

# INTER-M CATALOGUE

Commercial & Professional  
Audio Product



**interM**





# INTER-M CATALOGUE





**interM**  
Inter-M Corporation



# COMMERCIAL AUDIO PRODUCTS/

## /PA SYSTEM

6000 SERIES	08
TRANSMISSION	22
IPC SYSTEM	24
S-MEDIA SYSTEM	28
500 SYSTEM	32
PX-8000 SYSTEM	36
REFERENCE SYSTEM	37

## /SOUND SOURCE

CD	40
TUNER, MODULURE TYPE	41

## /PA COMBINATION

PAC-5000	44
PSI-5120A / 5240A	45
PCT-610 / 620	46
SYSTEM-2240G	47
ACR-120M	48

## /PA MIXER / AMPLIFIER

MA-106 / 106A / 206 / 212 / 224	50
PAM-510 / 520	52
PAM-120A / 340A / 480A	53
PA-935N / 1000B / 1000BR	54
A-60/120, PA-2000A/4000A/6000A	55
DPA-430H	56
DPA-130/230DC	57
DPA-5075M, DM-75	58
PA-612 / 624 / 636 / 648	59

## /PA SPEAKER

COLUMN	62
CEILING	64
APT	66
COMMERCIAL, HORN	67
WALL	68

## /OTHER PRODUCT

BLANK PANEL, ATTENUATOR	72
MIC / STAND	76
RACK CABINET	81

# PROFESSIONAL AUDIO PRODUCTS/

## **/POWER AMPLIFIER**

V2 SERIES	84
DPA-430L	85
R SERIES	86
L SERIES	87
QD SERIES	88
OT SERIES	89

## **/MIXING CONSOLE / SIGNAL PROCESSOR**

MX-1646, CLN-200	92
PEQ-105, GEQ-131 / 231	93
DIB-100	94

## **/LOUDSPEAKER**

CLA-8A / 18SA / 8A FRAME	96
CLA-5 / 15S / 5 FRAME	97
CLA-5RACK 6 / 10	97
CSP-4.8	98
SE-8 / 10 / 12 / 15	99
SQ-8 / 10 / 12 / 15	100
SB-15A / 18A	101



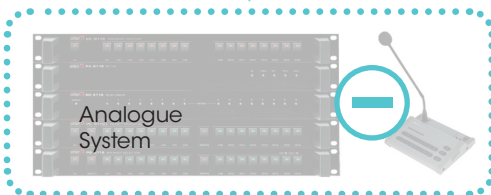
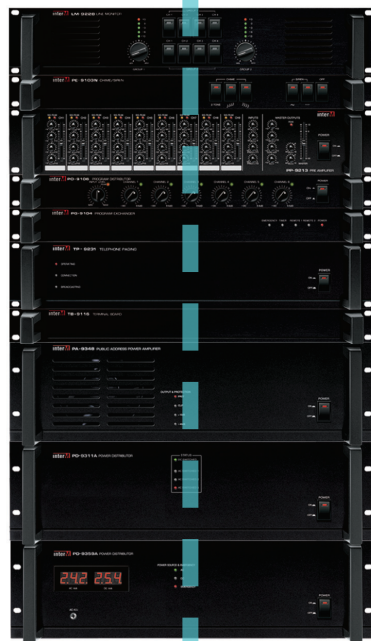
# / PA SYSTEM PRODUCT

Commercial Audio Products

[www.inter-m.com](http://www.inter-m.com) **interM**

# 6000 SERIES PC CONTROL SYSTEM

## 9000 / 600 SYSTEM



## Broadcasting Combination System

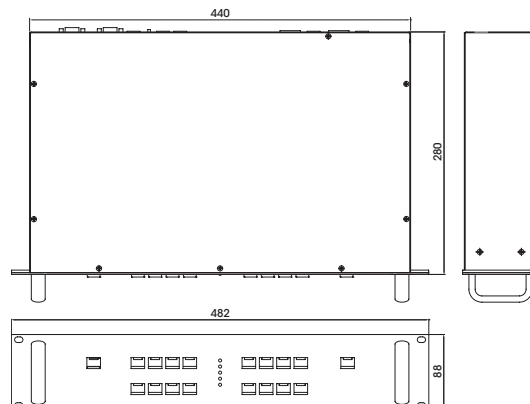
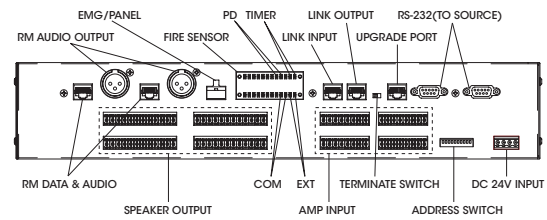
# ECS-6216P



### Features

- Priority Control: Emergency, Timer, Remote 1, Remote 2, Main
- Auto fire sensing and announcement at designated zone
- PC edit Fire/RM Macro information memory save
- RS-485 communication (RM1, 2 : RS-422)
- Emergency Speaker Selector: All, Channels 1-16
- Main Speaker Selector(BGM Speaker selector) : All, Channels 1-16
- 2 Wire and 3 Wire connection speaker control
- Convenient to install  
(connection, economy of time to install)
- Power Source : 24VDC
- Power Consumption : 900mA
- Weight : 4.3kg / 9.48lb
- Dimensions (W x H x D) : 482 x 88 x 280mm / 19 x 3.5 x 11in

### Dimensions





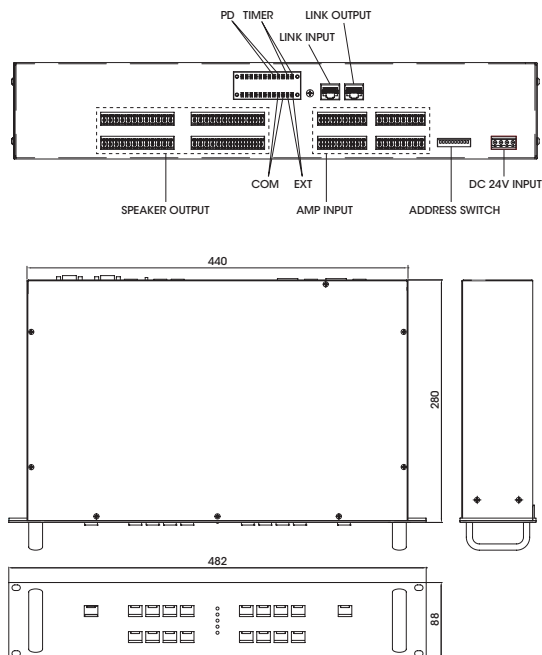
## Broadcasting Zone Extender

# ECS-6216S

NEW

ROHS  
COMPLIANT**Features**

- For the zone extension
- Max 9set extension (16 Zone x 9 = 144 Zone).
- Priority Control : Emergency, Timer, Remote1, Remote2, Main
- Auto fire sensing and announcement at designated zone
- PC edit Fire/RM Macro information memory save
- RS-485 communication.
- Emergency Speaker Selector: All, Channels 1-16
- Main Speaker Selector (BGM Speaker selector) : All, Channels 1-16
- 2 Wire and 3 Wire connection speaker control
- Convenient to install  
(connection, economy of time to install)
- Power Source : 24VDC
- Power Consumption : 600mA
- Weight : 4.3kg / 9.48lb
- Dimensions (W x H x D) : 482 x 88 x 280mm / 19 x 3.5 x 11in

**Dimensions**

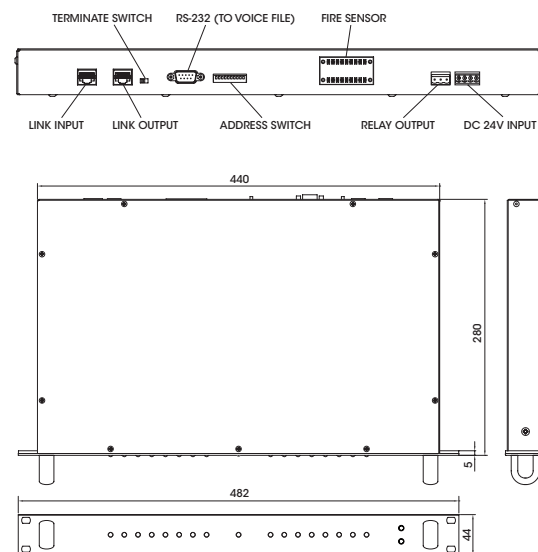
## System Configuration Router

# ER-6116

NEW

ROHS  
COMPLIANT**Features**

- PC using for Public Address System control
- Control up to 99 voice message (recorded PV-6232)
- 16 zones / 16 scenarios
- PC based edit scenario information Flash memory save
- Extension up to 160 zones and 160 scenarios
- Interface RS-485 for Control unit
- Button BYPASS for manual control
- Buzzer off
- Relay output for external device control
- Power Source : 24VDC
- Power Consumption : 100mA
- Weight : 2.8kg / 6.17lb
- Dimensions (W x H x D) : 482 x 44 x 280mm / 19 x 1.75 x 11in

**Dimensions**

Remote MIC Extender

# RME-6108

NEW

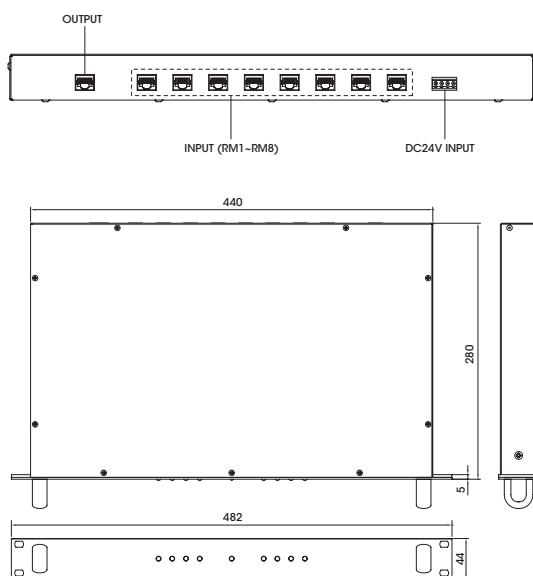
RoHS COMPLIANT  CE



Features

- 1set provide 8pcs of RM-6024 (System total RME-608 x 2set)
- CH sequential priority set-up (Default : 1CH>2CH>.....>8CH)
- Interface RS-422 for Control unit
- Power Source : 24VDC
- Power Consumption : 150mA
- Weight : 2.8kg / 6.17lb
- Dimensions (WxHxD) : 482x44 x 280mm / 19 x 1.75 x 11in

Dimensions



System Remote MIC Station / 12Key Extender

# RM-6024/6012KP

NEW

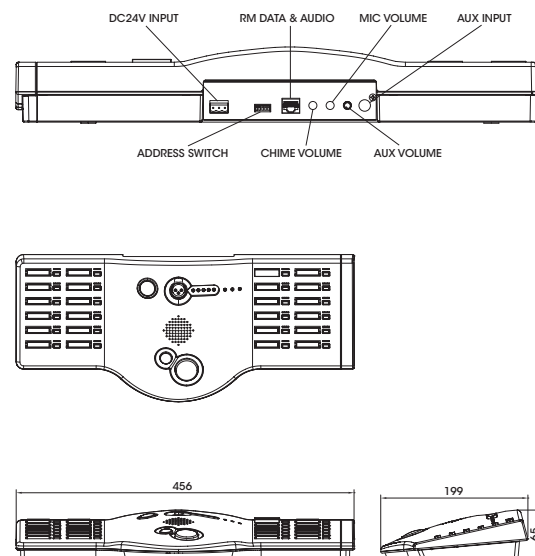
RoHS COMPLIANT  CE



Features

- MIC / AUX / CHIME volume adjustable
- Key Zone Macro function (Set-up from the PC)
- Interface RS-422 for Control unit
- Power Source : 24VDC
- Configuration of simple interface using a UTP (Category) cable
- One-Touch broadcasting function using the [TALK] button
- Expansion of zone using the Expansion Keypad (RM-6012KP)
- Power Source : DC 24V
- Power Consumption : 270mA
- Weight : 1.1kg / 2.4lb
- Dimensions (W x H x D) : 456 x 200 x 65mm / 18 x 7.9 x 2.6in

Dimensions



## Direct Box

# DIB-6000

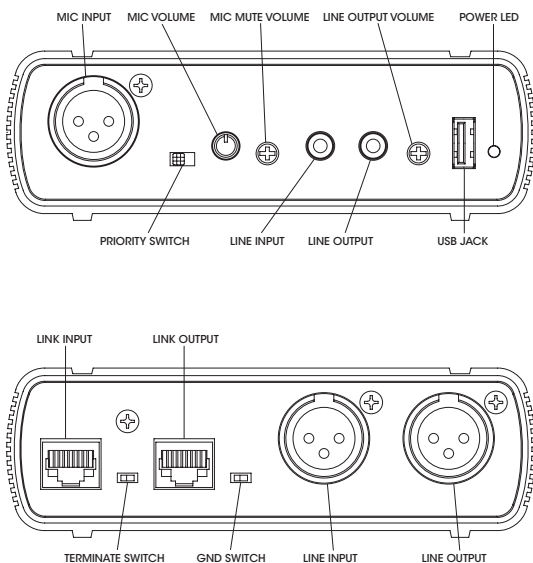
NEW

ROHS COMPLIANT  CE

## Features

- PC Unbalance signal and system Balance connection (LINE IN/OUT)
- PC control USB TO UART converter built in (RS-485)
- MIC broadcasting (V/R control), Priority select (BGM<MIC)
- Recording level control (LOG file save)
- Power Source : PC USB power
- Power Consumption : 900mA
- Weight : 750g / 1.65lb
- Dimensions (W x H x D) : 140 x 43 x 140mm / 5.5 x 1.7 x 5.5in

## Dimensions



## PA Management Software

# MS-6100(1BUS)

NEW



## Features

- 6000 System Operation & Management Software (1CH / Multi CH)
- MP 3 Player (Scheduleing, BGM)
- Controlling a sound device (CD, Tuner, Cassette)
- Controlling a overall Output & Monitoring a broadcasting
- Broadcasting with a PC MIC
- Log Function (Text, Audio Recording & Play)
- Using a sound source (MP3) in the PC for playing BGM and announcement

## PA Management Software

# MS-6800(8BUS)

NEW



## Features

- 6000 System Operation & Management Software (1CH / Multi CH)
- MP 3 Player (Scheduleing, BGM)
- Controlling a sound device (CD, Tuner, Cassette)
- Controlling a overall Output & Monitoring a broadcasting
- Broadcasting with a PC MIC
- Log Function (Text, Audio Recording & Play)
- Using a sound source (MP3) in the PC for playing BGM and announcement

PA Audio Matrix System

# PX-6216

NEW

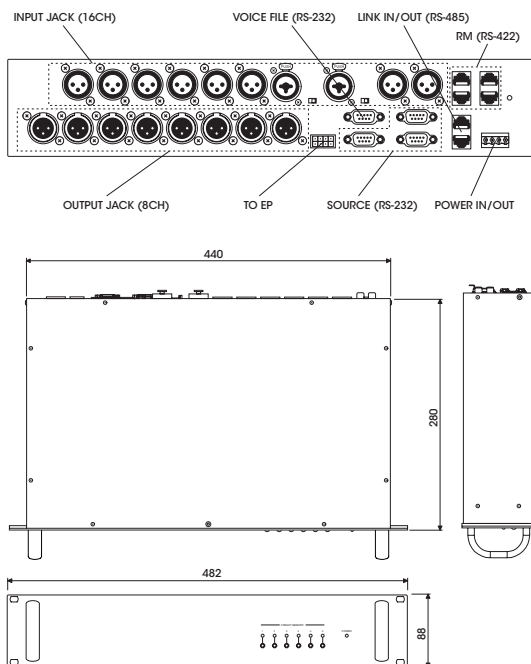
RoHS COMPLIANT CE



Features

- Priority Control: Emergency, Timer, Remote 1-2-3-4, BGM
- 16 input, 8 output Mixing and Matrix control
- 6 programmable preset macro button are installed
- Preset function Save and recall
- RS-485 communication
- 7Band EQ for each channel
- Volume and Mute Control for each channel
- 3 CD Control ports (RS232)
- Power Source : 24VDC
- Power Consumption : 1200mA
- Weight : 5.3kg / 11.68lb
- Dimensions (W x H x D) : 482 x 88 x 280mm / 19 x 3.5 x 11in

Dimensions



Broadcasting Zone Extender

# ECS-6216MS

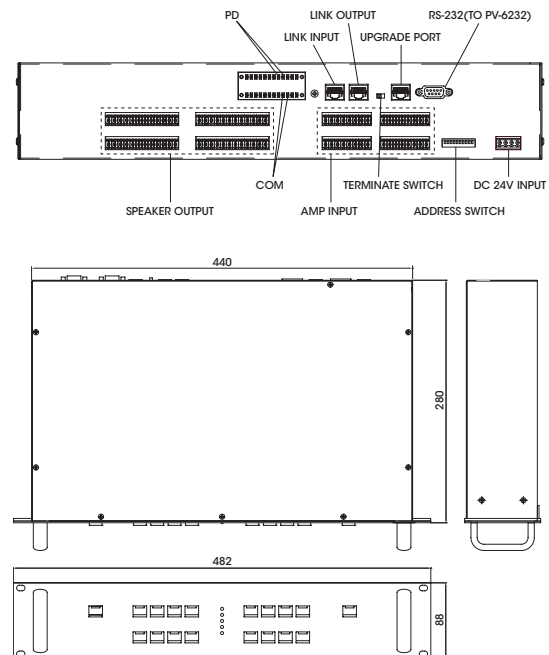
NEW



Features

- Zone Controller (coupled with PX-6216)
- Fire Sensor Input : 16 CH
- Expansion up to 10 units (16 Zones X 10 units = 160 Zones)
- Speaker Output : 3 Line Type (H.C.E)
- power source : DC 24V
- power consumption : 900mA
- Weight : 4.3kg / 9.5lb
- Dimension (W x H x D) : 482 x 88 x 280mm / 19 x 3.5 x 11in

Dimensions



## Emergency Panel

# EP-6216

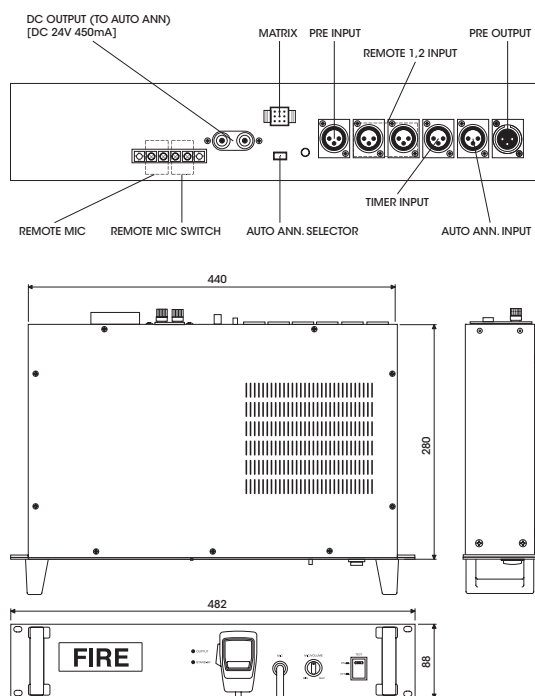
NEW



## Features

- Auto Fire Alarm
- Manless Broadcasting :  
Interior Auto Broadcasting (Voice & Siren),  
Exterior Auto Broadcasting
- Interior Auto Broadcasting : Siren & Voice
- Inspection & Test Switch installed
- Power Source : DC 24V
- Weight : 4kg / 8.8lb
- Dimension (W x H x D) : 482 x 88 x 280mm /  
19 x 3.5 x 11in

## Dimensions



## Multi Voice File

# PV-6232

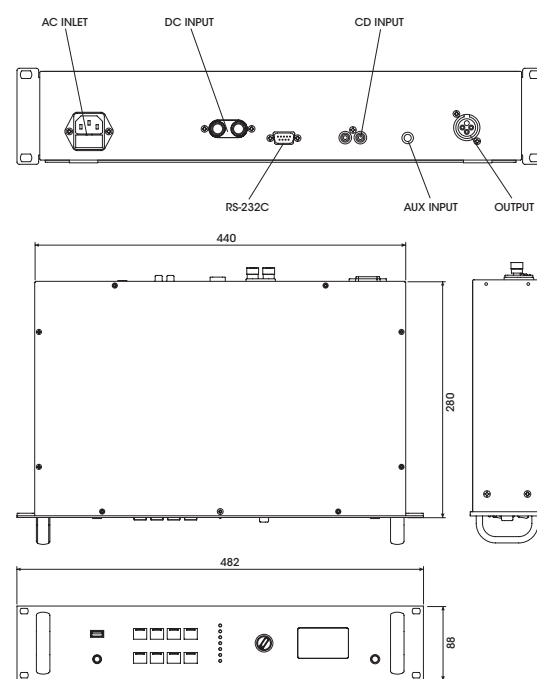
NEW



## Features

- High Quality sound Playing and Recording  
(MP3 Type, 256 kbps)
- Internal Flash Memory Recording (1Gbyte)
- External USB Interface for memory expansion
- Multifunction Display by Vacuum Fluorescent  
Display (Dot matrix)
- Power Source : DC 24V
- Weight : 4.3kg / 9.5lb
- Dimension (W x H x D) : 482 x 88 x 280mm /  
19 x 3.5 x 11in

## Dimensions



Program Timer

# PW-6242A

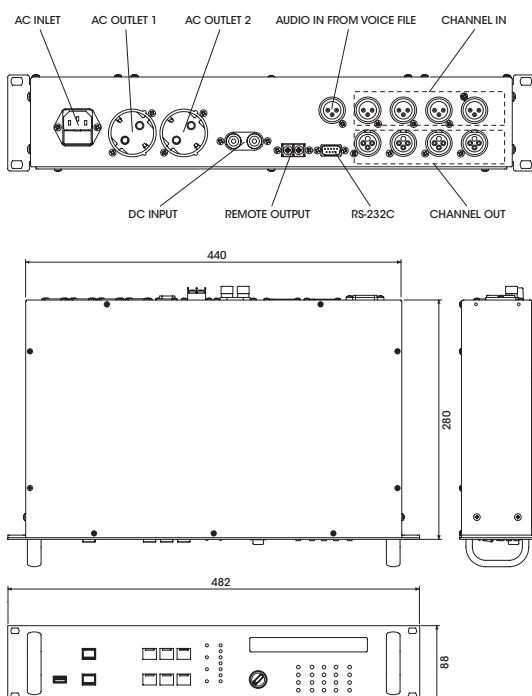
NEW



Features

- Built in USB port (Copy & Download)
- In/Out Channels : 5 Inputs, 4 outputs (balanced XLR)
- Timer-controlled switched AC power outlet
- Weekly memory and clear
- Built-In 15 melody and voice files from PV-632
- Protect / back-up functions
- The shape of outlets can be different according to country requirements
- Power Source : 100~120VAC or 220~240VAC; 50/60Hz, 24VDC (supplied AC mains transformer depends on country requirements)
- Power Consumption : 10W
- Weight : 5.7kg / 12.6lb
- Dimensions (WxHxD) : 482 x 88 x 380mm / 19 x 3.5 x 15in

Dimensions



Pre Amplifier

# PP-6214

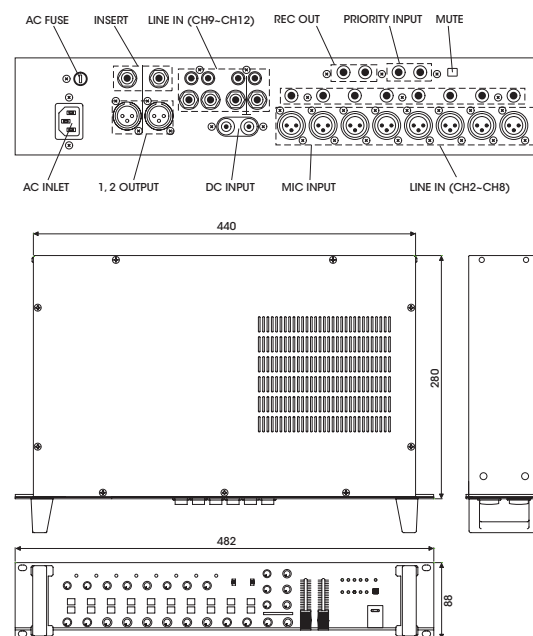
NEW



Features

- 8 Mono input & stereo input for CD, Tuner, Deck,
- Mute Func. (CH1 & Priority 1,2)
- REC OUT terminal.
- 3 Band Equalizer for main output
- Phantom power for Condensing Mic. (DC +18V)
- Balanced Circuit for Preventing the Noise
- Weight : 5kg / 11lb
- Dimension (W x H x D) : 482 x 88 x 280mm / 19 x 3.5 x 11in

