSP640



DSP641



DSP642



DSP643

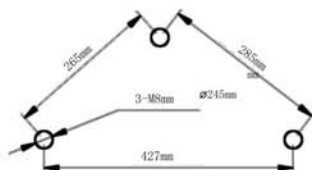


MODE	DSP640	DSP641	DSP642	DSP643
FULL-RANGE	6.5"X1	5"X1	6.5"X1	6.5"X1
RATED POWER	23W	10W	10W	20W
MAX POWER	45W	20W	20W	40W
LINE VOLTAGE	70/100V	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	88dB	88dB	88dB	87dB
MAX SOUND PRESSURE LEVEL(1M)	102dB	98dB	98dB	100dB
FREQ.RESP.	80-16,000Hz	100-14,000Hz	80-16,000Hz	100-15,500Hz
DEMENSIONS(HxWxL)	420x360x250mm	420x320x250mm	400x350x400mm	320x250x380mm
WEIGHT	7kg	5.6kg	6.3kg	5kg

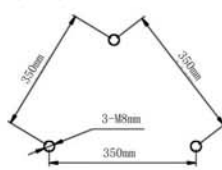
Specifications are subjected to be changed without notice.



DSP644



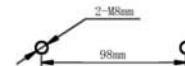
DSP645(雙面)



DSP646



DSP647



MODE	DSP644	DSP645(Two-side)	DSP646	DSP647
FULL-RANGE	8"X1, 2.5"X1	6.5"X2	6.5"X1	5"X1
RATED POWER	30W	20W	20W	15W
MAX POWER	60W	40W	40W	30W
LINE VOLTAGE	70/100V	70/100V	70/100V	70/100V
SENSITIVITY(1M,1W)	88dB	88dB	87dB	86dB
MAX SOUND PRESSURE LEVEL(1M)	103dB	101dB	100dB	98dB
FREQ.RESP.	60-14,000Hz	80-16,000Hz	105-16,000Hz	150-20,000Hz
DEMENSIONS(HxWxL)	460x600x250mm	420x460x420mm	370x210x365mm	225x225x270mm
WEIGHT	8.5kg	10.3kg	5.5kg	3.6kg

Specifications are subjected to be changed without notice.



CM10(With Ring Voice)



EC200



CB100

MODE	CM10	EC200	CB100
FREQ.RESP	100-16000Hz	50-15000Hz	250-6000Hz
IMPEDANCE	600 Ω	600 Ω	500 Ω
SENSITIVITY(at1KHz)	-50dB \pm 1dB	-54dB \pm 3dB	-74dB
DIMENSIONS(HxWxL)	250 \times 190 \times 130mm	420 \times 150 \times 150mm	100 \times 60 \times 50mm
WEIGHT	1.4kg	1.4kg	0.165kg

Specifications are subjected to be changed without notice.



Input Sensitivity	Mic:5 \pm 1mV,unbalance Line:1 \pm 0.1v,unbalance
LINE Output Voltage	1 \pm 0.1V
Distortion	LINE: \leq 0.5%,MIC: \leq 1%(Output 1V)
Frequency Response	Mic150Hz~15KHz;Line:20Hz~20kHz(\pm 3dB)
Output Noise Voltage	Mic: \leq 1.5mV,Line: \leq 0.3mV
Protection	AC FUSE 200mA
Power Requirement	AC 192~242V/50~60Hz
Dimensions	270x180x55mm
Gross Weight	1.5kg
Net Weight	1.2kg

Specifications are subjected to be changed without notice.

MP9810R || Zone Paging Microphone

- Up to 10 MP9810P paging selectors can be established for paging. Remote paging distance up to 1 km
- 1 MIC and 1LINE input, volume variable
- Built-in chime, mute function

C1010R Zone Paging Microphone

- Up to 10 PC1010P paging selectors can be established for paging. Remote paging distance up to 1 km
- 1 MIC and 1LINE input, volume variable
- Built-in chime, mute function



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	
CAPACITY	6W						
EXTENSION	30W/60W/120W/200W				6W		OPTION
SELECTION SWITCH			✓	✓			
FORCED INSERTION		✓		✓		✓	
WIRE MODE	2, 3, 4				2, 3, 4, 6		
PANEL COLOR	White						
DIMENTIONS (HxWxL)	85 × 85 × 60mm						

Specifications are subjected to be changed without notice.



WH-4



WH-4F



WH-5



WH-5F

MODE	WH-4	WH-4F	WH-5	WH-5F	
CAPACITY	6W				
EXTENSION	30W/60W/120W/200W				OPTION
SELECTION SWITCH			✓	✓	
FORCED INSERTION		✓		✓	
WIRE MODE	2, 6				
PANEL COLOR	White				
DIMENSIONS (HxWxL)	85 × 85 × 60mm				

Specifications are subjected to be changed without notice.



MODE	MP1118	MP1115	MP1110	MP1105
DIMENSIONS(HxWxL)	1850 × 535 × 485mm	1408 × 535 × 485mm	970 × 535 × 485mm	526 × 535 × 485mm
INTERIOR SIZE	38U	28U	18U	8U
COLOR	Black			
OPTIONS	SALVER,BLANK PLATE,CROSS-TROPSCH ARTICLE			

Specifications are subjected to be changed without notice.



MP40U

MP30U

MP20U

MODE	MP40U	MP30U	MP20U
DIMENSIONS(HxWxL)	2000 x 576 x 630mm	1580 x 576 x 630mm	1108 x 576 x 630mm
INTERIOR SIZE	40U	30U	20U
COLOR	Grey		
OPTIONS	SALVER,BLANK PLATE,CROSS-TROPSCH ARTICLE		

Specifications are subjected to be changed without notice.