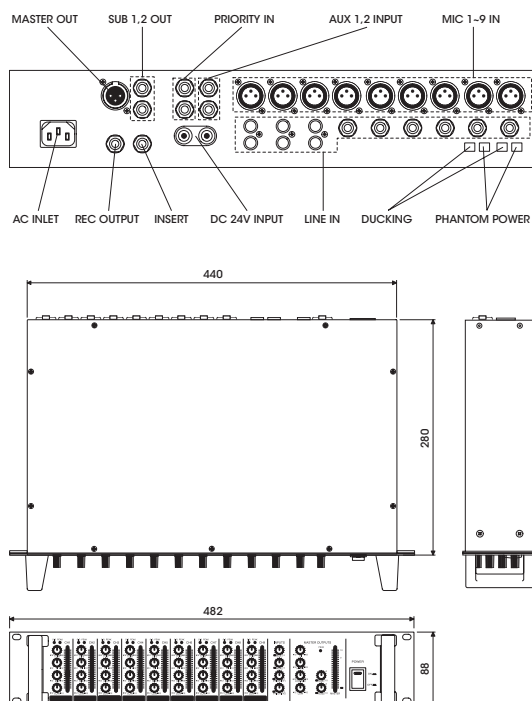
Dimensions



## Pre Amplifier

**PP-6213****NEW****Features**

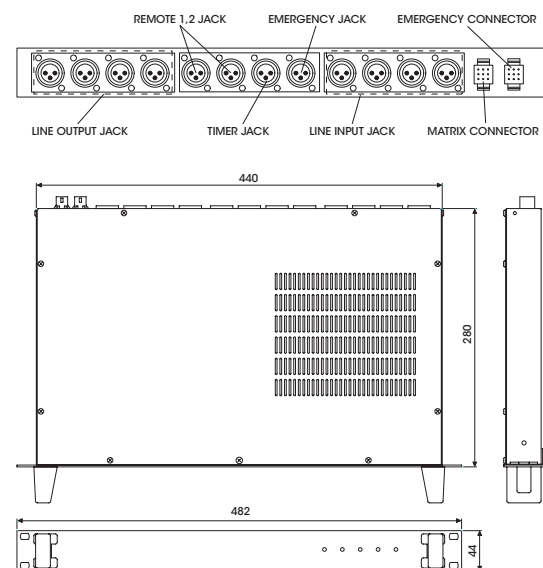
- Input & Output :  
9 CH Input & 1 CH Master Output  
2 CH Sub Output  
1 CH Recording Output (No Volume Control)
- Built in 2 CH Input Priority
- 3 Band Equalizer (HIGH, MID, LOW)
- DUCKING Function (CH 1, CH 2)
- Power Source : DC 24V
- Weight : 4.8kg / 10.6lb
- Dimension (W x H x D) : 482 x 88 x 280mm /  
19 x 3.5 x 11in

**Dimensions**

## Program Exchanger

**PG-6104****NEW****Features**

- Automatic Emergency Interface : Remote, Timer, EM Broadcasting
- Input Signal Priority
- 4 Line inputs & 4 Line outputs
- Display input signal LED
- Power Source : DC 24V
- Weight : 5kg / 11lb
- Dimension (W x H x D) : 482 x 44 x 240mm /  
19 x 1.7 x 9.4in

**Dimensions**

Program Distributor

# PO-6106

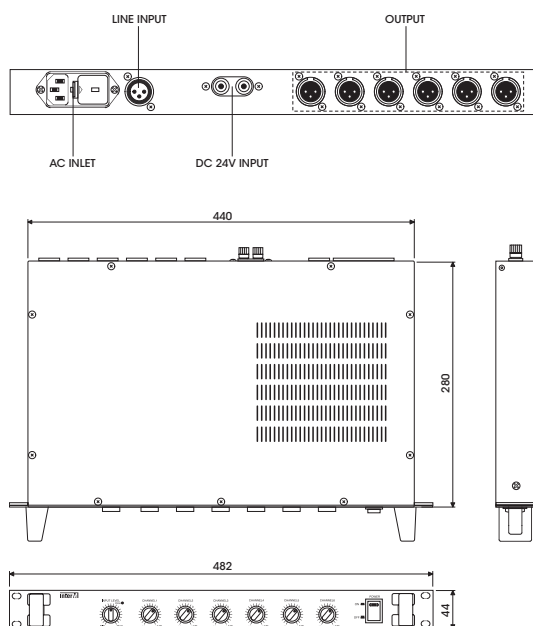
NEW



Features

- 1 XLR input, 6 XLR outputs
- Level control for each input/output
- LED display for each input/output
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz, 24VDC (supplied AC mains transformer depends on country requirements)
- Power Consumption : 10W
- Weight : 4kg / 8.8lb
- Dimensions (WxHxD) : 482x44x280mm / 19x1.75x11in

Dimensions



Line Monitor

# LM-6228

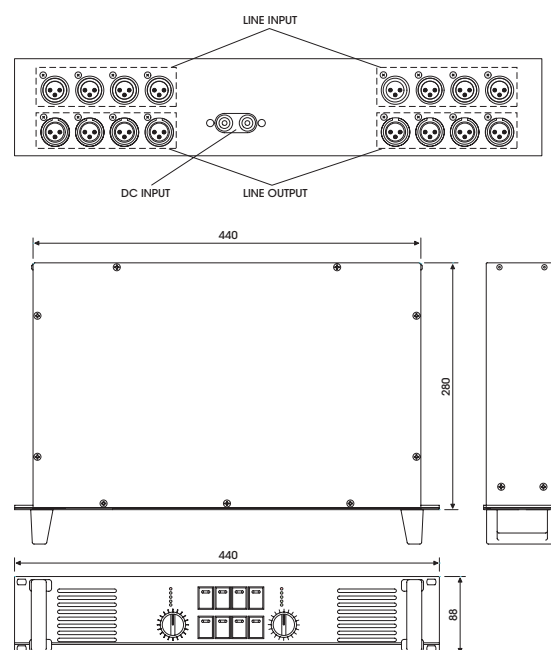
NEW



Features

- LED Level Meter for monitoring the level of Power AMP Input
- Monitoring 8 Mixer Out, 2 Group Simultaneous Monitoring
- Adjustable Volume Control
- Built-in High Quality Speaker for intelligible monitoring
- Weight : 7.5kg / 16.5lb
- Dimensions (WxHxD) : 482 x 88 x 280mm / 19 x 3.5 x 11in

Dimensions





## MIC Line Mixer

# LM-6414

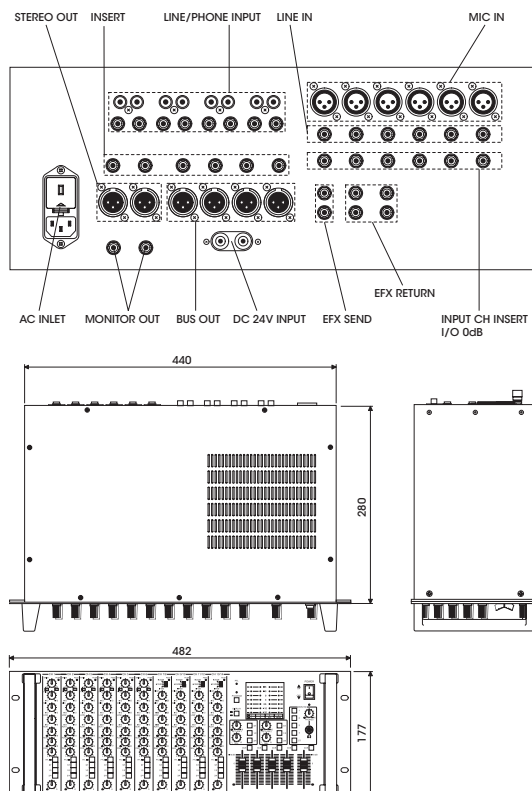
NEW



## Features

- 4U Size
- Power Source : AC & DC
- 4 CH Stereo inputs for Mic, Turntable, Deck, CD, Tuner, etc
- Input Signal adjustment (Trim VR, Trim Switch and Peck LED)
- 3 Band Equalizer
- Power Source : DC 24V
- Weight : 7.5kg / 16.5lb
- Dimensions (WxHxD) : 482 x 177 x 280mm / 19 x 7 x 11in

## Dimensions



## Auto Blower

# PF-6302

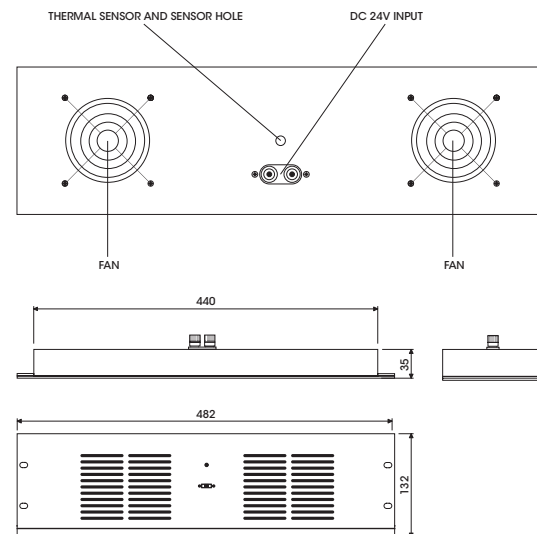
NEW



## Features

- Protection from the increasing of interior heat with Auto cooling Fan
- Using Thermo-Sensitive Device
- Usage : OFF, MANUAL, AUTOMATIC
- Noiselessness by using 2 Quiet Fan
- Power Source : DC 24V
- Weight : 1.5kg / 3.3lb
- Dimensions (WxHxD) : 482 x 132 x 35mm / 19 x 5.2 x 1.4in

## Dimensions



Auto Blower

# PF-6202

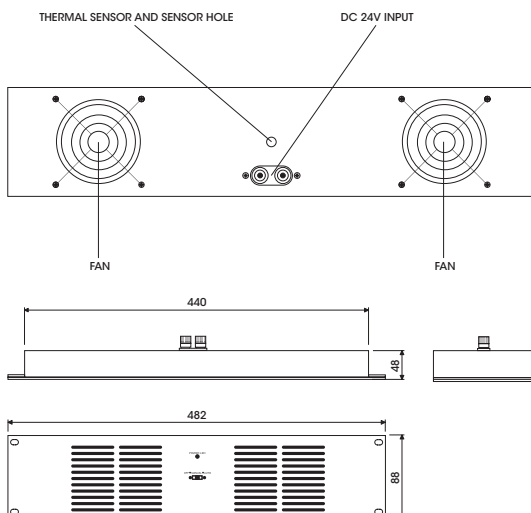
NEW



Features

- Rack system cooling fan unit
- Operation Selector Switch : Manual, Auto, Operating temperature
- Fans : 2 DC fans
- Power Source : 24VDC
- Power Consumption : 160mA
- Weight : 1.1kg / 2.4lb
- Dimensions (WxHxD) : 482 x 88 x 48mm / 19 x 3.5 x 2in

Dimensions



Monitor Panel

# PM-6228

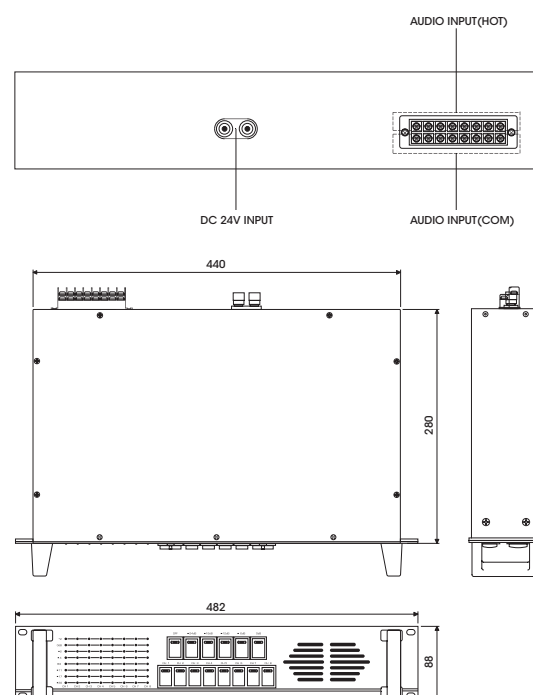
NEW



Features

- Output level LED Display (3 colors)
- Channel Select Switch (Select AMP, Monitoring Output Level)
- Display the 8 channels of AMP output
- High Quality Monitoring Speaker
- Speaker Volumn Control
- Power Source : DC 24V
- Weight : 3.5kg / 7.7lb
- Dimensions (WxHxD) : 482 x 88 x 280mm / 19 x 3.5 x 11in

Dimensions



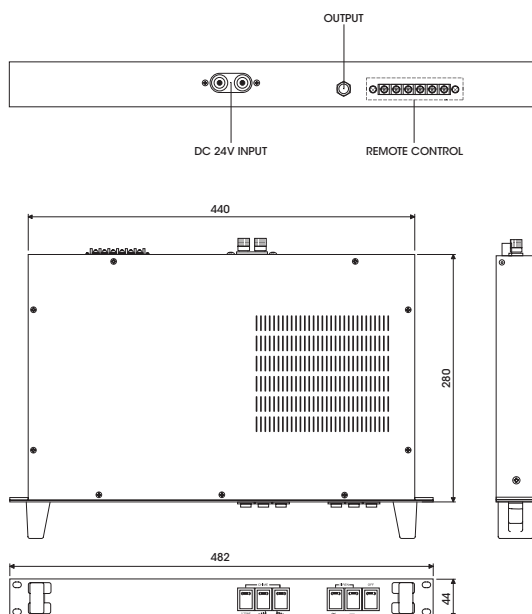
## Chime / Siren

# PE-6103

NEW

**Features**

- 3 Types of Chime and 2 Types of Siren (Constant, Undulating)
- 2 TONE & 4 SCALE Chimes
- Selectable Constant or Undula
- Power Source : DC 24V
- Weight : 2.8kg / 6.2lb
- Dimensions (WxHxD) : 482 x 44 x 280mm / 19 x 1.7 x 11in

**Dimensions**

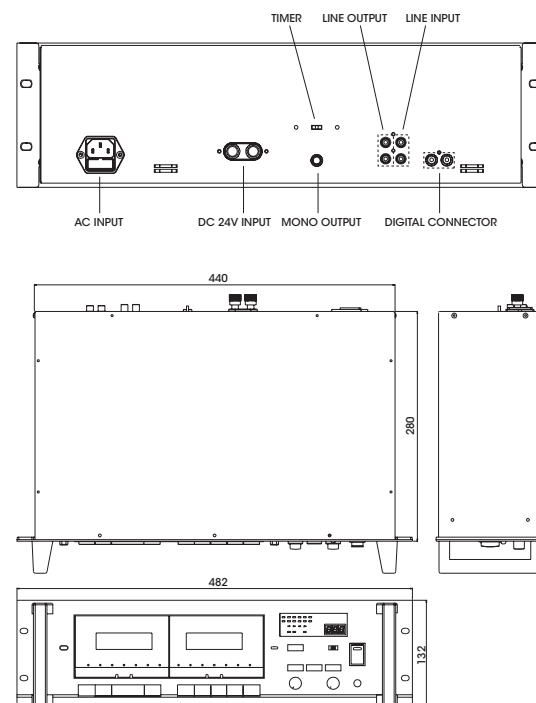
## Stereo Double Cassette Deck

# PC-6335

NEW

**Features**

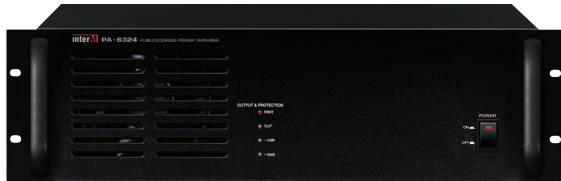
- Auto Reverse for Playback and recording
- Mute Skip Recording
- Remotely Controlled (Digilink)
- Selectable Mono or Stereo Recording
- Display the playing direction of tape (Deck. B)
- Selectable AC Power Input (110V/220V)
- Power Source : DC24V
- Weight : 5.8kg / 12.8lb
- Dimensions (WxHxD) : 482 x 132 x 280mm / 19 x 5.2 x 11in

**Dimensions**

Public Address Power Amplifier

PA-6312/6324/6336/6348

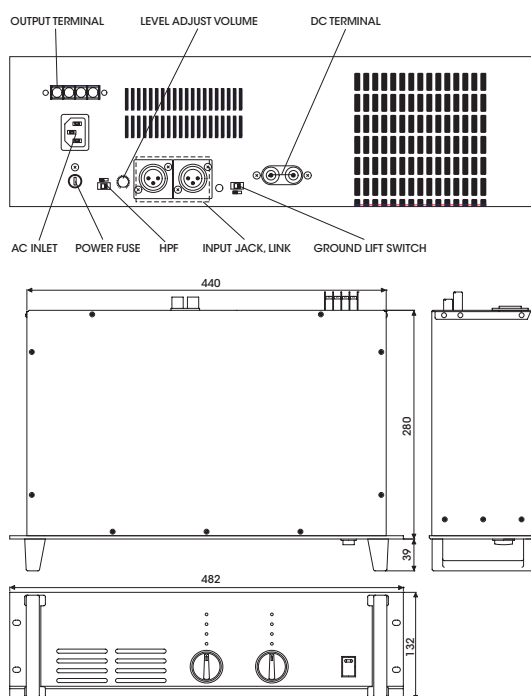
NEW



Features

- Low Distortion (over 95dB) , High Powered Circuit
- S/N : 95dB , THD : < 1%
- Output Power : PA-6312 - 120W RMS  
PA-6324 - 240W RMS. PA-6336 - 360W RMS  
PA-6348 - 480W RMS
- 400Hz High Pass Filter
- Adjustable input gain up to -12dB, Visible Output Level Display
- 3U size, Rack or Table Type available
- Protection : Thermistor on Power Transmitter Heat Sink
- Power Source : DC 24V
- Weight : PA-6312 : 14kg / 30.9lb  
PA-6324 / 6336 : 19kg / 41.9lb, PA-6348 : 22kg / 48.5lb
- Dimensions (WxHxD) : 482 x 132 x 280mm /  
19 x 5.2 x 11in

Dimensions



Power Distributor

PD-6311

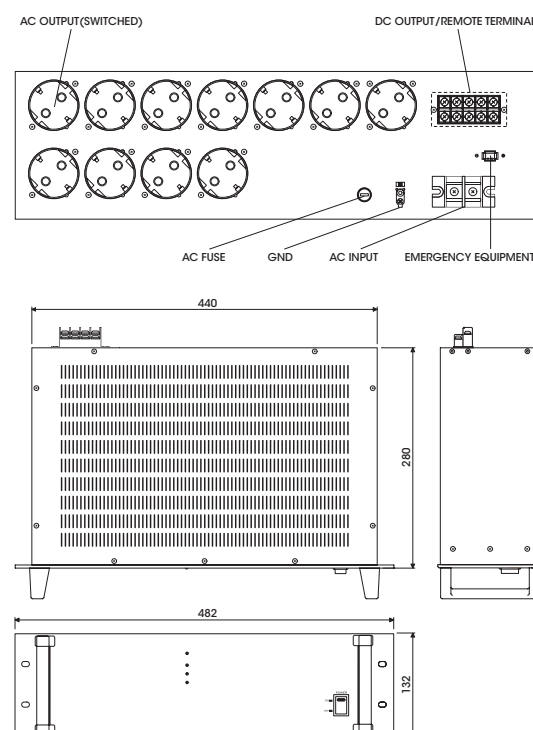
NEW



Features

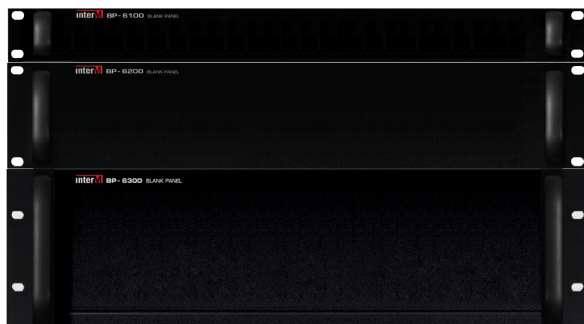
- enable to Control the power of rack system remotely
- Output Power Supply : 2000W x 3CH(Switched),  
700W x 1CH (Unswitched)
- internal fuse for Electric Current Restriction
- Designed for using the products powered by DC (DC24V)
- Power ON/OFF Control remotely when the system is OFF
- Power Source : DC 24V
- Weight : 6.4kg / 14.1lb
- Dimensions (WxHxD) : 482 x 132 x 280mm  
19 x 5.2 x 11in

Dimensions



## Blank Panels

# BP-6100/6200/6300

**NEW****Features**

- Suitable for covering the blank space in a Rack
- Heat Flow Space
- Dimension & Weight
  - BP-6100 : 482(W) x 44(H) x 28(D)mm /  
19 x 1.7 x 1.1in, 320g / 0.7lb
  - BP-6200 : 482(W) x 88(H) x 28(D)mm /  
19 x 3.5 x 1.1in, 540g / 1.2lb
  - BP-6300 : 482(W) x 132(H) x 28(D)mm /  
19 x 5.2 x 1.1in, 760g / 1.7lb

## Note

2CH / 8CH Audio Transmitter

# ITX-102/108

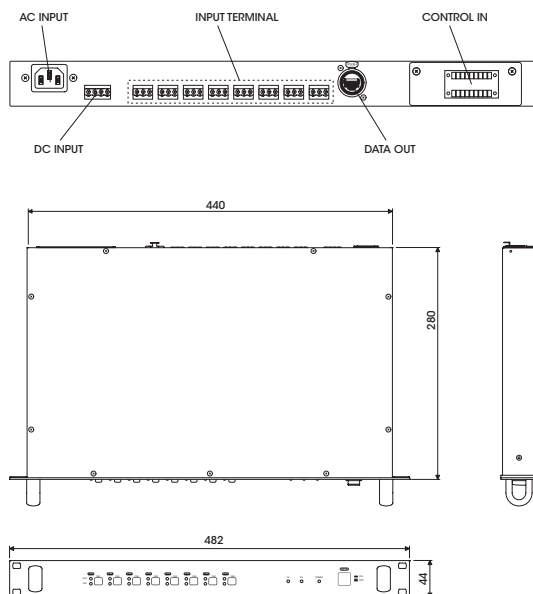
NEW



### Features

- ITX-102/108 : 2 CH / 8 CH Input
- Using UTP Cable (Max 150m)
- 24Bit, 48kHz High Quality Audio
- PAD Switch for controlling the Input Level
- 8 CH Contact & serial data (RS-232/422) with communication module
- 1U Size
- Power source : AC 220V 60Hz, DC 24V
- Power consumption : 20W
- Dimension & Weight :  
482(W) x 44(H) x 280(D)mm / 19 x 1.7 x 11in  
4.2kg / 9.3lb

### Dimensions



2CH / 8CH Audio Transmitter

# IRX-102/108

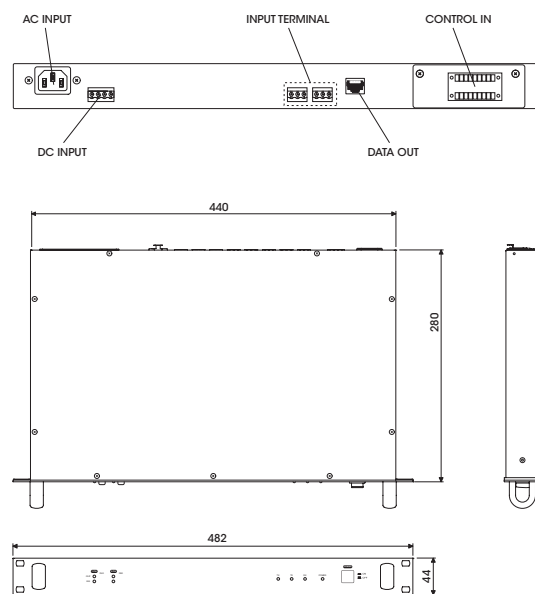
NEW



### Features

- IRX-102/108 : 2 CH / 8 CH Output
- Using UTP Cable (Max 150m)
- 24Bit, 48kHz High Quality Audio
- PAD Switch for controlling the Input Level
- 8 CH Contact & serial data (RS-232/422) with communication module
- 1U Size
- Power source : AC 220V 60Hz, DC 24V
- Power consumption : 20W
- Dimension & Weight :  
482(W) x 44(H) x 280(D)mm / 19 x 1.7 x 11in  
4.2kg / 9.3lb

### Dimensions



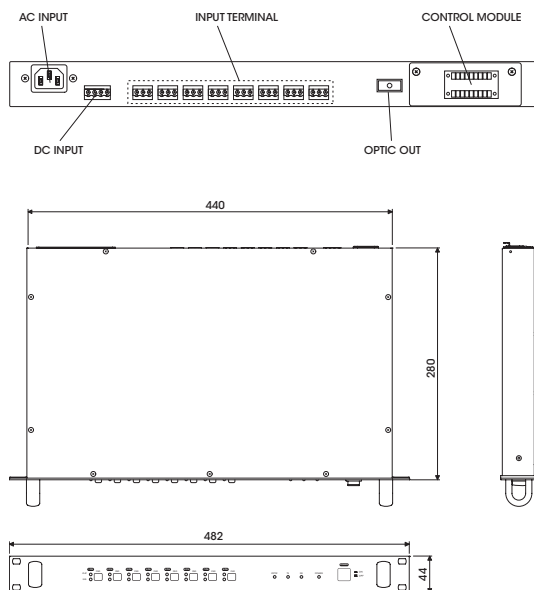
## 2CH / 8CH Audio Transmitter

**FTA/FRA-108S**

NEW

**Features**

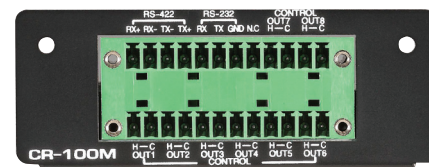
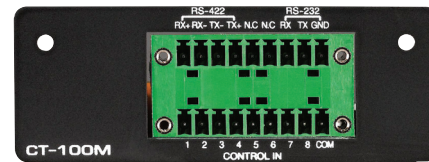
- FTA-108S : 8 CH Fiber Optic Transmission
- FRA-108S : 8 CH Fiber Optic Receiver
- 24Bit, 48kHz High Quality Audio
- PAD Switch for controlling the Input Level
- 8 CH Contact & Serial Data (RS-232/422) with communication Module
- Audio Transmission : Fiber Optic In/Out (Single Mode : MAX 15 km)
- Power source : AC 220V 60Hz, DC 24V
- Power consumption : 20W
- Dimension & Weight :  
482(W) x 44(H) x 280(D)mm / 19 x 1.7 x 11in  
4.2kg / 9.3lb

**Dimensions**

## Control Receiver Module

**CT/CR-100M**

NEW

**Features**

- Optional module for Control Signal Communication
- Multifunctional Control Signal Transfer (RS-232, RS-422 & Contact Point)
- Supporting Equipment  
CT-100M : FTA-108S, ITX-108, ITX-102  
CR-100M : FRA-108S, IRX-108, IRX-102
- Dimension & Weight :  
85(W) x 35(H) x 135(D)mm / 11.8 x 1.7 x 9in  
250g / 0.55lb



System Integration Controller

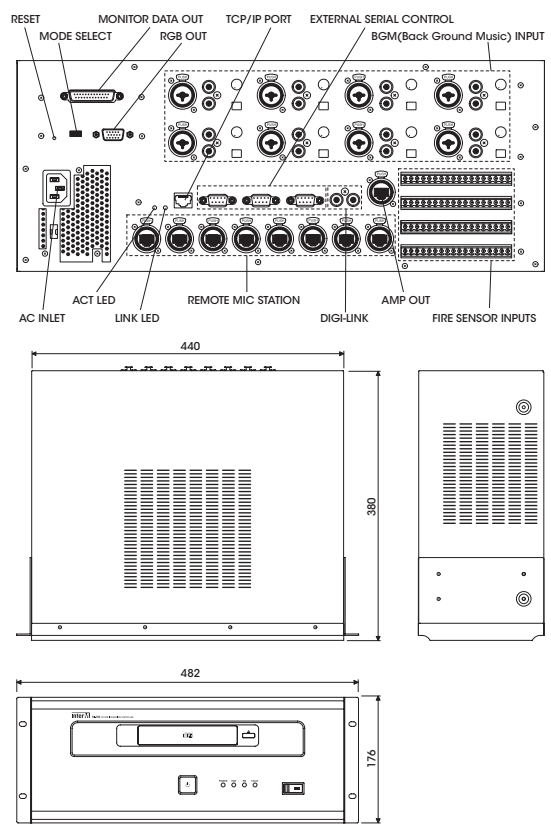
# SI-100



Features

- 8CH Aux(MIC/Line) Input, Combo Jack
- Interface for 8 x SR-100 Remote MIC Consoles, RJ 45
- USB Port built-in for external memory interface
- 16 x 4 Fire Sensor Contacts
- Audio output matrix function with 16CH volume input
- DIGI-link ports(2ea) and RS-232C(3ea) communication port volumes for the external source equipment control
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz, (supplied AC mains transformer depends on country requirements)
- Power Consumption : 68W
- Weight : 11kg / 24.2lb
- Dimensions (WxHxD) : 482x176x380mm / 19x6.9x15in

Dimensions

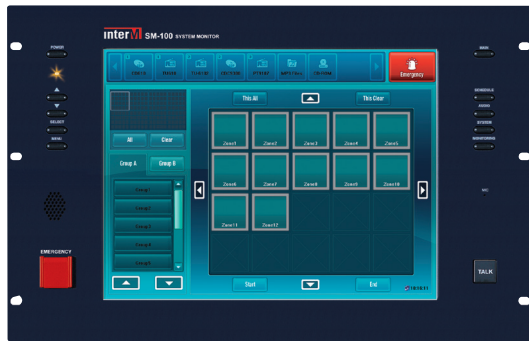




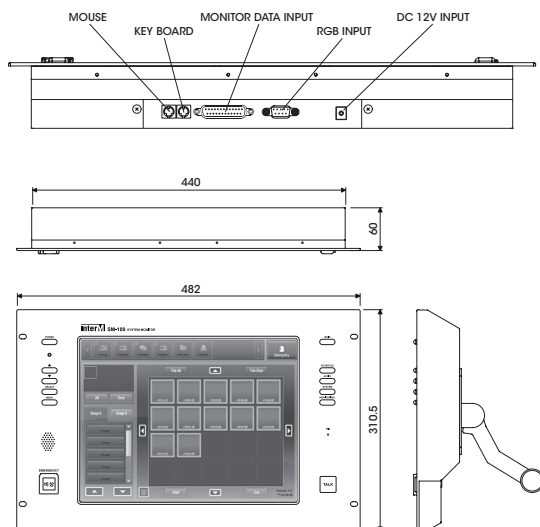
## System Monitor

# SM-100

NEW

ROHS COMPLIANT  CE**Features**

- 15" LCD Monitor panel and Touch Screen Controller
- Built-in EM Microphone
- Built-in Monitoring speaker
- Programmable UI Graphics
- Power Source : DC 12V, 3.5A
- Power Consumption : 42W
- Weight : 6.5kg / 14.3lb
- Dimensions (WxHxD) : 482x310.5x60mm / 19x12.4x2.4in

**Dimensions**

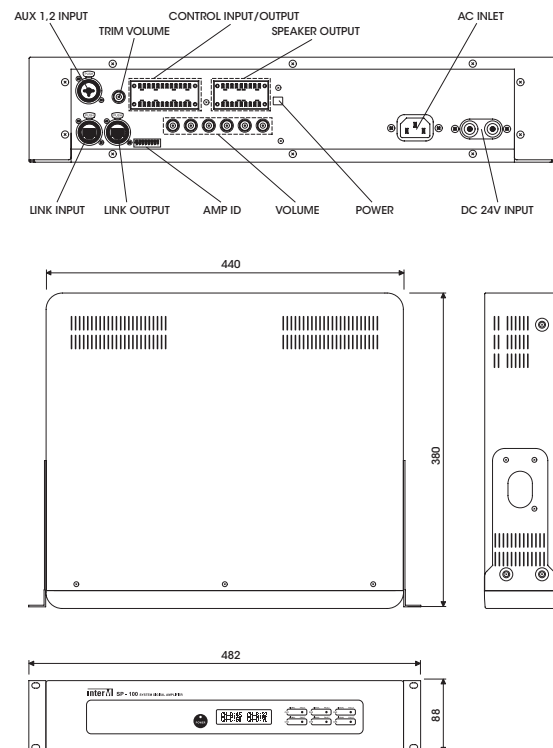
## System Digital Amplifier

# SP-100

NEW

ROHS COMPLIANT  CE**Features**

- 6CH 60W Digital Amplifier
- Light weight
- 6 BUS broadcasting function with a UTP (Category 5) cable
- Ch Volume control and 6 Band EQ tuning function
- Auto / Manual AMP ID Detection
- Self-Broadcasting function using a local input
- Interface function with other equipment using a Control Input/Output contact
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 95W
- Weight : 13kg / 28.6lb
- Dimensions (WxHxD) : 482x88x380mm / 19x3.5x15in

**Dimensions**

Remote MIC Station/12 Key MIC Station Keypad

# SR-100/100KP

NEW

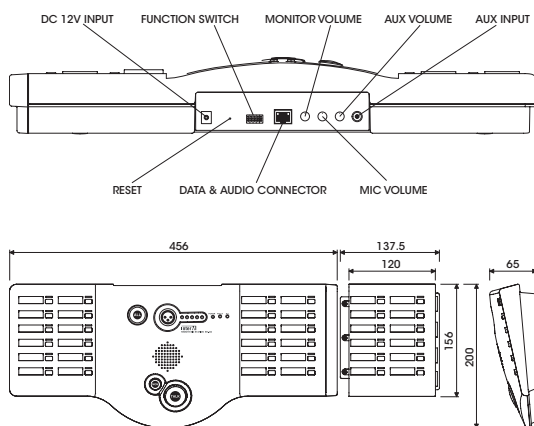
RoHS COMPLIANT CE



Features

- MIC/AUX/Speaker volume adjustable
- Simple interface connection by UTP(Category 5)
- One-Touch broadcasting function using a [TALK] button
- Speaker volume for monitoring zone broadcasting
- Broadcasting zone expansion using by SR-100KP
- Power Source : DC 12V
- Power Consumption : 7W
- Weight : 1.1kg / 2.4lb
- Dimensions (WxHxD) : 456x200x65mm / 18x7.9x2.6in

Dimensions



Pre Amplifier

# PP-100

NEW

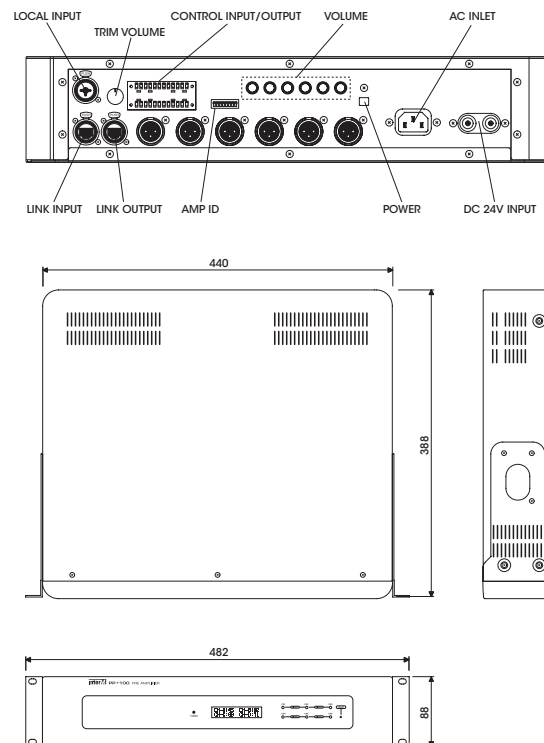
RoHS COMPLIANT CE



Features

- 6 CH pre-amplifier
- 6 BUS broadcasting function with a UTP(Category 5) cable
- Remote control through Ethernet
- Self-Broadcasting function using a local input
- Interface function with other equipment using a Control Input / Output contact
- Volume tuning function by channel
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz, 24VDC (supplied AC mains transformer depends on country requirements)
- Power Consumption : 15W
- Weight : 6.5kg / 14.33lb
- Dimensions (WxHxD) : 482x88x388mm / 19x3.5x15in

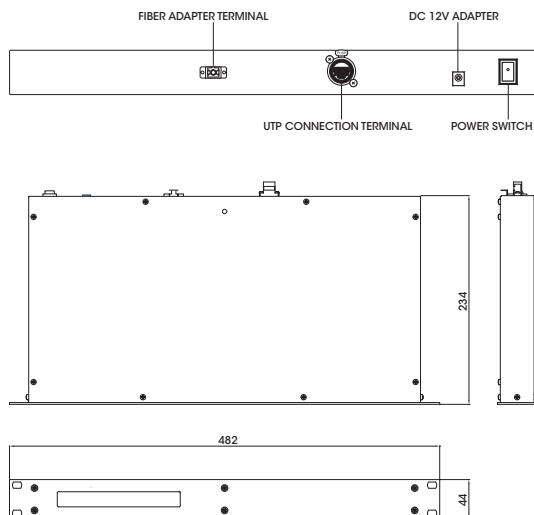
Dimensions



## Multi Mode Fiber Optic Transmitter / Receiver

**FT/FR-100M(S)****NEW**ROHS COMPLIANT  CE**Features**

- Full-duplex transmission by 1 Core Fiber cable
- Transmit Audio 8Ch and control signal at the same time. 6Ch transmission available in SI-100, SA-300
- Communication status monitoring by front LED display
- Weight : 2.3kg / 5lb
- Dimensions (WxHxD) : 482x44x234mm / 19x1.7x9.2in

**Dimensions****Note**



HD Video Streamer

CV-400

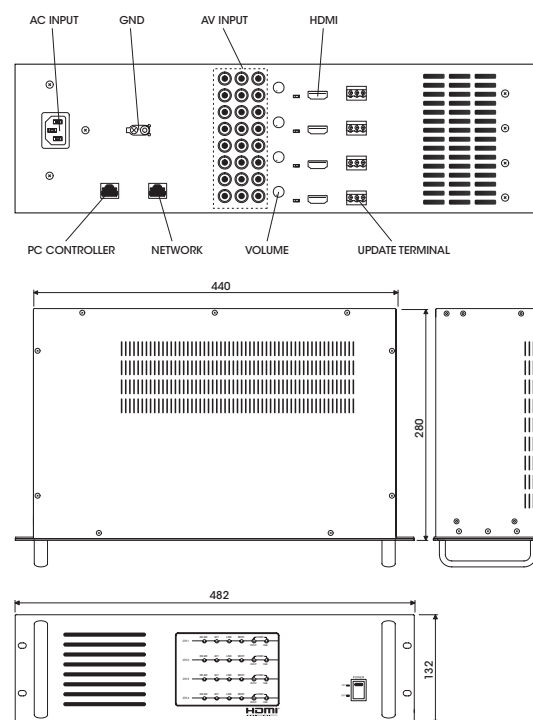
NEW



Features

- Digital data transmitting for protecting from the loss of signal
- Analog HD Video (1080i) input -Y, Pb, Pr
- broadcasting a Full HD (1080i) through ethernet networking
- easy installation with CAT5E/CAT6
- multiple set-top boxes can be used with each channel (Multi-cast)
- Weight : 6kg / 13.2lb
- Dimensions (WxHxD) : 482 x 132 x 280mm / 19 x 5.2 x 11in

Dimensions



## HD Video Audio Matrix Switcher

**HDMS-0808**

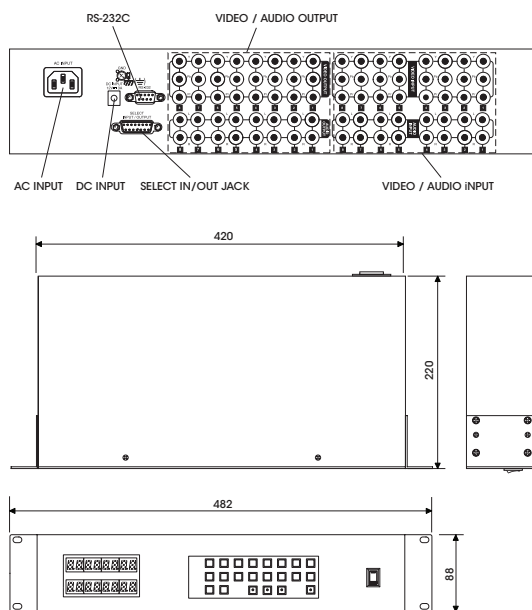
NEW



## Features

- 8 x 8 A/V MATRIX SWITCHER for [HD] A/V source
- PC control by RS-232
- Simple same time output & DISCONNECTON function
- AUDIO/VIDEO individual or same time CONTROL function
- Low CROSSTALK and Double-width frequency response feature
- Parallel connection (2 units available)
- Although power is off, Blackout Compensation function available to return previous operation status before blackout
- KEY LOCK function to protect front button malfunctioning
- TALLY LAMP control for broadcasting equipment
- Weight : 5kg / 11lb
- Dimensions (WxHxD) : 482 x 88 x 220mm / 19 x 3.5 x 8.7in

## Dimensions



## HD Video Streamer

**VHD-300/VSD-300**

NEW



## Features

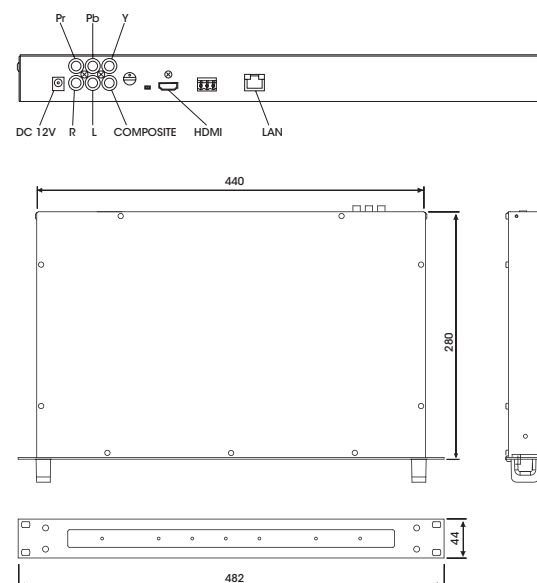
**1.VHD-300**

- Full-HD Via Network (NTSC / PAL)
- H.264 Video Compression
- 48Khz Audio Quality
- 1U Compact Size
- HDMI & Component Input
- Latency Under 1sec
- Text Overlay
- Weight : 3kg / 6.6lb
- Dimensions (WxHxD) : 482x44x280mm / 19x1.7x11in

**2.VSD-300**

- Full-HD Via Network
- H.264 Video Compression
- 48Khz Audio Quality
- 1U Compact Size
- CVBS & Component Input
- Latency Under 500ms
- Text Overlay
- Weight : 2.9kg / 6.4lb
- Dimensions (WxHxD) : 482x44x280mm / 19x1.7x11in

## Dimensions



Set-top Box

# SB-300

NEW

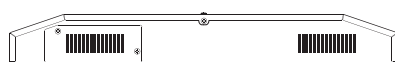
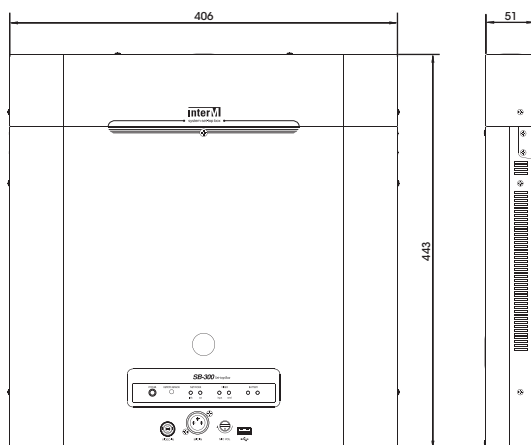
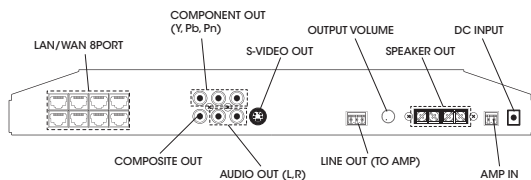
ROHS COMPLIANT



### Features

- Embedded LINUX based stand-alone system
- Built-in video server function for upward broadcasting service
- Built-in 30W amplifier (left:15W, right:15W)
- Built-in Gigabit switching hub(8port)
- Accessory : Remote controller (channel, volume control)
- Emergency power backup by battery
- Power Source : DC 14V~15V, 4.5A  
(Adapter : 100~120VAC or 220~240VAC ; 50/60Hz)
- Power Consumption : 40W
- Weight : 4.5kg / 10lb
- Dimensions (WxHxD) : 406 x 443 x 51mm / 16 x 17.4 x 2in

### Dimensions



Set-top Box

# SB-300HD

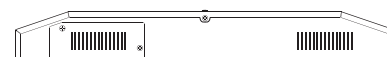
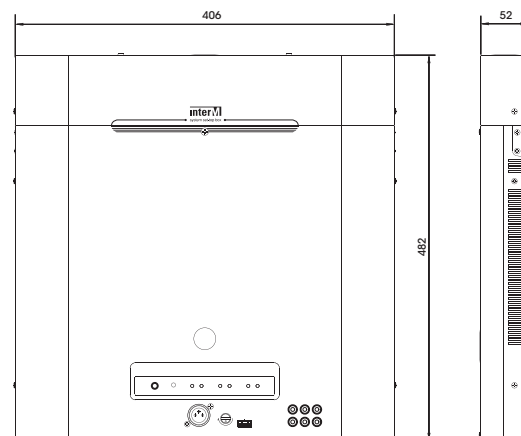
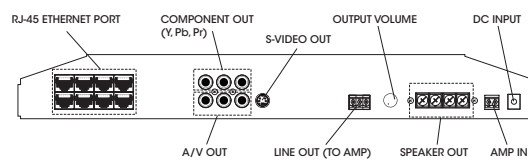
NEW



### Features

- Built-In 30W Amplifier (Left : 15W, Right : 15W)
- Built-In 1 GB Switching Hub
- internal 8 ports of LAN switching hub (100/1000Mbps)
- Full HD (1080i) / SD(480P,480i) A/V decoder
- Mic Input and volume control
- internal FULL-HD(1080i) A/V encode
- external USB port for using a video and sound sources
- Weight : 5.8kg / 12.8lb
- Dimensions (WxHxD) : 406 x 482 x 52mm / 16 x 19 x 2in

### Dimensions



## Set-top Box

**SB-304HD**

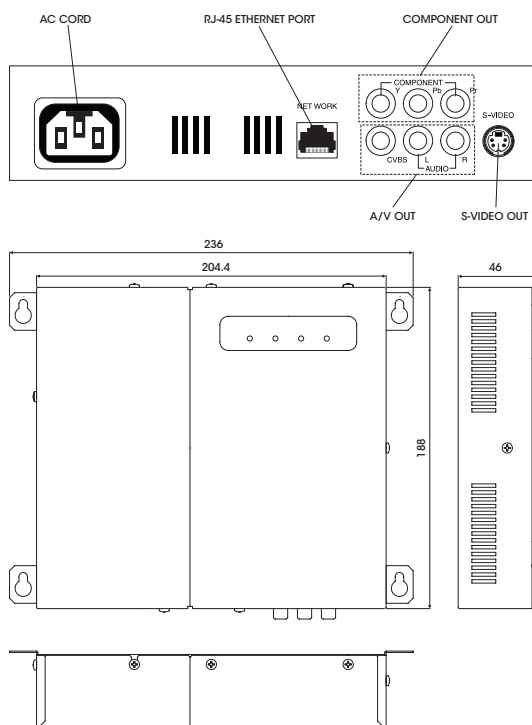
NEW



## Features

- FULL HD(1080i) / SD(480P, 480i) A/V Decoder
- Built - in Network port (100Mbps)
- Weight : 1.01kg
- Dimensions (WxHxD) : 236 x 188 x 46mm

## Dimensions



## School Media System

**S-MEDIA**

NEW



## Features

- A/V Operation & Management Software
- Control VHD / VSD-300, SB-300, SB-300HD, SB-304HD
- Control HDMS/VAMS-0808 (RS-232C Port)
- Preset Function
- Remote Control by Ethernet

# 500 SERIES RACK SYSTEM



## Main System Controller

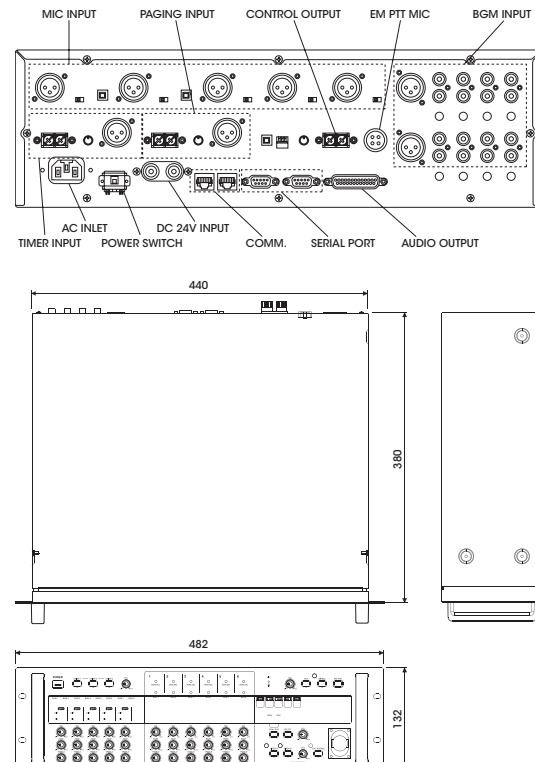
# C-500



### Features

- 8 BGM Input / 6 BUS Output Matrix
- 5 MIC input
- Built-in Monitoring speaker
- Clear LED Status Indicators
- Priority Broadcasting Options (EM->Fire->Timer->Paging->RM 1-4->BGM->LOCAL)
- Remote Operation Control Via RS 232C
- Built-in EM Microphone
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz, DC 24V(supplied AC mains transformer depends on country requirements)
- Power Consumption : 22W
- Weight : 3.8kg / 9.3lb
- Dimensions (WxHxD) : 482x132x380mm / 19x5.2x15in

### Dimensions



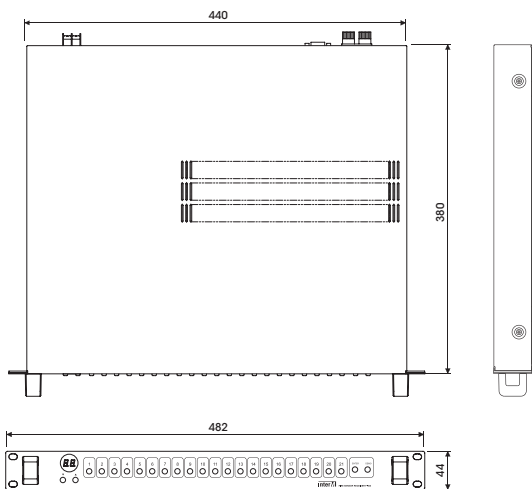
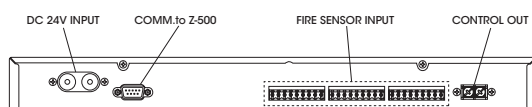


## Fire Sensor Receiver

# F-500

**Features**

- DC 24 Volt Power Source
- Alarm status Display Function
- Macro Save Function
- DEMO Function
- Fire Alarm Display
- Safety Design for Preventing Malfunction
- Emergency Contact Terminal for Emergency Link
- Broadcasting Zone Link Function
- Store Information Protective Function
- Power Source : DC 24V
- Weight : 2kg /4.4lb
- Dimensions (WxHxD) : 482x44x380mm / 19x1.73x15in

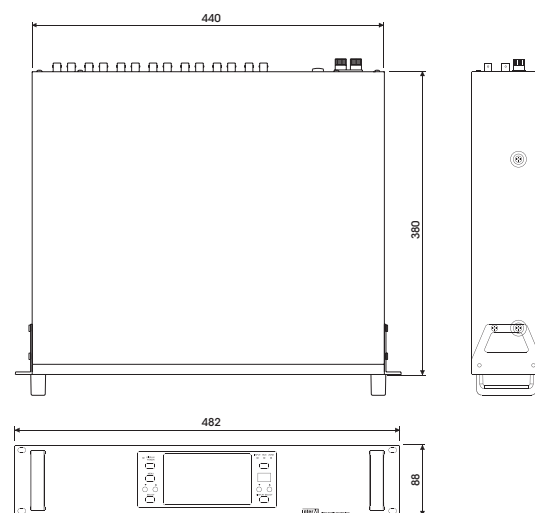
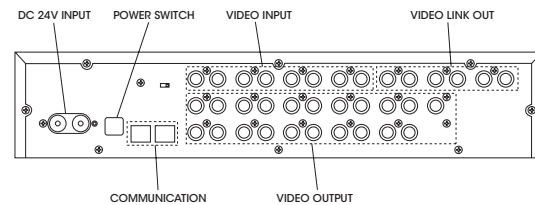
**Dimensions**

## Video Matrix System

# V-500

**Features**

- 8 Input 6 BUS 21 Out Channel Video Matrix Switch
- 6 BUS Video Link Output
- 21 Zone Video Output
- RS-422C port : Select C-500 BUS Output
- RS-232C port : Select Z-500 Video Output
- Power Source : DC 24V
- Weight : 3kg / 6.6lb
- Dimensions (WxHxD) : 482x88x380mm / 19x3.5x15in

**Dimensions**

Zone Output Selector

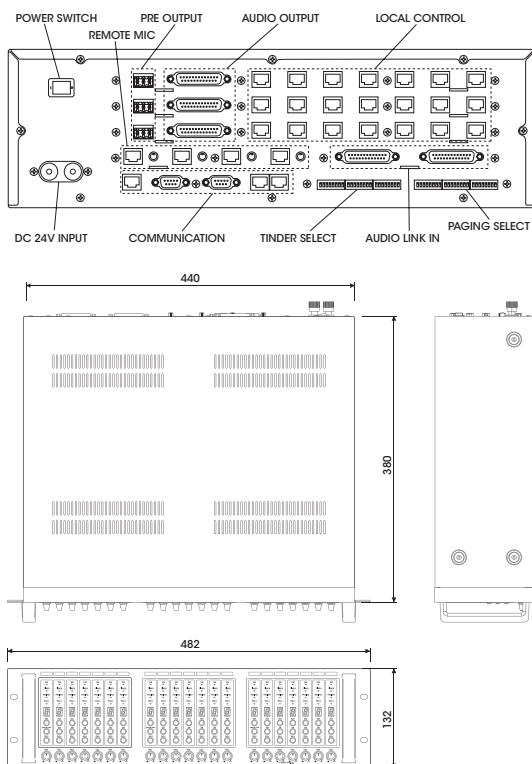
# Z-500



Features

- 6 Input 21 Output Matrix
- Allocate BGM Source to Output Zone
- Clear LED Visual Display Shows Destination Status of Each Area/Zone
- Interface for Remote Zone Controllers L-500(21 Zones)
- Interface for Remote Paging Microphones RM-500 (4 No.)
- Interface for Video Matrix V-500
- Adoption of RS-422 / RS-232 communication method supporting long distance
- Convenient connection with 7CH power AMP with adoption of output terminal
- Power Source : DC 24V
- Weight : 4.3kg / 9.5lb
- Dimensions (WxHxD) : 482x132x380mm / 19x3.5x15in

Dimensions



Modular Digital Amplifier

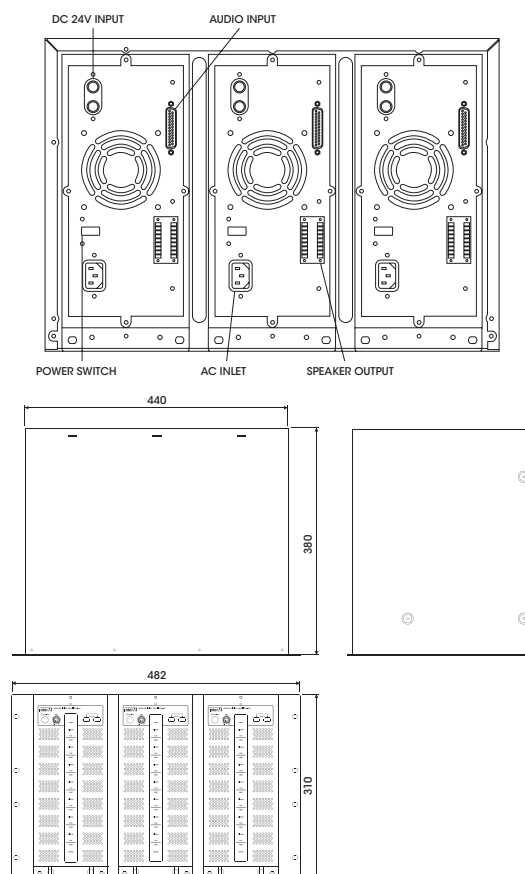
# A-500



Features

- Digital Amplifier Block
- 7 x 30W (70V/100V, High Impedance)
- 1 x Spare Amplifier Channel
- Channel Monitor Output
- Signal & Status LED Indicators
- Comprehensive Protection Circuits
- Adoption of stable SMPS (switching mode power supply)
- Operation of DC 24V battery power during emergency
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz, DC 24V (supplied AC mains transformer depends on country requirements)
- Power Consumption : 70W
- Weight : 8.5kg / 18.7lb (Module)
- Dimensions (WxHxD) : 482x310x380mm / 19x12.2x15in

Dimensions



## Local Control with Audio In

# L-500

**Features**

- Remote Control of Zone Volume and Selection of BGM Source
- Independent Local MIC and BGM Inputs
- Source Designation
- Convenient Installation without ID Setting (Auto Addressing)
- RS-422 Communication between L-500 and Z-500
- Weight : 1.6kg / 3.5lb
- Dimensions (WxHxD) : 70x114x60mm / 2.8x4.5x2.4in

## Remote MIC Station

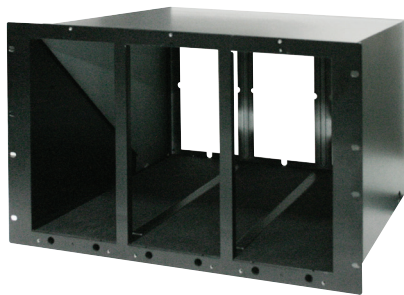
# RM-500

**Features**

- Convenient Priority Broadcasting
- Convenient Installation and Construction without ID Setting
- RS-422 Communication between RM-500 and Z-500
- 21 Zone Paging Selection
- Output Signal Level Display
- Multi Chime Options
- Weight : 1.6kg / 3.5lb
- Dimensions (WxHxD) : 200x206x70mm / 7.9x8.1x2.8in

## A-500 Rack Cabinet

# MB-500

**Features**

- 19" Enclosure to Accommodate 3 x A-500 Power Amplifier Blocks

Audio Matrix Controller

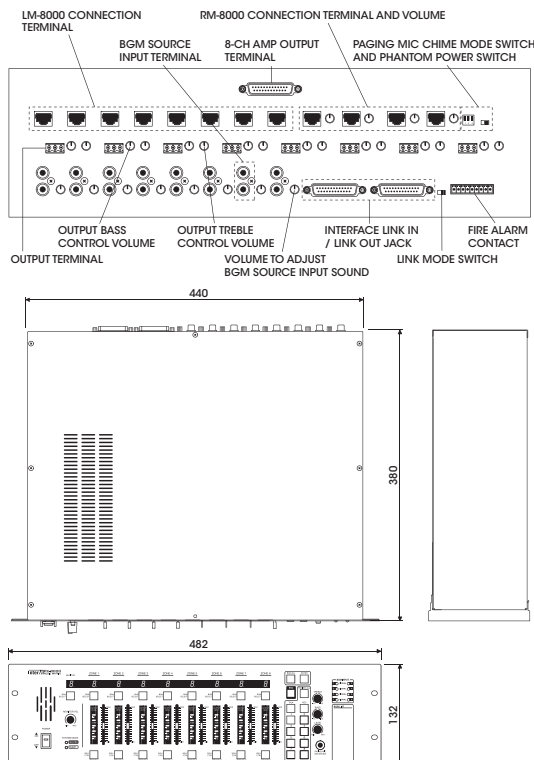
# PX-8000



Features

- New concept of audio matrix system for public addressing and emergency broadcasting
- Expansion of output zones using additional main units. (8X8^N matrix, N is # of PX-8000)
- Convenient priority broadcasting
- BGM monitoring speaker
- Various audio input (BGM, Remote MIC Station, Local audio source, Paging MIC)
- Convenient installation with AUTO ID function
- Voice recording and automatic playback in link with fire alarm contact
- RS-422 communication method
- Selective chime broadcasting (PRE/POST Announcement)
- Capable of adjusting individual tone (bass/treble)
- Adoption of input and output level display
- Power Source : 100-120VAC or 220-240VAC ; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 60W
- Weight : 7.5kg / 16lb
- Dimensions (WxHxD) : 482 x 132 x 380mm / 19 x 5.2 x 15in

Dimensions



Remote MIC Station

# RM-8000



Features

- Convenient installation with AUTO ID function
- Selection of various chime broadcasting for MIC (PRE/POST)
- Priority broadcasting options (RM1>RM2>RM3>RM4)
- Output audio level meter
- Internal monitor speaker
- RS-422 Communication for long distance
- Power Source : DC 24V, 300mA (Supplied from PX-8000)
- Weight : 1.5kg / 3.2lb
- Dimensions (WxHxD) : 200 x 70 x 206mm / 7.9 x 2.8 x 8.1in

## Remote Control with Audio In

# LM-8000

**Features**

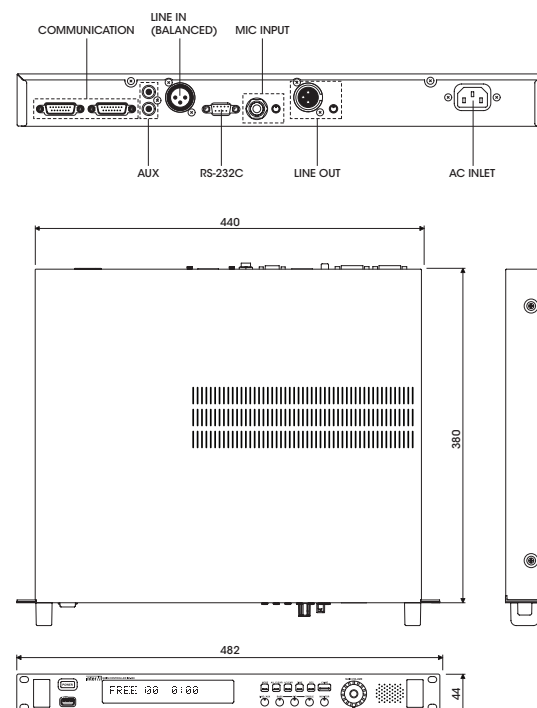
- For use with PX-8000
- Convenient installation without ID setting
- Remote volume control and selection of BGM
- Independent local MIC and BGM broadcasting
- Flush-Mounts in a single-gang electrical box
- RS-422 Communication for long distance
- Power Source : DC 24V, 50mA  
(Supplied from PX-8000)
- Weight : 130g / 0.28lb
- Dimensions (WxHxD) : 70x114x52mm / 2.8x4.5x2in

## Main Controller Amplifier

# IM-300

**Features**

- Dot MATRIX designed VFD Display
- USB Recording (Using USB Memory stick, MP3 file)
- High fidelity 60W mono channel amplifier
- Built-in monitor speaker with control volume
- Tone Control (Bass/ Mid/ Treble)
- Extra Microphone Jack with Volume
- AUX input, AUX out, LINE input, LINE out
- Connecting : 30 Mic unit
- Expansion capability with IMS-300 (Sub amplifier)
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz  
(supplied AC mains transformer depends on country requirements)
- Weight : 5.8kg / 12.78lb
- Dimensions (WxHxD) : 482 x 44 x 380 mm /  
19 x 1.75 x 15in

**Dimensions**

Chairman Mic Unit

# IMC-300



**Features**

- Gooseneck Microphone with LED ring
- Built-in monitor speaker
- Speaker level adjustable by volume controller
- Earphone jack output
- LCD display
- IM-300/IMD-300 Control
- Weight : 1.9kg / 4.2lb
- Dimensions (WxHxD) : 129 x 78 x 208 mm / 5.1 x 3.1 x 8.2in

Delegate Mic Unit

# IMD-300

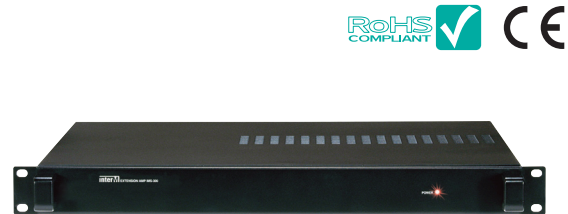


**Features**

- Gooseneck Microphone with LED ring
- Built-in monitor speaker
- Speaker level adjustable by volume controller
- Earphone jack output
- LCD display  
(Reservation, Waiting order, Speaking Time limitation)
- Weight : 1.8kg / 4lb
- Dimensions (WxHxD) : 129 x 78 x 208 mm / 5.1 x 3.1 x 8.2in

Extension Amplifier

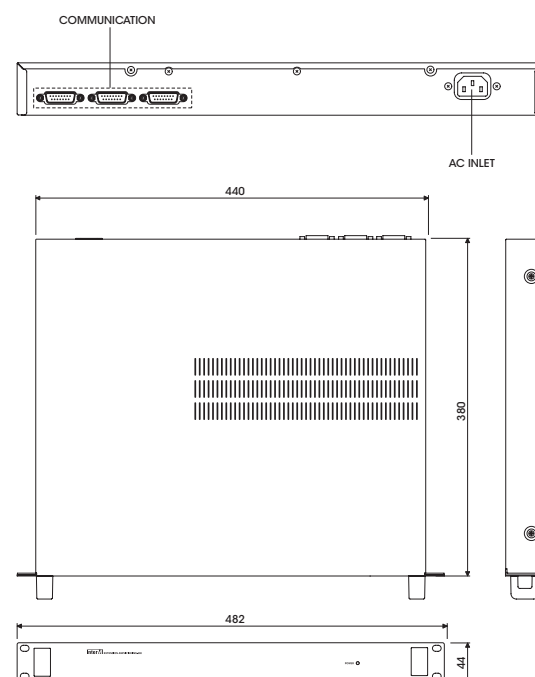
# IMS-300



**Features**

- High fidelity 60W mono channel amplifier for extension
- Connecting : 30 Mic unit
- Extension by D-Sub terminal
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Weight : 5.5kg / 12lb
- Dimensions (WxHxD) : 482 x 44 x 380 mm / 19 x 1.75 x 15in

**Dimensions**



**interM** PAM-480A PUBLIC ADDRESS AMPLIFIER



CHANNEL 1 CHANNEL 2 CHANNEL 3 CHANNEL 4



# / SOUND SOURCE

Commercial Audio Products

1CD Player

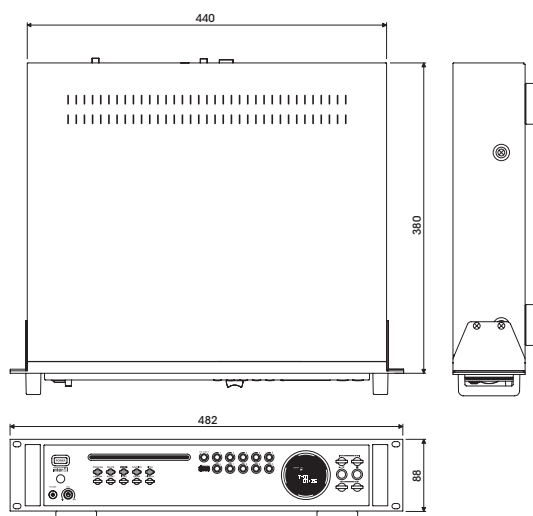
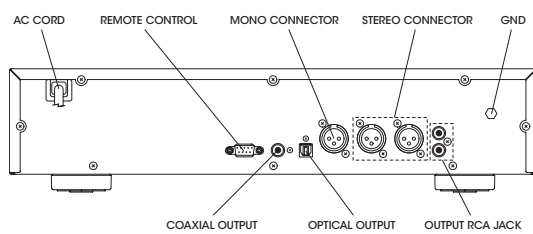
# CD-610



**Features**

- 1CD Player (CD-DA / CD-R / CD-RW / MP3 / WMA)
- Slot-in type reliable mechanism (Anti-Shock System)
- Dot MATRIX design VFD display
- Analog Output : Stereo(XLR, RCA) / Mono(XLR) / Headphone
- Digital Output : Tos link / RCA (SPDIF)
- IR Remote Control
- Quantization : 24bit
- Sampling Frequency : 44.1KHz
- Power Source : 100~120VAC or 220~240VAC, 50/60Hz, 24VDC
- Power Consumption : 18W(standby : Less than 1W)
- Weight : 5.8kg / 12.8lb
- Dimensions (WxHxD) : 482x88x380mm / 19x3.5x15in

**Dimensions**



CD / MP3 / WMA Player with Pitch Control

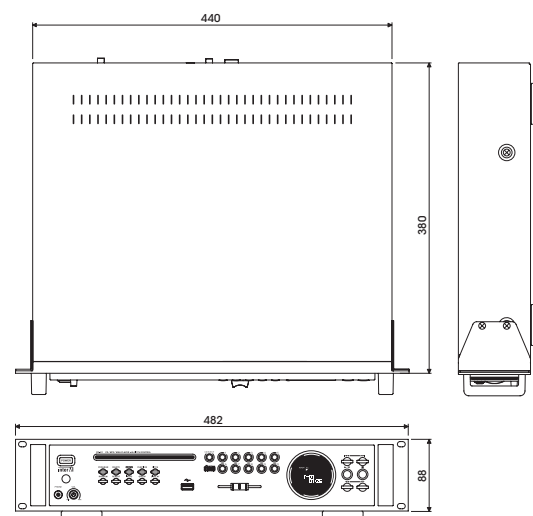
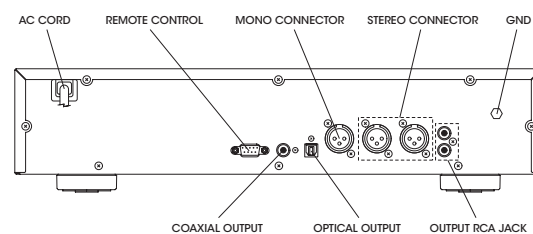
# CD-611



**Features**

- 1CD Player (CD-DA / CD-R / CD-RW / MP3 / WMA)
- Slot-in type reliable mechanism (Anti-Shock System)
- CD Copy (Extend Life-time of CD Mechanism)
- USB interface (USB host)
- Variable pitch control
- Dot MATRIX design VFD display
- Analog Output : Stereo(XLR, RCA) / Mono(XLR) / Headphone
- Digital Output : Tos link / RCA (SPDIF)
- IR Remote Control
- Quantization : 24bit
- Sampling Frequency : 44.1KHz
- Power Source : 100~120VAC or 220~240VAC, 50/60Hz, 24VDC
- Power Consumption : 18W(standby : Less than 1W)
- Weight : 5.6kg / 12.4lb
- Dimensions (WxHxD) : 482x88x380mm / 19x3.5x15in

**Dimensions**



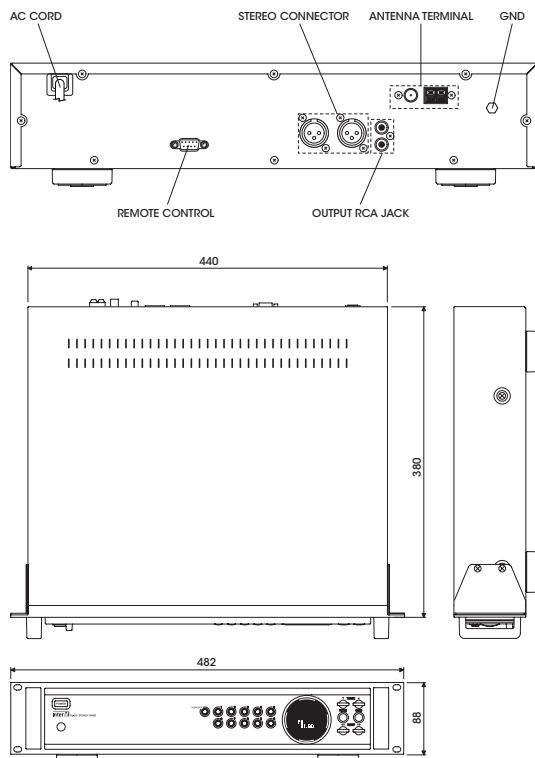


## Stereo Tuner

# TU-610

ROHS  
COMPLIANT**Features**

- FM / AM Stereo Tuner
- Dot MATRIX design VFD display
- Station Memory (FM / AM) : 40 Channels
- XLR (MONO / STEREO) & RCA Analog output
- IR Remote Control
- Quantization : 24bit
- Power Source : 100~120VAC or 220~240VAC, 50/60Hz, (supplied AC mains transformer depends on country requirements)
- Power Consumption : 10W
- Weight : 5.2kg / 11.5lb
- Dimensions (WxHxD) : 482x88x380mm / 19x3.5x15in

**Dimensions**

## CD MP3, Tuner Module

# PAM-MPM4

ROHS  
COMPLIANT**Features**

- PAM series Module
- CD/USB/DRP  
(Digital Record and Playback : SD Memory)
- CD+USB, DRP (SD Memory) portable FM TUNER
- CD Long-Life Function
- CD COPY function (CD => USB or DRP)
- USB Hosting Function (USB <=> DRP)
- FM 30 Memories

## Pam Wireless Receiver

**PAM-WM**

NEW

**Features**

- The Wireless Mic Module for PAM Series
- Diversity Technology Application
- Tone, Mute Circuit for Minimizing the Interference
- Key Lock Function
- Power Source : AC 220V 60Hz
- PAM-WHT(Hand mic), PAM-WBT(Belt mic)
- Usable Frequency : UHF 620~950MHz  
(Dependent on Applicable Country Regulations)
- Frequency Response : 50Hz ~ 18kHz ( $\pm 3$ dB)
- Receiving Sensitivity : +12dBuV for 80dB S/N typ
- S/N : 80dB
- Image Rejection : + 70dB
- T.H.D : < 0.5% (40kHz DEV @ 1kHz)
- De-emphasis : 25uS
- Dimention : 185(W) x 55(H) x 125(D)mm /  
7.3 x 2.2 x 4.9 in
- Weight : 248g / 0.5lb
- ACT Function : Eliminating the Interference Between  
the Receiver and Mic

## Handheld/Beltpack Transmitter

**PAM-WHT/WBT**

NEW



PAM-WHT

PAM-WBT

**Features**

- Robust and durable plastic housing
- LCD display shows group, channel, battery status  
and error code
- ACT function should facilitate the selected receiver  
frequency into the transmitter automatically  
and rapidly
- Extremely low handling noise
- High fidelity, dynamic range, fast transient responses,  
low feedback characteristics
- High SPL inputs avoid distortion.
- High efficiency circuitry and sophisticated PCB design  
with extended battery hours

Spec	PAM-WHT/WBT
Frequency Range	UHF 620~950MHz (dependent on applicable country regulations)
Oscillation Mode	PLL Synthesized
RF Power	10~30mW (or dependent on applicable country regulations)
Spurious Emissions	<-55dBc
Max Deviation	$\pm 68$ KHz with compandor and level limiting
Battery	AAx2 (alkaline)
Temperature Characteristic	-10°C ~ 50°C
Dimensions	<b>PAM- WHT</b> 50( $\varnothing$ ) x 260(L)mm / 2.0 x 10.2in
	<b>PAM- WBT</b> 63(W) x 105(H) x 21(D)mm / 2.5 x 4.1 x 0.8in
Weight	<b>PAM- WHT</b> 220g / 0.49lb
	<b>PAM- WBT</b> 95g / 0.2lb



# /PA COMBINATION PRODUCT

Commercial Audio Products

Digital 2BUS Public Address Combination System

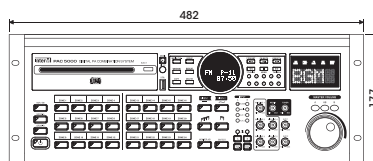
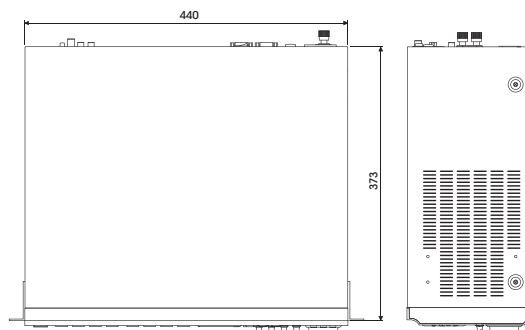
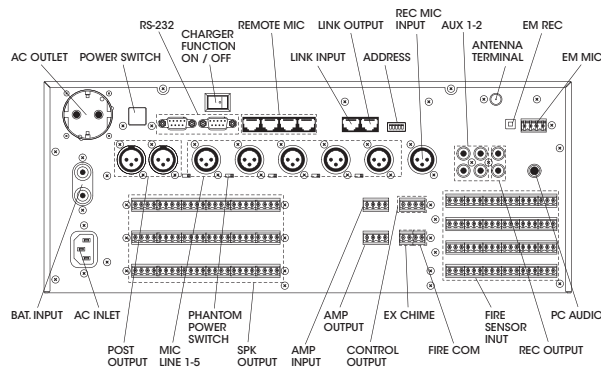
# PAC-5000



## Features

- Output Power : 120W+120W(RMS) @<1% THD
- Integrated Digital PA Combination system (All in one System)
- Simultaneous 2 Group Different Broadcasting
- Digital Processing & Digital Amplifier
- 24 Zone Selector, 2 Group (High impedance)
- Input Select : MIC(1~5), Tuner, Media(CD/DRP/USB), AUX(1,2)
- Remote control through RS-232 (PC)
- Built-In Various Sound Sources (CD-DA, CD-R, CD-RW, MP3 Play, WMA, FM Tuner, USB, DRP)
- Slot-In Type Reliable CD mechanism (Anti-Shock System)
- CD Copy (Extend Life-time of CD Mechanism) to built-in flash memory
- USB interface (USB host)
- LINK-IN/OUT for system extension (Max. 4 system)
- Remote port for remote mic station (up to 4 channel: SR-100/100KP)
- EQ Control (3 Band, at PC Program)
- Chime (1,2) & Siren (1,2)
- Built-in speaker for convenient monitoring
- Built-in Mic. for emergency broadcasting
- EM Message Play / Record on Flash Memory
- Fire Contact / Fire Data (24 Contact port)
- Battery charger built in
- Power Source : SMPS (100~120VAC or 220~240VAC; 50/60Hz, 24VDC)
- Power Consumption : 750W (AC OUTLET + Power Consumption)
- Weight : 16kg / 35.3lb
- Dimensions (WxHxD) : 482x177x373mm / 19x6.9x14.7in

## Dimensions



## Digital PA System

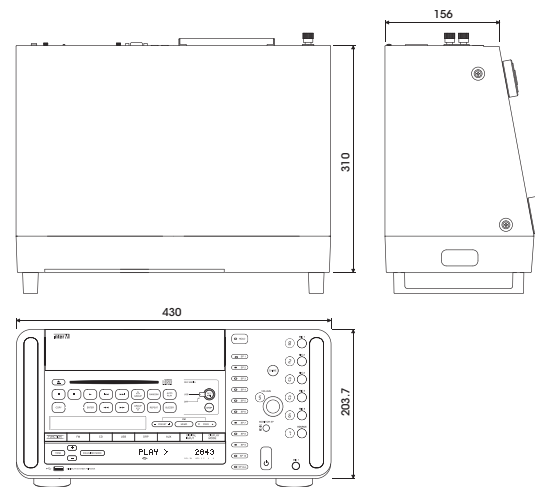
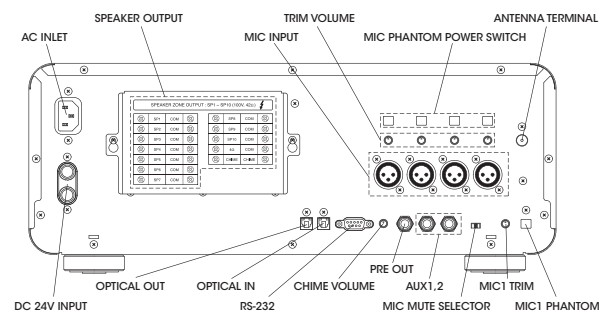
## PSI-5120A/5240A



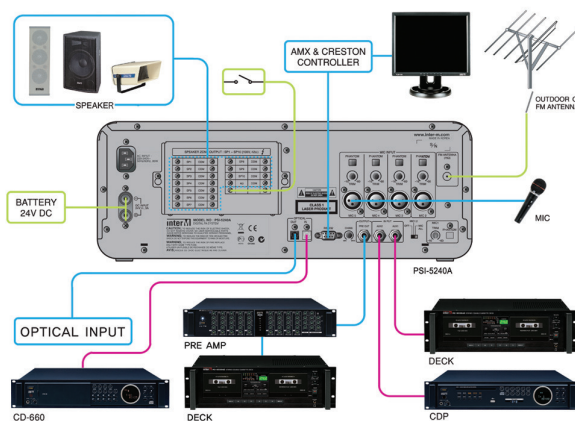
## Features

- Output Power : PSI-5120A : 120W(RMS) @<1% THD  
PSI-5240A : 240W(RMS) @<1% THD
- Splendid Design
- DOT MATRIX Design VFD Display
- Digital Processing & Digital Amplifier
- 10 Zone Selector (High impedance)
- Input Select : MIC(1~5), Tuner, 1CD, USB, DRP, AUX(1 or 2), Digital Input
- Built-In Various Sound Sources (FM Tuner, CD, USB, DRP)
- CD Play back (CD-DA, CD-R, CD-RW, MP3, WMA)
- Reliable CD Mechanism (Anti-Shock System)
- CD Copy (Extend Life-Time of CD mechanism to built-in flash memory)
- USB Host (Recording / Play)
- EQ Control (5 Band)
- Chime (2 Tone)
- Built-in speaker for convenient monitoring
- Power Source : SMPS  
(100~120VAC or 220~240VAC; 50/60Hz, 24VDC)
- Power Consumption : 80W (1/8 power)
- Weight : 13kg / 28.7lb
- Dimensions (WxHxD) : 430x203.7x310mm / 17x8x12.3in

## Dimensions



## Connection



Public Address Amplifier

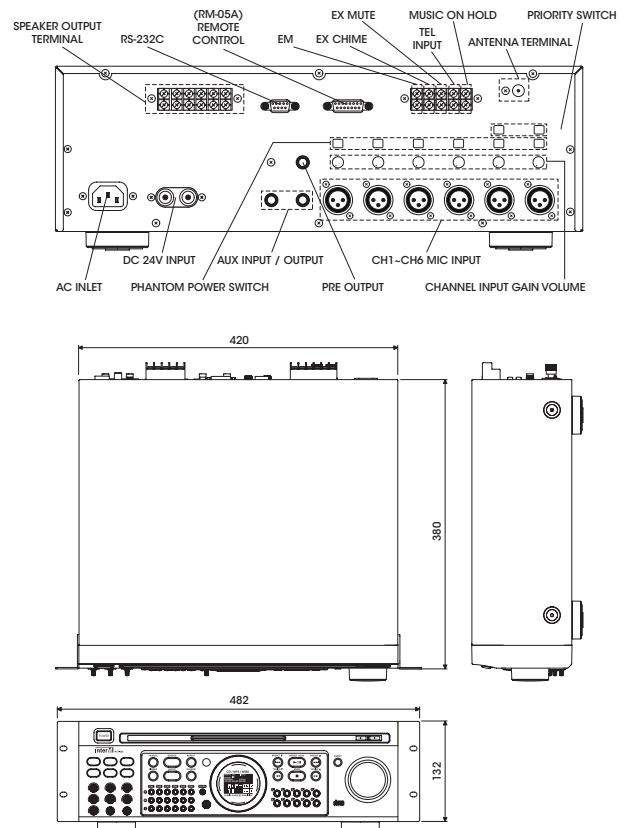
# PCT-610/620



## Features

- Output Power : PCT-610 - 120W(RMS) @<1% THD  
PCT-620 - 240W(RMS) @<1% THD
- 6 balanced input with adjustable sensitivity
- Signal Sources : CD player, FM tuner
- CD Play back (CD-DA, CD-R, CD-RW, MP3, WMA)
- IR Remote Control (Optional RC-100)
- Aux input, Aux out, Pre out
- EM, EX Chime, TEL IN, Music on Hold Function
- 5 individually selectable speaker zones with All Call
- Multi-tone chime, DRP (Digital Record Playback)
- 3 Band Equalizer on Inputs : 300Hz/1kHz/10kHz  $\pm 8$ dB
- 2 Band Equalizer (Master) : 100Hz / 10kHz  $\pm 8$ dB
- Adjustable Priority Muting : Ch1, 2, chime, em, telephone input
- Zoned Microphone Interface(RM-05A)
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz, 24VDC (supplied AC mains transformer depends on local requirements)
- Power Consumption : 90W(1/8 power)
- Weight : PCT-610 - 10kg, 22.7lb / PCT-620 - 11kg, 24.3lb
- Dimensions (WxHxD) : 482x132x380mm / 19x5.2x14.9in

## Dimensions



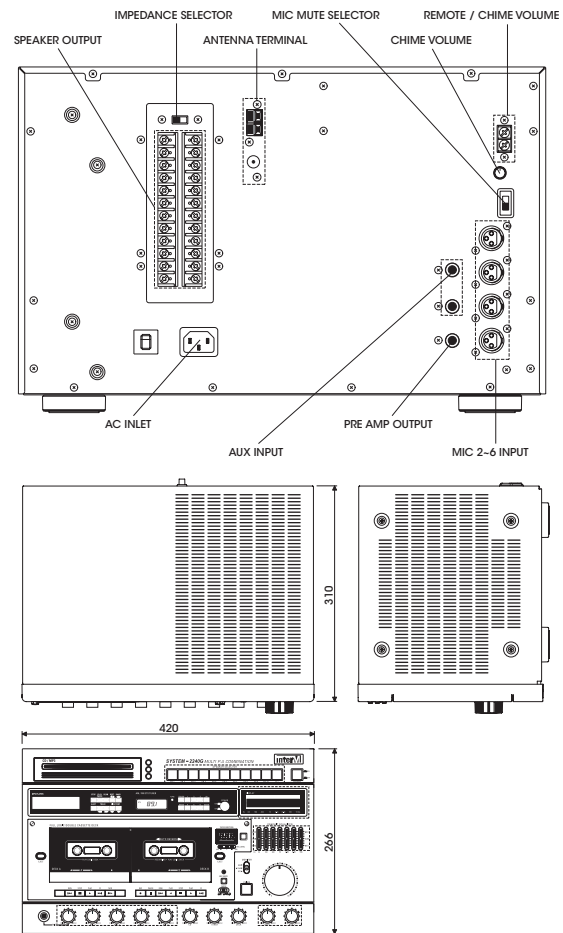
## Multi PA Combination

**SYSTEM-2240G**

NEW

RoHS  
COMPLIANT  CE**Features**

- Output Power : 240W(RMS) @ <1% THD
- Speaker Selector  
10 speaker selector switches are provided to enable you to select 10 speakers individually or totally
- 7-Band Equalizer & Spectrum Analyzer  
Installation of 7 band equalizer & spectrum analyzer according to frequency enables to tone control easily with your eyes ( $\pm 10\text{dB}$  @ 63Hz, 160Hz, 400Hz, 1kHz, 2.5kHz, 6.3kHz, 16kHz)
- Tuner Memory  
The total 30 memory address (FM : 18, AM : 12) in system can memorize the frequency of broadcasting station  
You can use the desirable frequency conveniently
- Normal Dubbing
- Auto-relay function  
cascading playback between Deck A and Deck B for seamless continuous playback
- 1CD (CD-DA, CD-R, CD-RW) / MP3 Player / WMA  
The product has a built-in CDP that can play back the CD stored in a MP3 file format to enable convenient use (Support playback of CD in CD / MP3 format)
- Monitor Speaker on the Side Panel  
You can monitor output signal by using the monitor speaker on the right side panel, and can control the monitor level on front panel by 3 step lever switch
- Chime with four Tones  
You can conveniently use four tone chime before the announcement
- Input : 5 Balanced Mic and 2 AUX
- Priority Muting : Mic 1, 2 or all mic selectable
- Power Source : 100-120VAC or 220-240VAC ; 50Hz/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 230W
- Weight : 25kg / 55.1lb
- Dimensions (WxHxD) : 420x266x310mm / 16.5x10.4x12.2in

**Dimensions**

Compact Disc Receiver

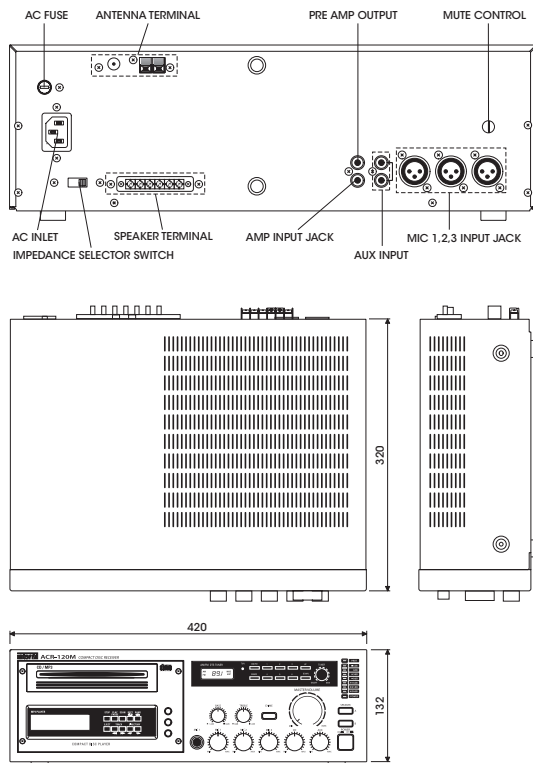
# ACR-120M



Features

- Output Power : 120W(RMS) @ <1% THD
- Input : Mic 1-3 with balanced XLR and 1/4", AUX, TUNER, CD, AMP IN
- Compact Disc Player : CD / CD-R / CD-RW / WMA or MP3 disc playback
- AM / FM digital tuner with 30 user presets
- 2-Band Equalizer : 100Hz / 10kHz  $\pm$ 12dB
- Multi-tone pre-announcement Chime
- Priority Muting : Mic 1, Chime
- 2 Speaker zone selector switches
- Power Source : 100-120VAC or 220-240VAC; 50Hz/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 120W
- Weight : 12.8kg / 28.2lb
- Dimensions (WxHxD) : 420x132x320mm / 16.5x5.2x12.6in

Dimensions



Note





# / PA MIXER / AMPLIFIER

Commercial Audio Products

Public Address Amplifier

# MA-106

NEW

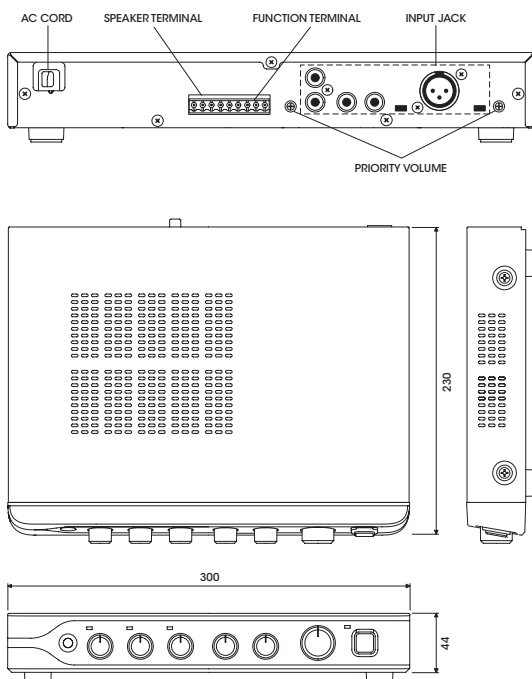
RoHS COMPLIANT CE



Features

- Output Power : 60W(RMS) @<1% THD
- High fidelity mic mixing amplifier
- 4ohm direct output
- 70V, 100V transformer coupled output
- Tone (treble / bass)
- Input signal display with LED
- External mute and TEL IN
- Dedicated microphone INPUT1 (Phone [Front] or XLR connector)
- Phone jack for INPUT2 (MIC/LINE selectable)
- Phone jack and RCA jack for INPUT3
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz
- Power Consumption : 24W
- Weight : 3.0kg / 6.6lb
- Dimensions (WxHxD) : 300x44x230mm / 11.8x1.7x9in

Dimensions



Public Address Amplifier

# MA-106A

NEW

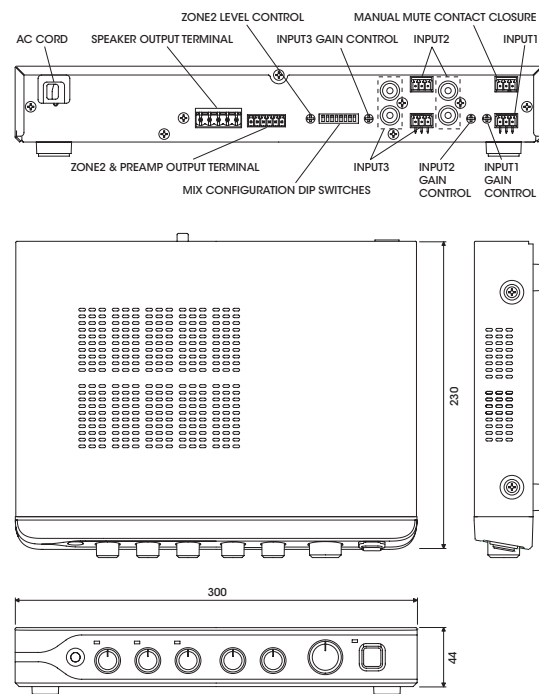
RoHS COMPLIANT CE



Features

- Output Power : 60W(RMS) @<1% THD
- Monitor Speaker Output Power : 1W
- 3.5mm Euroblock connector Input CH1 ~3
- Display Input Signal
- 2Band Tone Control (Bass, Treble)
- Priority Function
- MIX Configuration DIP switches
- Auto Standby Mode (No Signal for 25min.)
- Power Source : AC220V ~ 240V, 50 / 60Hz
- Weight : 3.9kg / 8.6lb
- Dimensions (WxHxD) : 300x44x230mm / 11.8x1.7x9in

Dimensions



## Public Address Amplifier

# MA-206/212/224

NEW

ROHS  
COMPLIANT

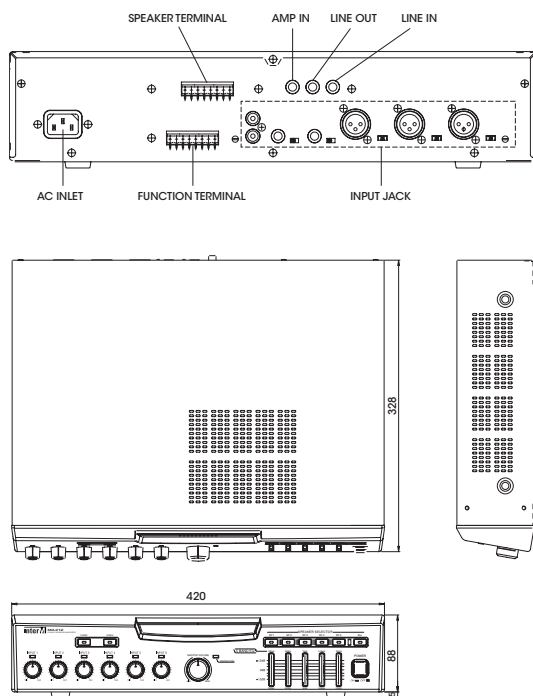
CE



## Features

- Output Power : MA-206 : 60W(RMS) @<1% THD  
MA-212 : 120W(RMS) @<1% THD / MA-224 : 240W(RMS) @<1% THD
- High fidelity mic mixing amplifier
- 4-ohm, 70V and 100V transformer coupled output
- 5 Zone output and all zone selectable
- 5 Band graphic equalizer
- 3 microphone input or line input (XLR connector)
- 2 microphone input or line input (Phone jack)
- RCA jack for line input 6
- Switchable phantom power supply (MIC1-3)
- VCA (Voltage Controlled Amplifier)
- External mute and TEL IN
- Chime / Siren signal output
- External chime control
- Channel input level display with LED
- Output level display with LED
- Power Source : 100-120VAC or 220-240VAC ; 50/60Hz
- Power Consumption : MA-206 : 38W / MA-212 : 50W / MA-224 : 75W
- Dimensions (WxHxD) / Weight  
MA-206 : 420x88x328mm / 16.5x3.5x12.9in / 5.4kg / 11.9lb  
MA-212 : 420x88x328mm / 16.5x3.5x12.9in / 6.7kg / 14.8lb  
MA-224 : 420x88x328mm / 16.5x3.5x12.9in / 8kg / 17.6lb

## Dimensions



## Note

Digital PA Amplifier

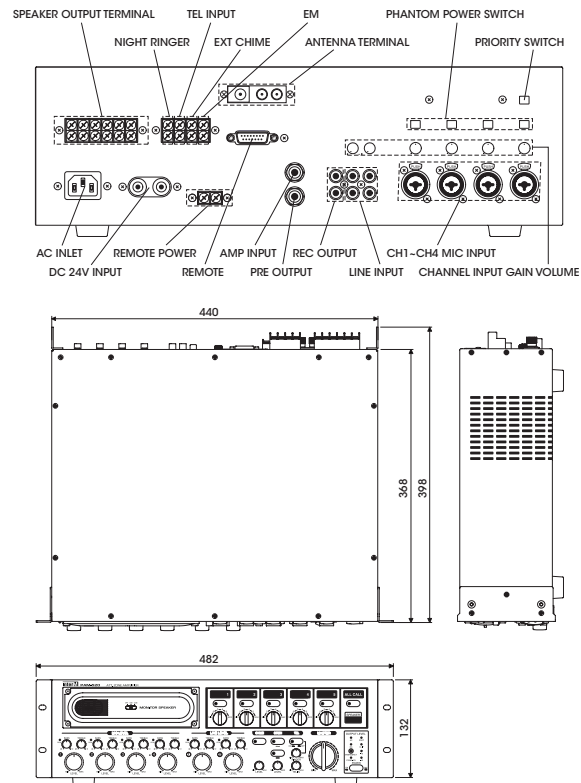
# PAM-510/520



### Features

- Output Power : PAM-510 - 120W(RMS) @<1% THD / PAM-520 - 240W(RMS) @<1% THD
- 5 individual selectable speaker zones with All Call  
6 speaker select switches enable you to select any combination of up to five speakers
- Remote Power : Turn on/off amplifier by remote control
- Emergency Announcement based on alarm input When EM switch is pressed in emergencies, EM broadcasting stored in VOICE IC is outputted
- Monitor Speaker  
You can monitor output signal by using the monitor speaker, and can control the monitor level on front panel by 3 step lever switch
- Single-cycle multi-tone chime
- Wired remote control for external amps and chime  
Individual speaker zones can be selected and chime can be operated by wired remote control
- Selectable Priority Muting : MIC1, Siren, Chime, Ringer, Telephone input, Remote amp  
Switchable audio signal priority for MIC Channels 1, siren, Chime and Telephone input over other input sources
- Optional Modular Signal Sources : CD Player, Cassette Deck, AM/FM Tuner
- Individual Input Gain Controls  
Rear-panel gain controls for each input channel for total control of individual levels
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz, 24VDC (supplied AC mains transformer depends on local requirements)
- Power Consumption : PAM-510 - 180W / PAM-520 - 320W
- Weight : PAM-510 - 17kg, 37.6lb / PAM-520 - 19kg, 42lb
- Dimensions (WxHxD) : 482x132x398mm / 19x5.2x15.7in

### Dimensions



## Public Address Amplifier

**PAM-120A/340A/480A**

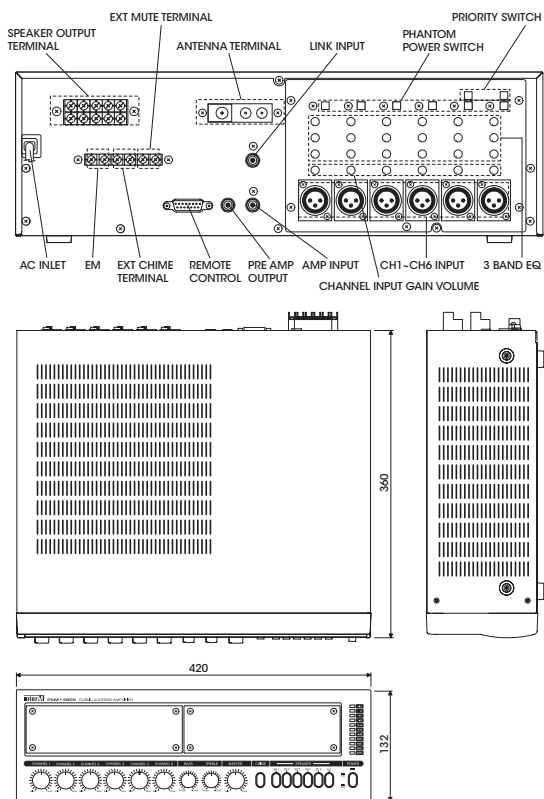
NEW

ROHS COMPLIANT  CE

## Features

- Output Power : PAM-120A - 120W(RMS) @<1% THD / PAM-340A - 340W(RMS) @<1% THD / PAM-480A - 480W(RMS) @<1% THD
- Input Connectors : Option of screw terminals, XLR, 1/4", RCA (supplied connectors depends on country)
- Optional Modular Signal Sources : CD player, cassette, AM/FM tuner
- 3 Band Equalizer on Inputs : 100Hz/1kHz/10kHz  $\pm$ 12dB
- 2 Band Equalizer (Master) : 100Hz/10kHz  $\pm$ 12dB
- Adjustable Priority Muting : Ch1, 2, chime
- Remote Control : multi-tone pre-announcement chime
- Wired remote control for external amps and chime
- Line in for additional mixer or amp link
- 5 individually selectable speaker zones with All Call
- Single-cycle multi-tone chime
- Emergency Announcement based on alarm input
- Power Source : 220-240VAC ; 50/60Hz (supplied AC mains transformer depends on local requirements)
- Power Consumption : PAM-120A - 130W / PAM-340A - 260W / PAM-480A - 360W
- Weight : PAM-120A - 13kg, 28.7lb / PAM-340A - 13.5kg, 29.7lb / PAM-480A - 15.5kg, 34.2lb
- Dimensions (WxHxD) : 420x132x360mm / 16.5x5.2x14.1in

## Dimensions



## Remote Mic Station

**RM-05A**ROHS COMPLIANT  CE

## Features

- Incorporates speaker zone control switches for PAM-340A/480A/510/520, PCT-610/620
- Dynamic gooseneck microphone
- Pre-announcement chime
- LED output level indication
- Power Source : 24VDC (D-Sub connector)
- Weight : 900g / 2lb (without Microphone)
- Dimensions (WxHxD) : 194x60x205mm / 7.6x2.3x8in

Amplifier

# PA-935N

NEW

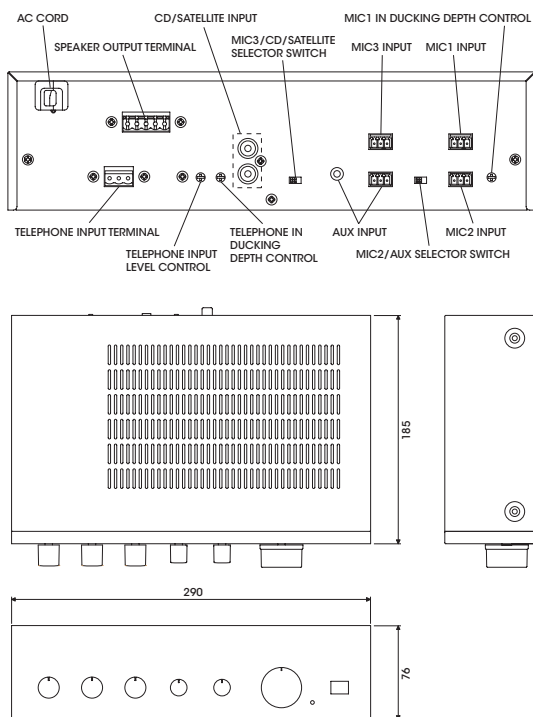
RoHS COMPLIANT CE



Features

- Output Power : 35W
- Inputs : Mic 1 ~ 3, AUX, CD/SATELLITE, Telephone Input
- Adjustable priority : Mic1, Telephone
- Power Source : AC 220V 60Hz, 40W
- Weight : 4.4kg / 9.7lb
- Dimensions (WxHxD) : 290x76x185mm / 11.4 x 3 x 7.3in

Dimensions



Public Address Amplifier

# PA-1000B/1000BR

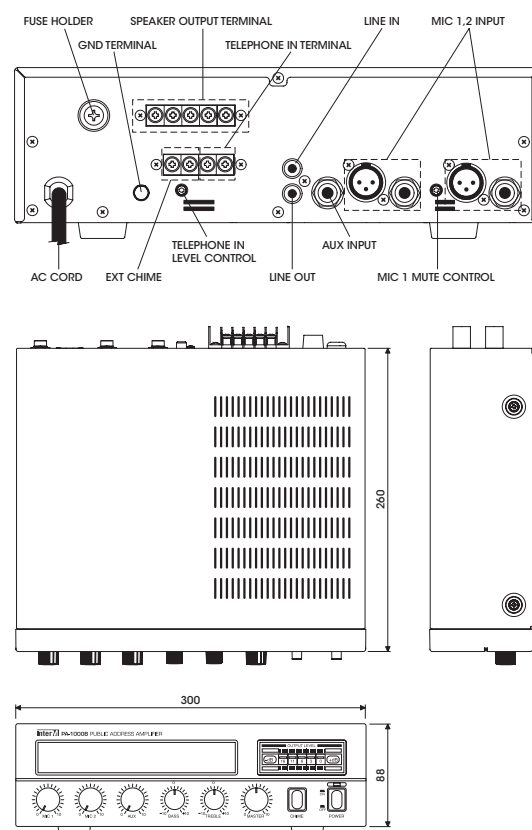
RoHS COMPLIANT CE



Features

- Output Power : 30W(RMS) @<1% THD
- Inputs : Mic 1, Mic 2, AUX, Telephone Input
- Input Connectors : Mic : Balanced XLR and 1/4"
- 2 Band Equalizer : 100Hz / 10kHz ±10dB
- Adjustable priority muting : Mic 1, Telephone
- Remote controllable multi-tone pre-announcement signal chime
- Line in/out for additional mixer or amp
- PA-1000BR Only : AM/FM digital tuner with 30 user presets ; music on hold
- Single-cycle multi-tone chime
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 45W
- Weight : PA-1000B - 4.6kg, 10lb / PA-1000BR - 4.8kg, 11.5lb
- Dimensions (WxHxD) : 300 x 88 x 260mm / 11.8 x 3.5 x 10.2in

Dimensions

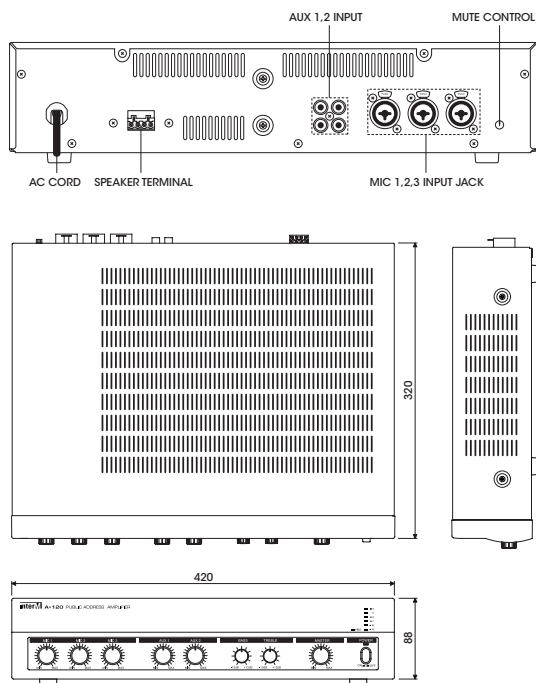


## Public Address Amplifier

# A-60/120

**Features**

- Output Power : A-60 - 60W(RMS) @<1% THD  
A-120 - 120W(RMS) @<1% THD
- Inputs : Mic1-3 Combination XLR/1/4", AUX 1-2 (Versatile and Easy to Us)
- 2-Band EQ (Tone control, bass & treble)
- Priority Muting : Mic 1
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : A-60 - 75W / A-120 - 105W
- Weight : A-60 - 8.9kg, 19.6lb / A-120 - 10.3kg, 22.7lb
- Dimensions (WxHxD) : 420x88x360mm / 16.5x3.5x12.6in

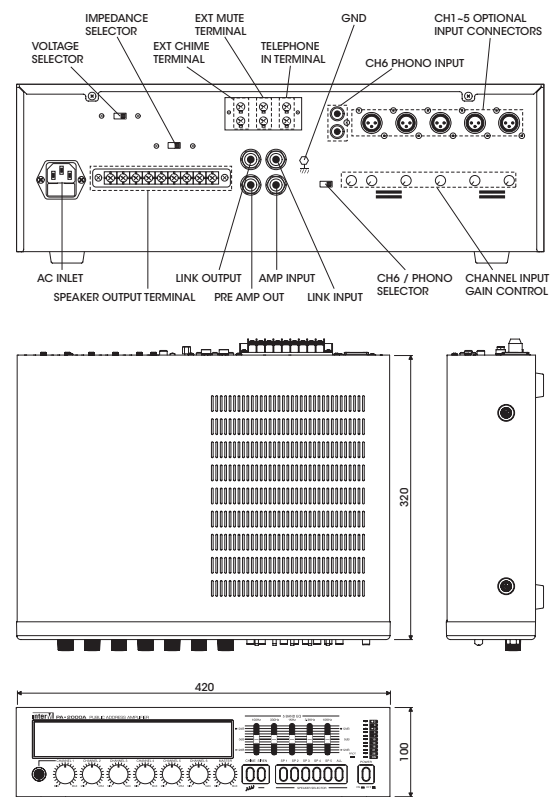
**Dimensions**

## Public Address Amplifier

# PA-2000A/4000A/6000A

**Features**

- Output Power : PA-2000A - 60W(RMS) @<1% THD / PA-4000A - 120W(RMS) @<1% THD / PA-6000A - 240W(RMS) @<1% THD
- Inputs : 6 Balanced with adjustable sensitivity
- Input Connector Options : XLR, 1/4", dual RCA
- Adjustable Priority Muting : Ch1, 2, chime / siren, telephone input
- 5 Band Equalizer :  $\pm 12$ dB @ 100Hz, 330Hz, 1kHz, 3.3kHz, 10kHz
- Remote-controllable multi-tone pre-announcement chime and siren
- Line in/out for additional mixer or amp link
- 5 individually-selectable speaker zones with All Call
- Single-cycle multi-tone chime
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz (supplied AC mains transformer depends on local requirements)
- Power Consumption : PA-2000A - 95W / PA-4000A - 120W / PA-6000A - 240W
- Weight : PA-2000A - 10kg, 22lb / PA-4000A - 12kg, 26.4lb / PA-6000A - 13.5kg, 29.7lb
- Dimensions (WxHxD) : PA-2000A - 420x100x320mm / 16.5x3.9x12.6in, PA-4000A, 6000A - 420x133x320mm / 16.5x5.2x12.6in

**Dimensions**

Digital PA Amplifier

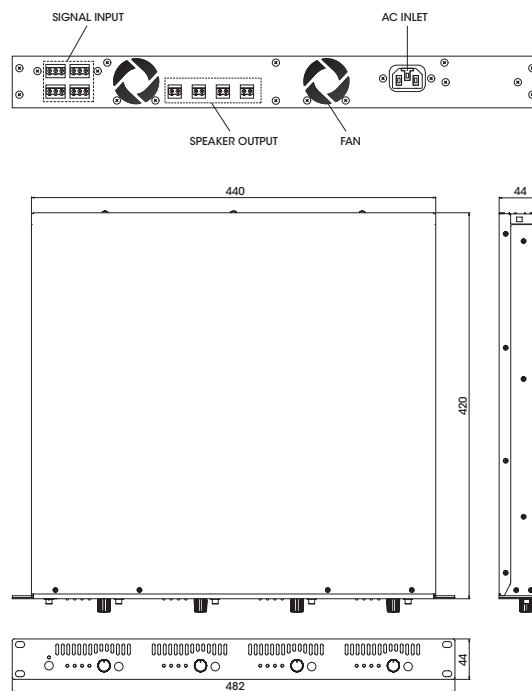
# DPA-430H



### Features

- 1U Rack Size
- Multi-channel power amplifier, 300W x 4 ch
- Independent SMPS power supply of each Channel
- Low power consumption, low heat and light weight
- High pass filter switch (65Hz / 400Hz)
- Volume or Trim selectable (Internal)
- Indicators : Protection, Clip, -10dB, -30dB
- Protection : thermal, DC, over current, output short
- Power Consumption : 270W(1/8Pmax)
- Power Source : 220~230VAC ; 50/60Hz
- Weight : 9.8kg / 21.2 lb
- Dimensions (WxHxD) : 482x44x420mm / 19x1.7x16.5in

### Dimensions



Spec		DPA-430H
Rated Power		300W x 4 channel
Input Sensitivity (1kHz)		1V / 10kΩ Balanced
Output Voltage / Load Impedance		70V/16.3Ω, 100V/33.3Ω
T.H.D (AES17 Filter)	Prated(300W, 1kHz)	less then < 0.1%
	1/8Prated(100W, 1kHz)	less then < 0.03%
Signal to Noise Ratio (20kHz LPF, A-WTD)		>100dB
High Frequency Response (+1, -3dB)		≥20kHz
Low Frequency Response	High Pass Filter Off (-3dB ±2dB)	65Hz
	High Pass Filter On (-3dB ±2dB)	400Hz
Volume Control		0dB ~ minimum (default) 0dB ~ -12dB (with Jumper setting)
Operating Temperature		-10°C ~ +40°C



## Digital PA Amplifier

# DPA-130DC/230DC

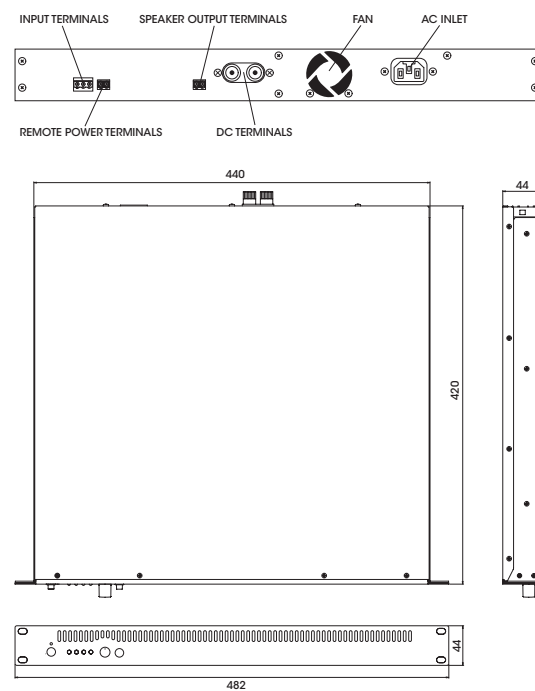
NEW



## Features

- Flexible application with 1U size compact item for small space
- DC24V for EM power supply & AC power
- contact provided for power control from a remote place
- Individual power structure per each channel
- Low power, low heat and light weight by applying with new technology
- Perfect protection circuit for Overheat, Output short, overload, power failure & DC power
- 0.03%(100W), 0.1% (300W), high sound quality with low THD & S/N over 100dB
- Speaker protection from low signal input by adopting 400Hz high pass filter (65Hz/400Hz)
- Volume Control Range Setting (-∞ or -12dB)
- Balance Input  
(Delete the Common Noise from the cable)
- Power Source & Consumption :  
AC 220V ~ 240V / 50 / 60Hz, DC24V, 150W(MAX)
- Output Voltage / Impedance :100V / 33.3Ω"
- Dimension :482(W) x 44(H) x 420(D)mm /  
19 x 1.8 x 16.5in
- Weight : 8.3kg / 18.3lb (DPA-230DC),  
6.8kg / 15lb (DPA-130DC)

## Dimensions



Digital Multi CH Amplifier (4CH)

# DPA-5075M

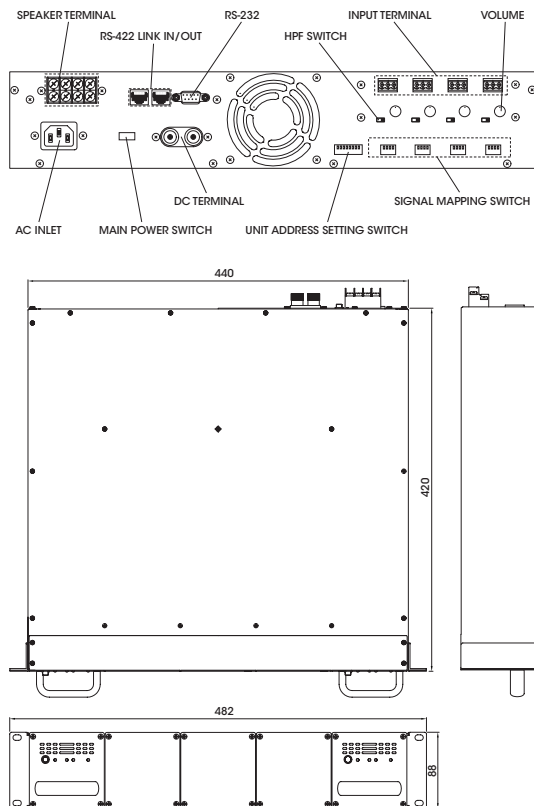
NEW



Features

- Modular based design, SMPS independent, No need turn off module change
- Spare amplifier module failover mode, 4(Main amp) + 1(Spare amp)
- Data linking with amplifiers via RS-422 and monitoring
- Amplification modules have software checkable power levels/load options
- Balance Input
- Output (75W X 4CH, 150W X 2CH, 225W X 1CH, 75W X 1CH, 300W X 1CH)
- Protection circuitry (over heat, over current, speaker short, DC output)
- Independent SMPS power supply for each channel,
- low power consumption, low heat dissipation
- Weight  
DPA-5075 : MAIN SET + AMP MODULE 2EA - 10.8kg / 24lb  
MAIN SET + AMP MODULE 5EA - 16.5kg / 36.4lb
- Dimensions (WxHxD) : 482 x 88 x 420mm / 19 x 3.4 x 16.5in

Dimensions



DPA-5075M Module Amplifier

# DM-75

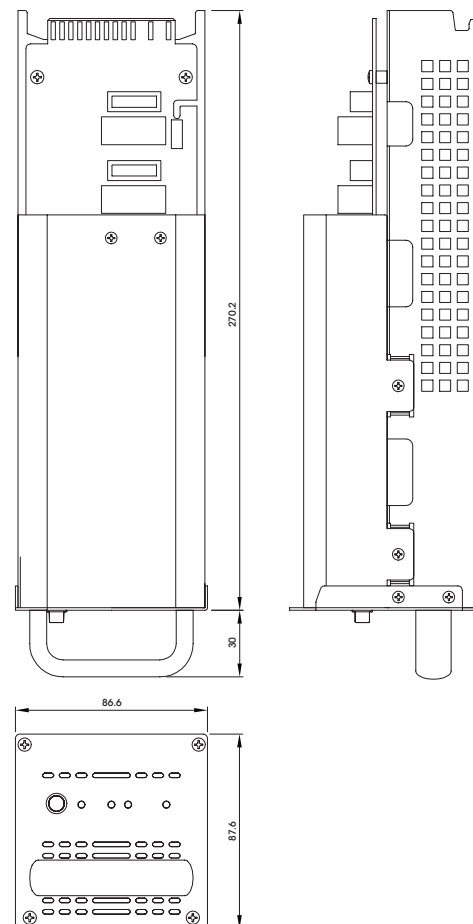
NEW



Features

- Weight : 1.9kg / 4.2lb
- Dimensions (WxHxD) : 86.6 x 87.6 x 270.2mm / 3.4 x 3.4 x 10.6in

Dimensions



## Power Amplifier

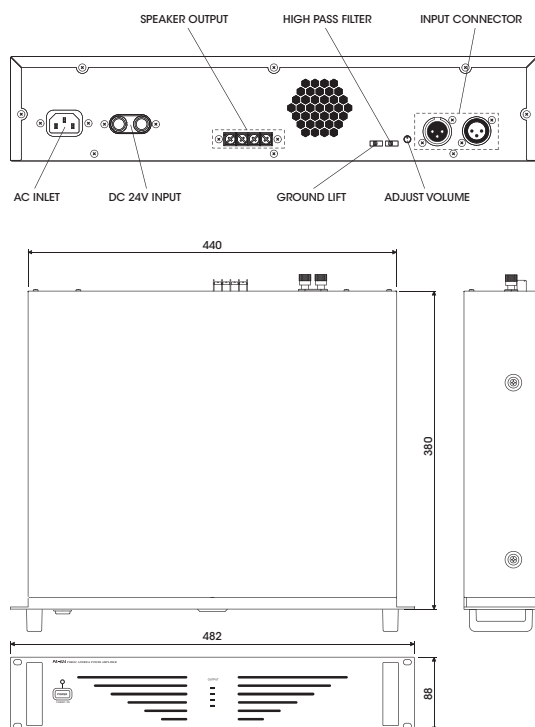
# PA-612/624



## Features

- SMPS (switch mode power supply)
- Output Power : 120W RMS (PA-612), 240W RMS (PA-624) @ < 1% THD
- Digital amplifier
- 400Hz high pass filter
- Adjustable input gain from -12dB to 0dB
- Protection : Thermal, PC limiter
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz, 24VDC
- Power Consumption : 65W (1/8 Power)
- Weight : 8.9kg / 19.6lb
- Dimensions (WxHxD) : 482x88x380mm / 19x3.5x15in

## Dimensions



## Power Amplifier

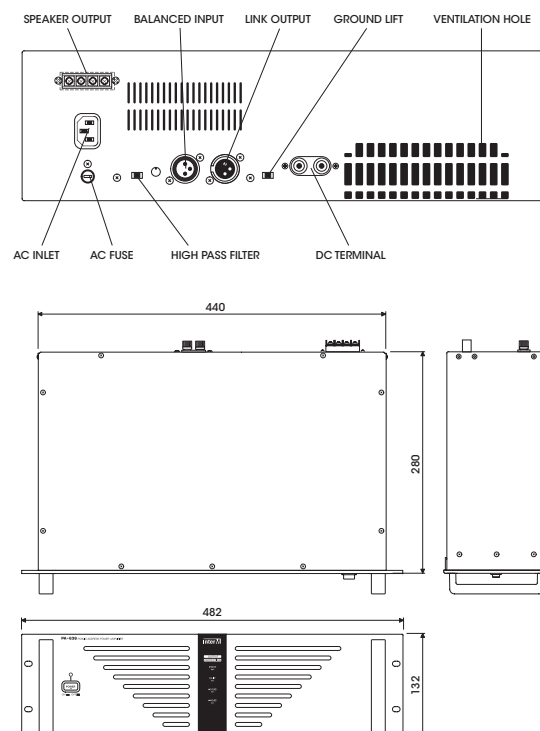
# PA-636/648



## Features

- Output Power : PA-636 - 360W (RMS) < 1% THD, PA-648 - 480W (RMS) < 5% THD
- Protection : Thermal, PC limiter
- Balanced XLR input with XLR parallel link-out connector
- 400Hz High pass filter
- Ground Selector Switch : Frame / Float
- Adjustable input gain from -12dB to 0dB
- Fan forced-air cooling system
- Automatic two-speed cooling Fan
- Output level indicator LEDs
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz, 24VDC (supplied AC mains transformer depends on country requirements)
- Power Consumption : PA-636 - 380W / PA-648 - 600W
- Weight : PA-636 - 18.9kg, 41.7lb / PA-648 - 21.7kg, 47.8lb
- Dimensions (WxHxD) : 482x132x280mm / 19x5.2x11in

## Dimensions

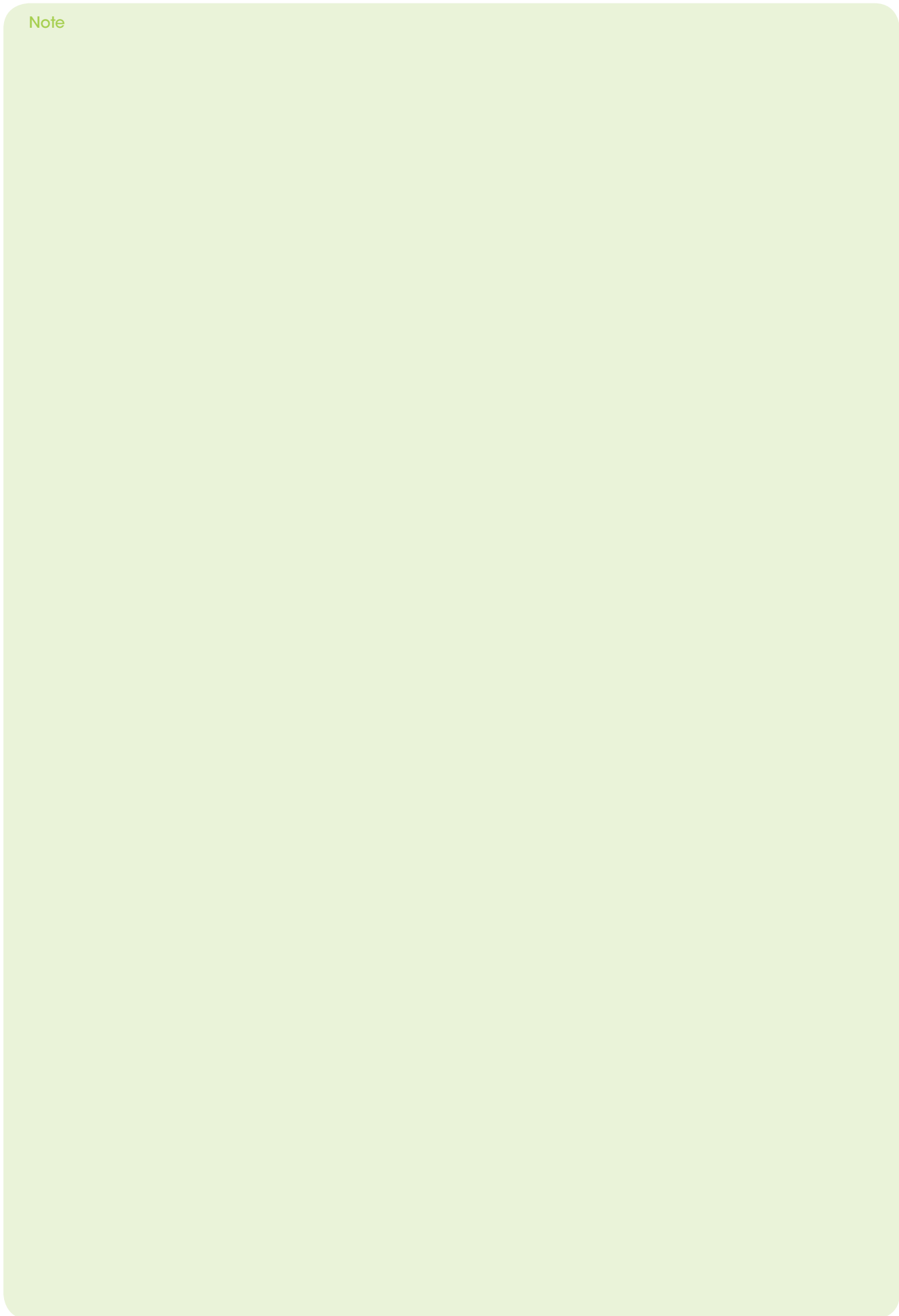


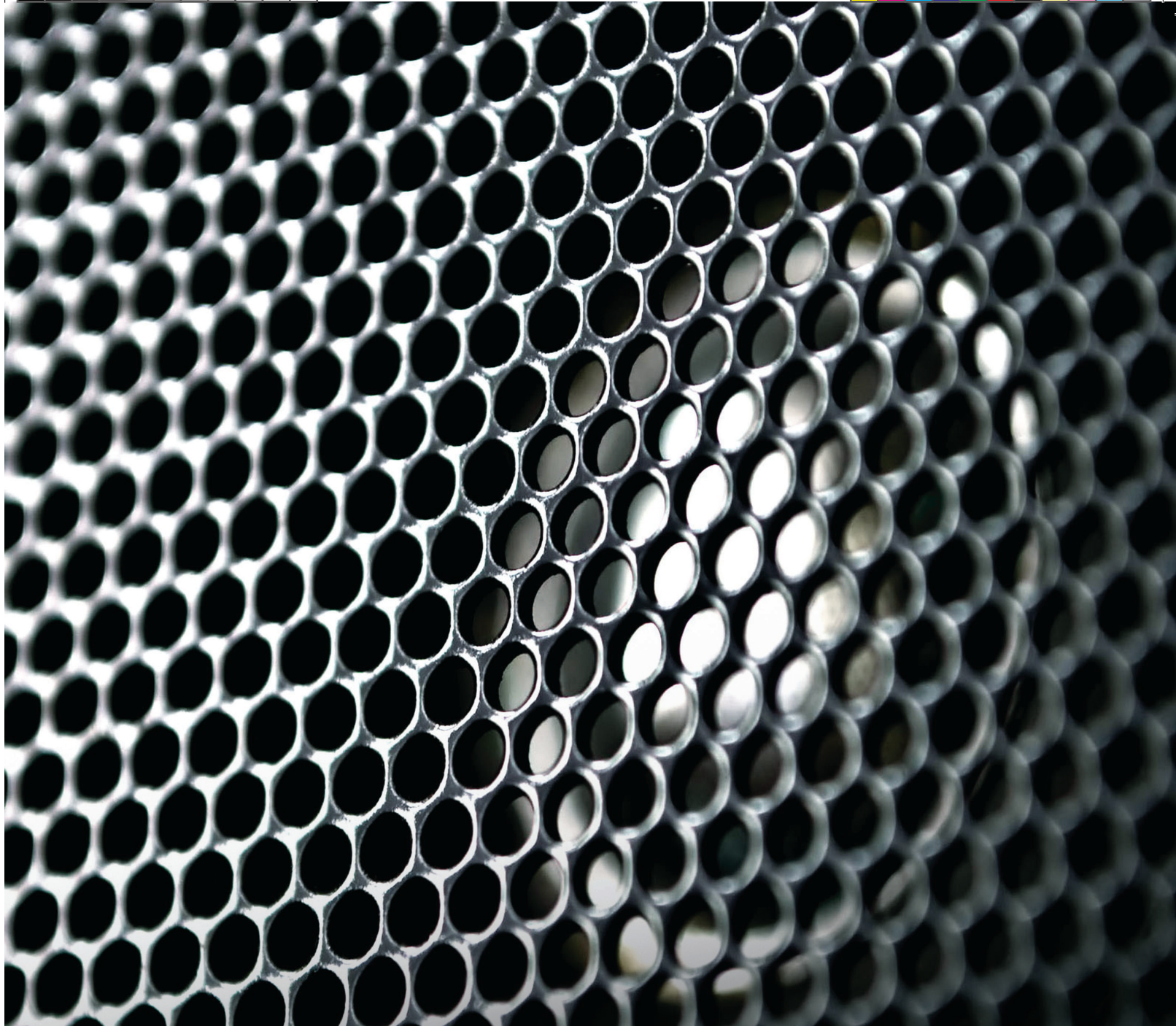


# PA MIXER / AMPLIFIER/

**interM**

Note





# / PA SPEAKER

Commercial Audio Products



Column Speakers - Indoor

# CU-410/420/430/440

NEW



**Features**

- Color : Light Grey
- User based design for fast installation
- Simple and clear design with their rounded corners and edges
- Top quality durable units are applied for excellent sound reproduction performance
- Direction adjustable with bracket



CU-410 (10W)    CU-420 (20W)    CU-430 (30W)    CU-440 (40W)

Spec	Unit	CU-410	CU-420	CU-430	CU-440
Rated Power	W	10	20	30	40
Impedance	Ω	1k / 2k	500 / 1k	330 / 660	250 / 500
Frequency Response	Hz	180 ~ 14k			
SPL (1W/m)	dB	91	94	95	97
Enclosure Material		PP / Aluminum			
Weight	kg	2	3	4	5
	lb	4.4	6.6	8.8	11
Dimensions (W X H X D)	mm	156X300X129	156X400X129	156X500X129	156X600X129
	inches	6X11.8X5	6X15.7X5	6X19.6X5	6X23.6X5

Column Speakers - Outdoor

# CU-510/520/530/540

NEW



**Features**

- Color : Titanium(Light Brown)
- User based design for fast installation
- Simple and clear design with their rounded corners and edges
- Top quality durable units are applied for excellent sound reproduction performance
- Direction adjustable with bracket



CU-510 (10W)    CU-520 (20W)    CU-530 (30W)    CU-540 (40W)

Spec	Unit	CU-510	CU-520	CU-530	CU-540
Rated Power	W	10	20	30	40
Impedance	Ω	1k / 2k	500 / 1k	330 / 660	250 / 500
Frequency Response	Hz	180 ~ 14k			
SPL (1W/m)	dB	91	94	95	97
Enclosure Material		PP / Aluminum			
Weight	kg	2	3	4	5
	lb	4.4	6.6	8.8	11
Dimensions (W X H X D)	mm	156X300X129	156X400X129	156X500X129	156X600X129
	inches	6X11.8X5	6X15.7X5	6X19.6X5	6X23.6X5

## Column Speakers - Indoor

## CU-910(V)/920(V)/930(V)/940(V)

NEW



## Features

- Color : Light Grey
- Horn Unit(CU-910V/920V/930V/940V),  
Tweeter Unit(CU-910/920/930/940)
- Simple and clear design with their tweeter unit corners and edges
- Top quality durable units are applied for excellent sound reproduction performance
- Strong aluminum frame which guarantees the strength of the cabinet
- The highest grade of twitter speakers are used to achieve the best of the sound
- User based design for fast installation
- Speaker Terminal added for easy installing and convenience

Spec	Unit	CU-910(V)	CU-920(V)	CU-930(V)	CU-940(V)
Rated Power	W	10	20	30	40
Impedance	$\Omega$	1k / 2k	500 / 1k	330 / 660	250 / 500
Frequency Response	Hz	220 ~ 15k	220 ~ 15k	220 ~ 15k	220 ~ 15k
SPL (1W/m)	dB	87	90	91	93
Enclosure Material		Aluminum			
Weight	kg	1.45	2.35	2.85	3.35
	lb	3.2	5.2	6.3	7.4
Dimensions (W X H X D)	mm	104X290X86	104X400X86	104X490X86	104X580X86
	inches	4X11.4X3.4	4X15.7X3.4	4X19.3X3.4	4X22.8X3.4

## Column Speakers - Outdoor

## CU-920H(V)/940H(V)

NEW



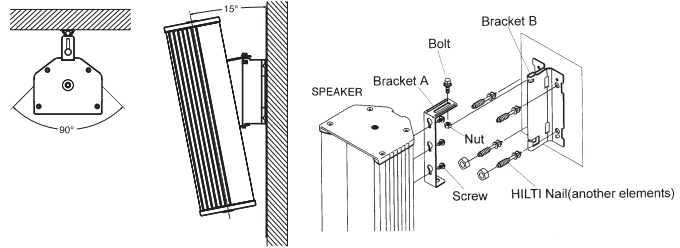
## Features

- Color : Light Grey
- Horn Unit(CU-920HV/940HV)
- Simple and clear design with their rounded corners and edges
- Top quality durable units are applied for high sound pressure level and excellent sound reproduction performance
- Strong aluminum frame which guarantees the strength of the cabinet
- The highest grade of twitter speakers are used to achieve the best of the sound
- User based design for fast installation
- Waterproof, dampproof materials ensure this speaker suitable for working in the harsh outdoor environments
- Speaker Terminal added for easy installing and convenience

Spec	Unit	CU-920H(V)	CU-940H(V)
Rated Power	W	20	40
Impedance	$\Omega$	500 / 1K	250 / 500K
Frequency Response	Hz	180 ~ 15k	180 ~ 15k
SPL (1W/m)	dB	90	93
Enclosure Material		Aluminum	
Weight	kg	2.35	3.35
	lb	5.2	7.4
Dimensions (W X H X D)	mm	104X400X86	104X580X86
	inches	4X15.7X3.4	4X22.8X3.4

Column Speakers - Outdoor

# CS-810/820/830/840



CS-810  
(10W)

CS-820  
(20W)

CS-830  
(30W)

CS-840  
(40W)

Spec	Unit	CS-810	CS-820	CS-830	CS-840
Rated Power	W	10	20	30	40
Impedance	Ω	1k / 2k	500 / 1k	330 / 660	250 / 500
Frequency Response	Hz	200 ~ 22k	200 ~ 22k	200 ~ 22k	200 ~ 22k
SPL (1W/m)	dB	92	95	96	99
Enclosure Material		Aluminum			
Weight	kg	2.9	3.6	4.7	5.4
	lb	6.4	7.9	10.4	12
Dimensions (W X H X D)	mm	149X310X124	149X420X124	149X530X124	149X640X124
	inches	6X12.2X5	6X16.5X5	6X21X5	6X25X5

Ceiling Speakers

# CS-3/6/12



CS-3/6/12

**Features**

- Versatile
- Easy installation
- Excellent for public address applications

Spec	Unit	CS-3	CS-6	CS-12
Rated Power	W	3	6	12
Impedance	Ω	COM,3.3k,5k,10k	COM,1.7k,4k,8k	COM,800Ω,1k,2k
Frequency Response	Hz	150 ~ 15k	150 ~ 15k	150 ~ 15k
SPL (1W/m)	dB	91	92	93
Install Hole Size	mm	Ø195 ~ Ø200 mm		
Weight	g	700	710	740
	lb	1.5	1.6	1.6
Dimensions (W X H X D)	mm	220(Ø)X100		
	inches	8.7(Ø)X4		



## Ceiling Speakers

# CS-20/30/80

NEW



CS-20/30/80

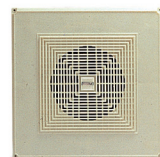
**Features**

- Versatile
- Easy installation
- Excellent for public address applications

Spec	Unit	CS-20	CS-30	CS-80
Rated Power	W	20	30	80
Impedance	$\Omega$	COM,500 $\Omega$ ,1k,2k	COM,330 $\Omega$ ,500 $\Omega$ ,1k	COM,125 $\Omega$ ,250 $\Omega$ ,500 $\Omega$
Frequency Response	Hz	150 ~ 20k	150 ~ 20k	150 ~ 20k
SPL (1W/m)	dB	92	93	93
Install Hole Size	mm	$\varnothing$ 200 ~ $\varnothing$ 205		
Weight	kg	2	2.7	3.7
	lb	4.4	6	8.2
Dimensions (W X H X D)	mm	220( $\varnothing$ )X180		
	inches	9( $\varnothing$ )X7		

## Ceiling Speakers

# CS-03/03A/05/10

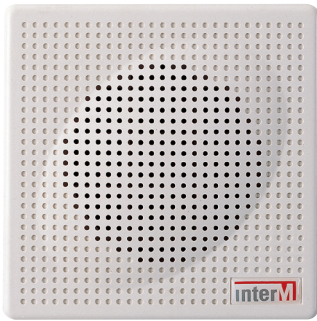
CS-03  
(3W)CS-03A  
(3W)CS-05(W/G)  
(5W)CS-10  
(10W)**Features**

- Versatile
- Easy installation
- Excellent for public address applications

Spec	Unit	CS-03	CS-03A	CS-05	CS-10
Rated Power	W	3	3	5	10
Impedance	$\Omega$	COM, 3.3k, 5k, 10k	COM, 3.3k, 5k, 10k	COM, 2k, 4k, 8k	COM, 1k, 2k
Frequency Response	Hz	180 ~ 10k	150 ~ 15k	150 ~ 14k	120 ~ 10k
SPL (1W/m)	dB	90	90	92	92
Enclosure Material		Aluminum			ABS resin
Weight	g	650	725	945	1000
	lb	1.4	1.6	2.1	2.2
Dimensions (W X H X D)	mm	228( $\varnothing$ )x96	227( $\varnothing$ )x100	227( $\varnothing$ )x100	303x303x95
	inches	9( $\varnothing$ )x3.8	8.9( $\varnothing$ )x4	8.9( $\varnothing$ )x4	12x12x3.75

APT Speakers

# APT-01A/03A



APT-01A/03A  
(1W/3W)

Spec	Unit	APT-01A	APT-03A
Rated Power	W	1	3
Impedance	Ω	10k	3.3k
Frequency Response	Hz	320 ~ 20k	250 ~ 20k
SPL (1W/m)	dB	83	85
Enclosure Material		ABS	
Weight	kg	0.224	0.23
	lb	0.5	0.51
Dimensions (W X H X D)	mm	120 X 120 X 55	
	inches	4.7 X 4.7 X 2.2	

Apt Speakers

# APT-01R



**Features**

- Splendid Design
- Easy Installation on ceiling or Wall
- Controlling the sound direction with Dome Type Cover

Spec	APT-01R
Rated Power	1W
Impedance	10kΩ
Frequency Response	260Hz - 10kHz
SPL(1W/m)	84dB
Weight	220g / 0.5lb
Dimensions	152(ø) x 55(D)mm / 6 x 2.2in

Apt Speakers

# APT-01C/03C

NEW



**Features**

- Splendid Design
- Easy Installation on ceiling or Wall
- Clip type (Ceiling type installation)

Spec	APT-01C	APT-03C
Rated Power	1W	3W
Impedance	COM / 10kΩ	COM / 3.3kΩ
Frequency Response	260Hz - 10kHz	260Hz - 12kHz
SPL(1W/m)	85dB	86dB
Weight	192g / 0.4lb	232g / 0.5lb
Dimensions	120ø x 41(D)mm / 4.7 x 1.6in	

## Commercial Speakers

## FS-30/60/100/52



FS-30/60/100

- 30W /60W /100W  
- 5" Full Range X 2



FS-52

- 50W  
- 1" Dome Tweeter  
- 5 1/4" Cone Woofer  
- 3.74" X 3.74" Horn



\*BRACKET(FSB-2)  
- Wall mount bracket for  
FS-30/60/100/52 speaker

## Features

- A switch (FS-30/60/100) permits use with either low impedance (8ohm) or high- impedance (70/100V line) amplifiers
- Full range 5 1/4" x 2(FS-30/60/100)
- 2Way 1" + 5 1/4" (FS-52)
- FS-52 available only in 8ohm version
- Color coded connection terminals : Red=positive (+) and black=negative (-)
- Connection terminals are push-type to permit easy cable connections

Spec	Unit	FS-30	FS-60	FS-100	FS-52
Rated Power	W	30	60	100	50
Impedance	$\Omega$	8 / 333	8 / 167	8 / 100	8
Frequency Response	Hz	180 ~ 13k			
Weight	kg	3.5	3.6	3.8	4
	lb	7.7	8	8.4	8.8
Dimensions (W X H X D)	mm	175 X 300 X 158.5			
	inches	6.9 X 11.8 X 6.24			
Bracket (Option)		FSB-2			

## Paging Horn Speakers

## H-20, HS-S20/20/30/50/30RT/40RT



H-20(20W)



HS-S20(20W)



HS-20(20W)



HS-30(30W)



HS-50(50W)



HS-30RT(30W)



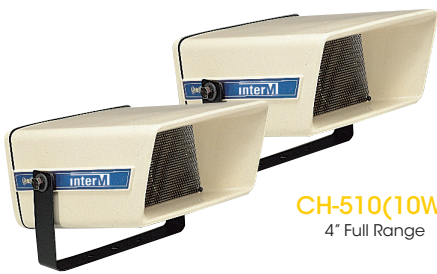
HS-40RT(40W)

Spec	Unit	H-20
Applicable Unit	W	35 ~ 100
Driver Unit Coupling		1-3 / 8 inch -18p
Weight	kg / lb	2.4 / 5.3
Dimensions (W X H X D)	mm	500(Ø) X 395
	inches	19.6(Ø) X 15.5

Spec	Unit	HS-S20	HS-20	HS-30	HS-50	HS-30RT	HS-40RT
Rated Power	W	20	20	30	50	30	40
Impedance	$\Omega$	500,1k	500,1k	330,660	200,400	330,660	250,500
Frequency Response	Hz	380 ~ 6500					
SPL (1W/m)	dB	106	106	107	109	107	109
Weight	kg / lb	1.5/3.3	2.45/5.4	2.85/6.3	3.1/6.8	2.95/6.5	2.95/6.5
	mm	169(Ø) X 230	250(Ø) X 280	280(Ø) X 350	320(Ø) X 350	320 X 210 X 365	
Dimensions (W X H X D)	inches	6.7(Ø) X 9	10(Ø) X 11	11(Ø) X 13.7	12.6(Ø) X 13.7	12.6 X 8.2 X 14.3	

Clear Horn Speaker

# CH-510/522/530/532



**CH-510(10W)**  
4" Full Range

**CH-522(20W)**  
4" Full Range

**CH-530(30W)**  
4" Full Range

**CH-532(30W)**  
4" Coaxial Cone

**Features**

- Indoor or outdoor use
- Coaxial-type 2-way system
- Wide frequency range with remarkable vocal clarity
- Excellent for public address systems
- Easy installation
- Dispersion control

Spec	Unit	CH-522	CH-532	CH-510	CH-530
Rated Power	W	20	30	10	30
Impedance	Ω	500 ~ 1k	165 ~ 333	1k ~ 2k	165 ~ 333
Frequency Response	Hz	110 ~ 20k	100 ~ 20k	150 ~ 18k	100 ~ 20k
SPL (1W/m)	dB	95	95	95	95
Weight	kg/lb	3.5 / 7.7		3.3 / 7.3	3.5 / 7.7
Dimensions (W X H X D)	mm	294 X 209 X 326			
	inches	11.6 X 8.2 X 12.8			

Wall Speakers

# IWS-10/10A



**IWS-10(W/B)**



**IWS-10A(W/B)**

**Features**

- Stylish design
- Adapting high performance unit for sophisticated and rich sound
- Realizing the design with pursuing the modern sense
- Sound volume adjustable with attenuator (IWS-10A)

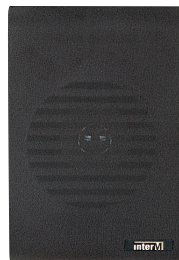
Spec	Unit	IWS-10	IWS-10A
Rated Power	W	30	60
Impedance	Ω	COM, 1k, 3.3k	COM, 1k, 3.3k (sw off, -12dB, -6dB, 0dB)
Frequency Response	Hz	220 ~ 12k	220 ~ 12k
SPL (1W/m)	dB	90	90
Weight	kg	1.1	1.3
	lb	2.4	2.8
Dimensions (W X H X D)	mm	179 X 312 X 109	
	inches	7 X 12.3 X 4.3	

## Wall Speakers

# SWS-10(A)/03(A)



SWS-10(A)



SWS-03(A)

**Features**

- SWS series offer a break from the conventional 'Box' speaker
- With either 3W or 10W 100V line versions available, these are the ideal choice for an office environments
- The SWS-03 and SWS-10 are available in an Ivory or Brown color
- (A) means "with attenuator"

Spec	Unit	SWS-10(A)	SWS-03(A)
Rated Power	W	10 / 5 / 3 100V	3 / 2 / 1 100V
Frequency Response	Hz	150 ~ 12k	150 ~ 12k
Impedance	$\Omega$	8, 83, 166, 333	8, 166, 333, 666
SPL(1W/m)	dB	90	89
Color		Ivory or Brown	
Material		Injection Moulded	
Weight	kg	1.34	1.1
	lb	3	2.4
Dimensions (W X H X D)	mm	182 X 274 X 120	
	inches	7.2 X 10.78 X 4.7	

## Wall Speakers

# WS-203(B/I)/210(B/I)/230(B/I)

NEW

**Features**

- Using high quality enclosure
- highly reliable Indoor speaker
- Convenient installation
- Favorable exterior design
- WS-203/210 : 1-way SPK system(adapt SUB-CONE, 6" Full range)
- WS-230 : 2-way SPK system(adapt DOME tweeter, 6"-2 way)

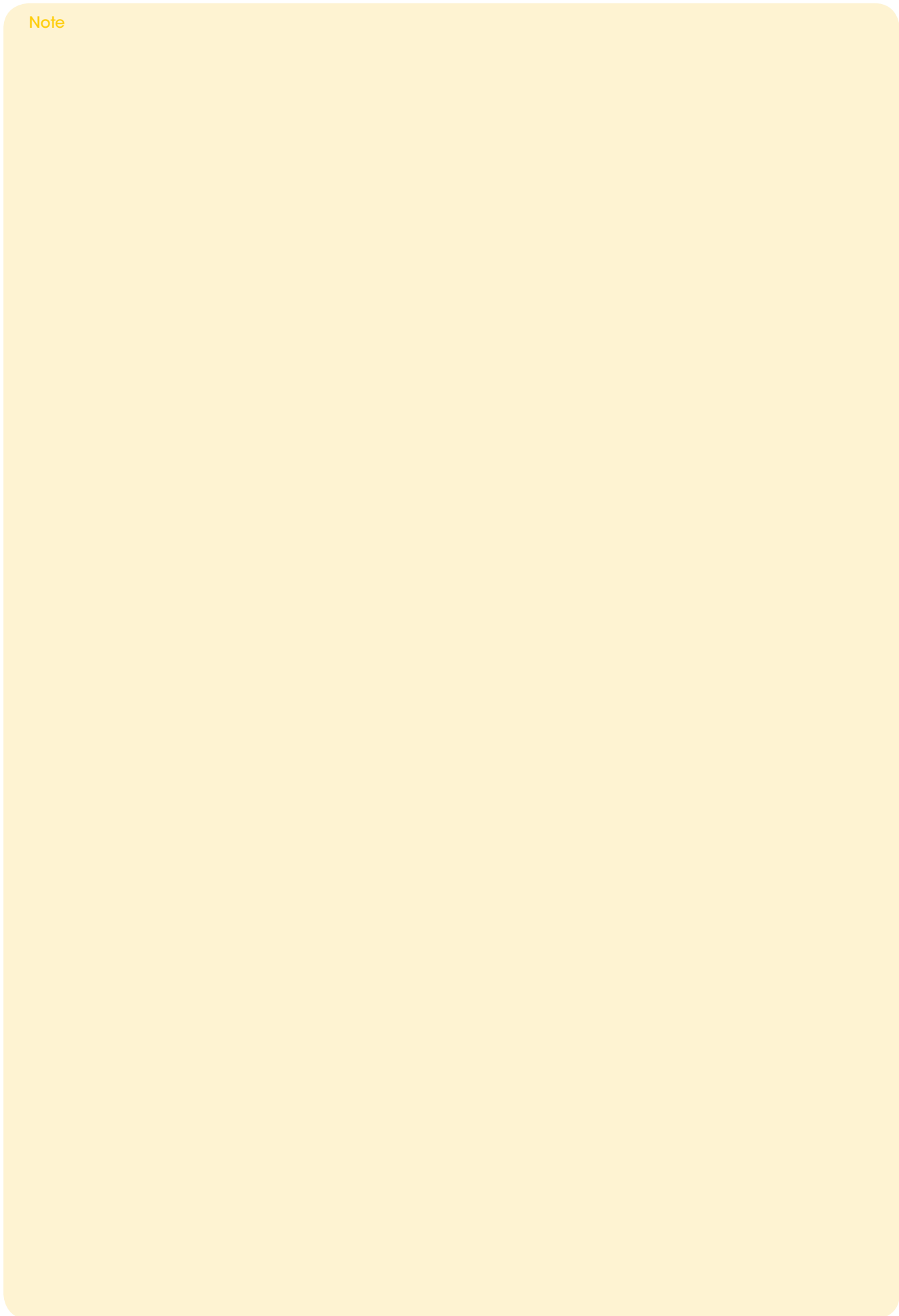
Spec	Unit	WS-203	WS-210	WS-230
Rated Power	W	3	10	30
Impedance	$\Omega$	COM,3.3k,5k,10k	COM,1k,2k,3.3k	COM,330,500,1k
Frequency Response	Hz	200 ~ 16k		
SPL (1W/m)	dB	93	92	93
Weight	kg	1.1	1.2	2.2
	lb	2.4	2.6	4.6
Dimensions (W X H X D)	mm	315 x 183 x 102.5		315 x 183 x 124
	inches	12.4 x 7.2 x 4		12.4 x 7.2 x 4.8



PA SPEAKER/

interM

Note





# / OTHER PRODUCT

Commercial Audio Products

[www.inter-m.com](http://www.inter-m.com) **interM**



Blank Panel

# BP-610/620



**Features**

- BP-610 - 1U Vented Blank Panel / BP-620 - 2U Vented Blank Panel
- Weight : BP-610 - 320g, 0.7lb / BP-620 - 540g, 1.2lb
- Simultaneous 2 Group Different Broadcasting
- Dimensions (WxHxD) : BP-610 - 482x44x28mm, 19x1.75x1.1in / BP-620 - 482x88x28mm, 19x3.5x1.1in

Attenuator

# ATT-03/30/BOX



**Features**

- Four-step level control
- Switch-plate-mounted attenuator unit
- Attractive, modern design
- Simple installation
- Screwless terminal block for easy installing
- Steel box for ATT-03/30(Attenuator Box)



ATT-03  
(3W)



ATT-30  
(30W)

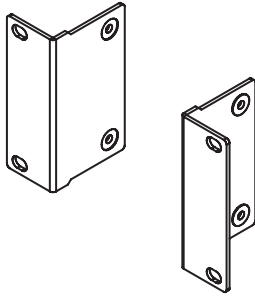


ATT-BOX

Spec	Unit	ATT-03	ATT-30
Rated Power	W	3	30
Application	W	2 ~ 3	7 ~ 30
Input Impedance (Reference Voltage 100V)	$\Omega$	5k ~ 3.3k	1.4k ~ 330
Volume Control	dB	4 step SW (-off, -10, -4, 0dB)	4 step SW (-off, -12, -6, 0dB)
Method		Resistor	Transformer
Material	Plate	SECC 1.0t	
Front Cover		A.B.S	
Weight	g	112	196
	lb	0.247	0.432
Dimensions (W X H X D)	mm	68 X 120 X 38	
	inches	2.7 X 4.7 X 1.5	



## Rack Mount Bracket

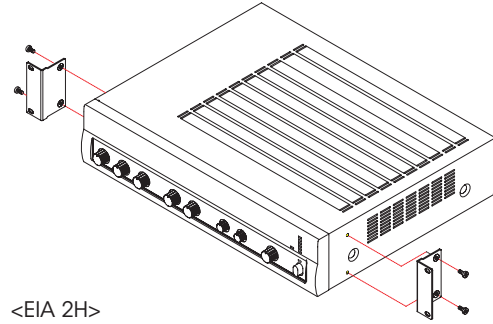
**BKT-A120**

## Application Type



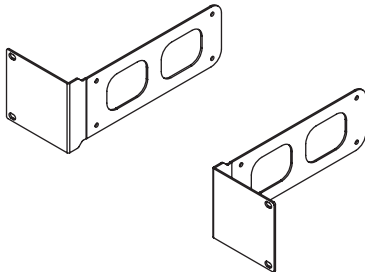
•A-60 / 120

## BKT Ass'y



&lt;EIA 2H&gt;

## Rack Mount Bracket

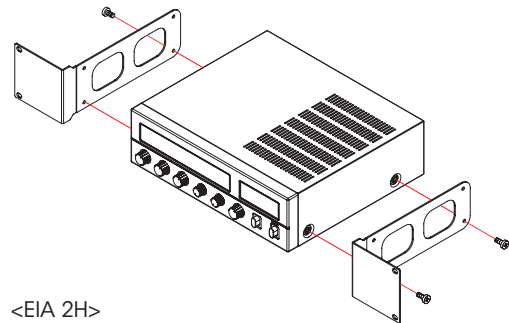
**BKT-PA1000B**

## Application Type



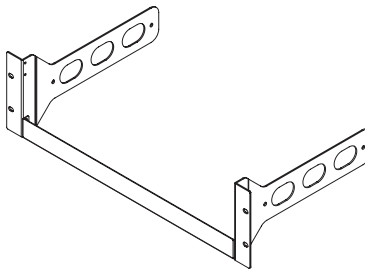
•PA-1000B / 1000BR

## BKT Ass'y



&lt;EIA 2H&gt;

## Rack Mount Bracket

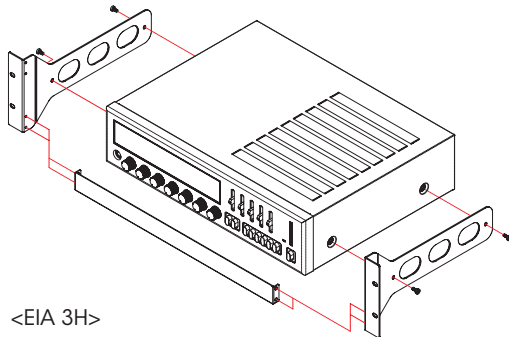
**BKT-PA2000A**

## Application Type



•PA-2000A

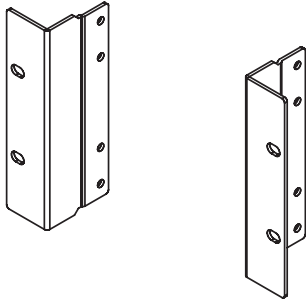
## BKT Ass'y



&lt;EIA 3H&gt;

Rack Mount Bracket

# BKT-PA4000A



Application Type



• PAM-120A / 340A / 480A

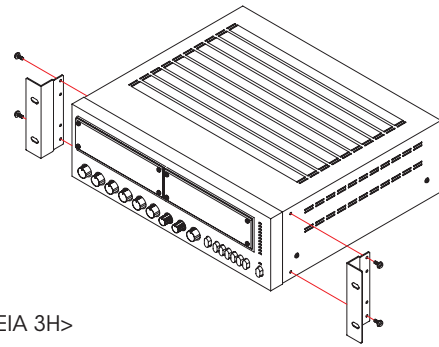


• ACR-120M



• PA-4000A / 6000A

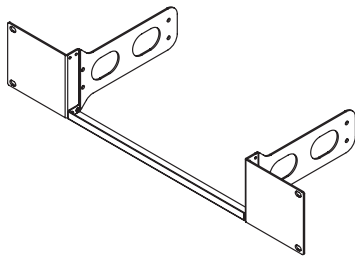
BKT Ass'y



<EIA 3H>

Rack Mount Bracket

# BKT-PA935N

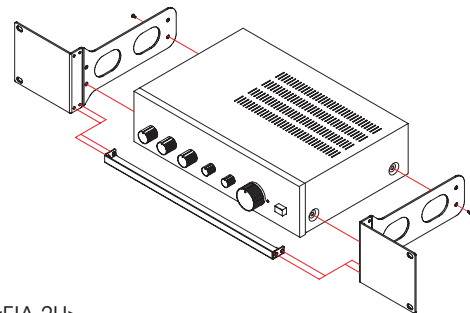


Application Type



• PA-935N

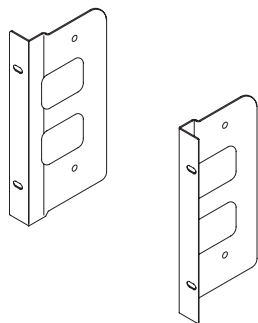
BKT Ass'y



<EIA 2H>

Rack Mount Bracket

# BKT-SYS2240A

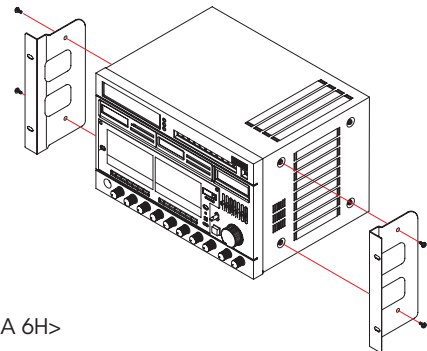


Application Type



• SYSTEM-2240M

BKT Ass'y



<EIA 6H>



PA SYSTEM PRODUCT

SOUND SOURCE

PA COMBINATION PRODUCT

PA MIXER / AMPLIFIER

PA SPEAKER

OTHER PRODUCT

POWER AMPLIFIER

MIXING CONSOLE / SIGNAL PROCESSOR

LOUD SPEAKER

### Rack Mount Bracket

## FSB-1



#### Application Type



•GS-50BT / 50WT

### Rack Mount Bracket

## FSB-2



#### Application Type



•FS-30 / 60 / 100(I), FS-52(I)

### Note



Dynamic Microphone

**MD-110V/510V/710V, NMD-810V, SCM-6000V**



MD-110V

MD-510V

MD-710V

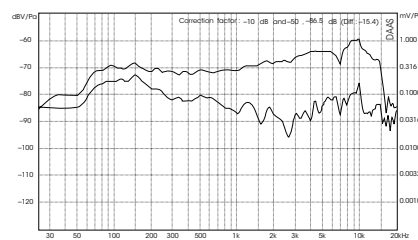
NMD-810V

SCM-6000V

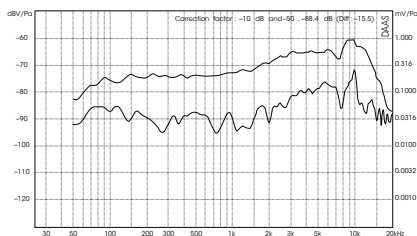
Features



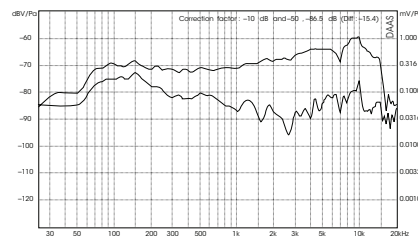
MD-110V



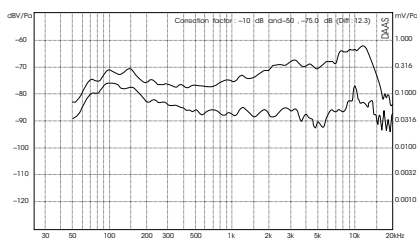
NMD-810V



MD-510V



SCM-6000V



MD-710V

Spec	Unit	MD-110V	MD-510V	MD-710V	NMD-810V	SCM-6000V
Type		Dynamic Microphone				
Frequency Response	Hz	55Hz ~ 16kHz	55Hz ~ 16kHz	55Hz ~ 16kHz	55Hz ~ 17kHz	55Hz ~ 17kHz
Sensitivity	dB	-75dB ±3dB	-75dB ±3dB	-75dB ±3dB	-75dB ±3dB	-73dB ±3dB
Impedance	Ω	600Ω±30%	600Ω±30%	600Ω±30%	600Ω±30%	350Ω±30%
Weight	g	250±10(without cable)	250±10(without cable)	250±10(without cable)	250±10(without cable)	250±10(without cable)
	lb	0.55±0.02	0.55±0.02	0.55±0.02	0.55±0.02	0.55±0.02
Dimensions	mm	ø51 X 174	ø51 X 174	ø51 X 172	ø51 X 174	ø51 X 180
	inches	ø2 X 6.9	ø2 X 6.9	ø2 X 6.8	ø2 X 6.9	ø2 X 7.1

## Dynamic Microphone

# MD-30S/40S/50S

**NEW**

MD-30S



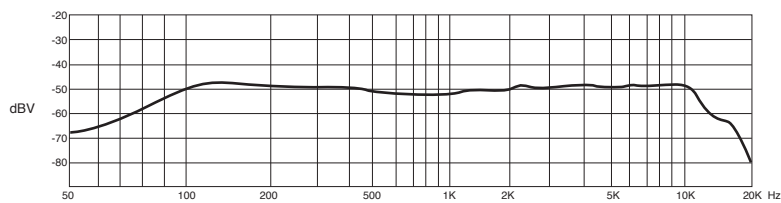
MD-40S



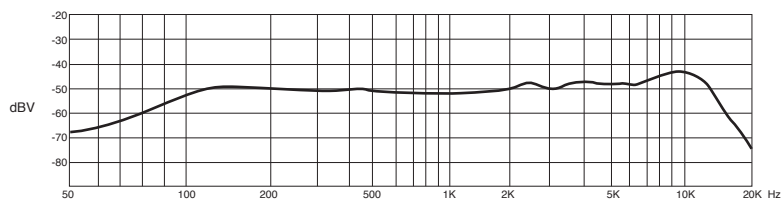
MD-50S

**Features**

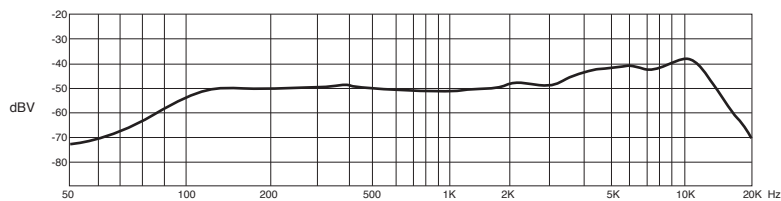
## •Vocal &amp; Speech Microphone



MD-30S



MD-40S



MD-50S

Spec	Unit	MD-30S	MD-40S	MD-50S
Type		Moving Coil Dynamic		
Frequency Response	Hz	70Hz ~ 15KHz	75Hz ~ 16KHz	75Hz ~ 18KHz
Sensitivity	dB	-52dB ±2dB (0dB=1V / 1Pa, 1KHz)	-54dB ±2dB (0dB=1V / 1Pa, 1KHz)	-53dB ±2dB (0dB=1V / 1Pa, 1KHz)
Impedance	Ω	400Ω Balanced	380Ω Balanced	700Ω Balanced
Weight	g	250g ±10g	265g ±10g	280g ±10g
	lb			
Dimensions	mm	174.5mm ±1.5mm	180mm ±1.5mm	174.5mm ±1.5mm
	inches			

Remote Microphones

# RM-01

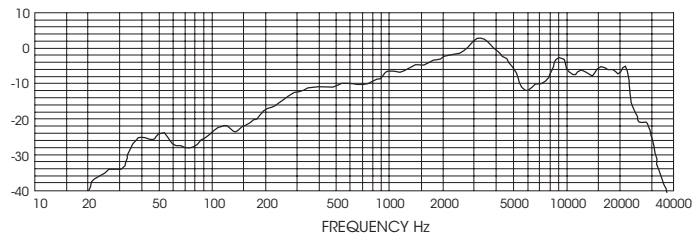


RM-01



**Features**

- Unidirectional dynamic microphone
- Remote chime switch
- Mic on/off switch
- 2 Push buttons for easy operation



Spec	Unit	RM-01
Weight	kg	1.4
	lb	3
Dimensions (W X H X D)	mm	90 X 45 X 133
	inches	3.5 X 1.8 X 5.2

Remote Paging MIC Station

# RM-916

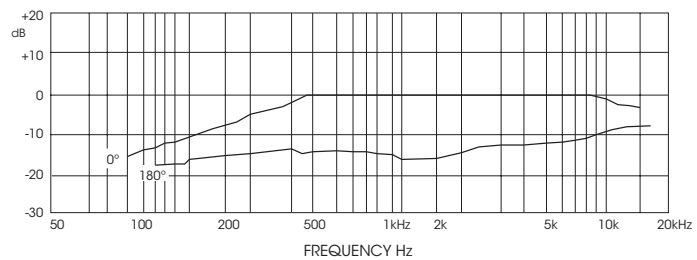


RM-916



**Features**

- Output : Program output (balanced)
- Input : AUX (unbalanced)
- 16 Speaker zone switches
- All call switch, Mute switch
- Multi-tone pre-announcement chime
- Power Source : 24VDC



Spec	Unit	RM-916
Weight	kg	1.2
	lb	2.6
Dimensions (W X H X D)	mm	245 X 60 X 205
	inches	9.6 X 2.3 X 8

## Remote Microphones

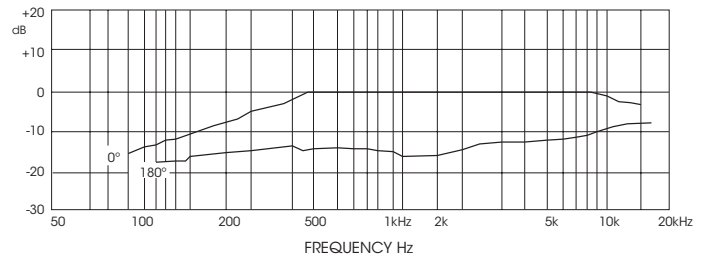
# RMC-01



RMC-01

**Features**

- Unidirectional Condenser microphone
- Remote chime switch
- Mic on/off switch
- 2 Push buttons for easy operation



Spec	Unit	RM-01
Weight	kg	1.4
	lb	3
Dimensions (W X H X D)	mm	90 X 45 X 133
	inches	3.5 X 1.8 X 5.2

## Remote Microphones

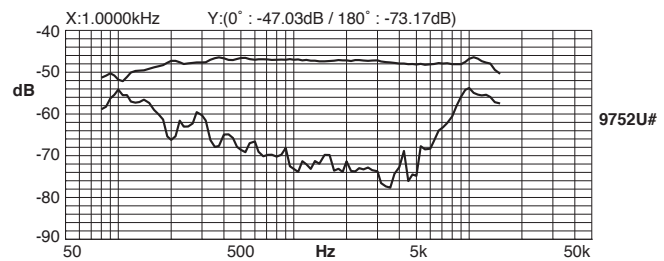
# RMC-01A

**NEW**

RMC-01A

**Features**

- Frequency response of microphone unit is 40Hz to 16,000Hz
- Zn die casting stand decreases touch noise
- RMC-01A is the dedicated remote condenser microphone for AUX and LINE INPUT



Spec	Unit	RM-01A
Weight	kg	1.4
	lb	3
Dimensions (W X H X D)	mm	90 X 45 X 133
	inches	3.5 X 1.8 X 5.2

MIC Stand / Base Stand For RM-01 / MIC Jack Box

# TS-1(B)/FS-2/BS-3/RM-01BS/MJ-01



**TS-1(B)**  
•Square table type stand



**FS-2**  
•Coating way adoption to prevent discoloration and deterioration



**BS-3**  
•Coating way adoption to prevent discoloration and deterioration



**MJ-01**



**RM-01BS**

Note



PA SYSTEM PRODUCT

SOUND SOURCE

PA COMBINATION PRODUCT

PA MIXER / AMPLIFIER

PA SPEAKER

OTHER PRODUCT

POWER AMPLIFIER

MIXING CONSOLE / SIGNAL PROCESSOR

LOUD SPEAKER

Steel Rack Cabinets

# PA-151D/231D/271D/331D/391D



Spec	Unit	PA-151D	PA-231D	PA-271D	PA-331D	PA-391D
Weight	kg	34.2	46.3	51	59.7	71.8
	lb	75.4	102.1	112.4	131.6	158.3
Dimensions (W x H x D)	mm	585 x 885 x 585	585 x 1240 x 585	585 x 1420 x 585	585 x 1685 x 585	585 x 1955 x 585
	inches	23 x 34.8 x 23	23 x 48.8 x 23	23 x 55.9 x 23	23 x 66.3 x 23	23 x 77 x 23

Steel Rack Cabinets

# PR-091(N)A/111(N)A/151(N)A/231(N)A/271(N)A/331(N)A/391(N)A



Spec	Unit	PR-091A	PR-111A	PR-151A	PR-231A	PR-271A	PR-331A	PR-391A
Weight	kg	23	24	32.5	42	47	53	62.5
	lb	50.7	52.9	71.6	92.6	103.6	116.8	137.8
Dimensions (W x H x D)	mm	585 x 508 x 585	585 x 597 x 585	585 x 844 x 585	585 x 1,200 x 585	585 x 1,378 x 585	585 x 1,645 x 585	585 x 1,912 x 585
	inches	23 x 20 x 23	23 x 23.5 x 23	23 x 33.2 x 23	23 x 47.2 x 23	23 x 54.3 x 23	23 x 64.8 x 23	23 x 75.2 x 23
Spec	Unit	PR-091NA	PR-111NA	PR-151NA	PR-231NA	PR-271NA	PR-331NA	PR-391NA
Weight	kg	26.5	27.2	37.7	49.1	55	63.7	73.7
	lb	58.3	59.8	83	108.2	121.3	140.4	162.4
Dimensions (W x H x D)	mm	430 x 315 x 650	520 x 315 x 650	790 x 315 x 650	1,205 x 290 x 650	1,330 x 290 x 650	1,590 x 290 x 650	1,865 x 290 x 650
	inches	16.9 x 12.4 x 25.5	20.4 x 12.4 x 25.5	31.1 x 12.4 x 25.5	47.4 x 11.4 x 25.5	52.3 x 11.4 x 25.5	23 x 64.8 x 23	73.4 x 11.4 x 25.5

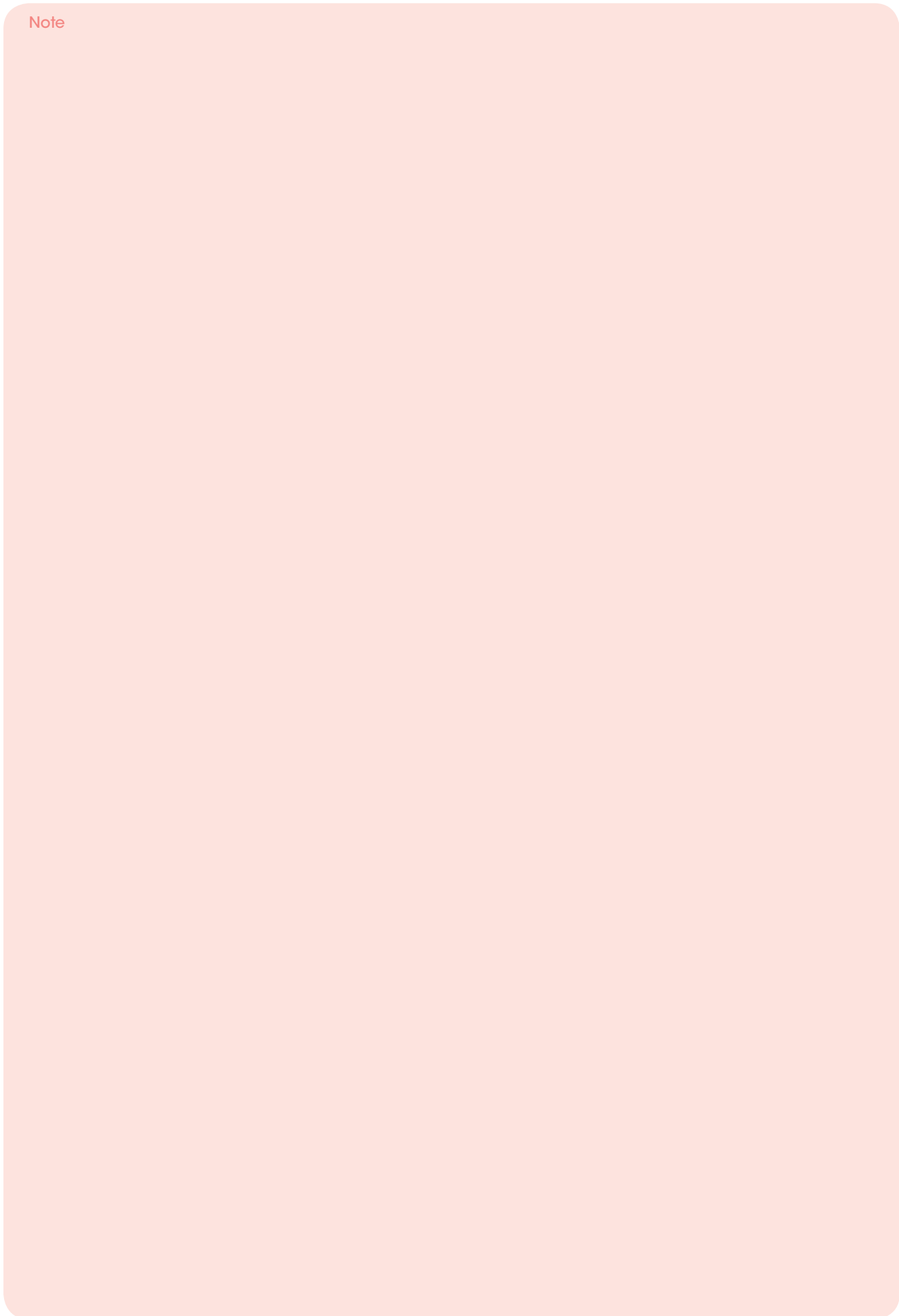
\*A : Assembly \*NA : Non assembly



OTHER PRODUCT/

**interM**

Note





# / POWER AMPLIFIER

Professional Audio Products

[www.inter-m.com](http://www.inter-m.com) **interM**

Professional Power Amplifier

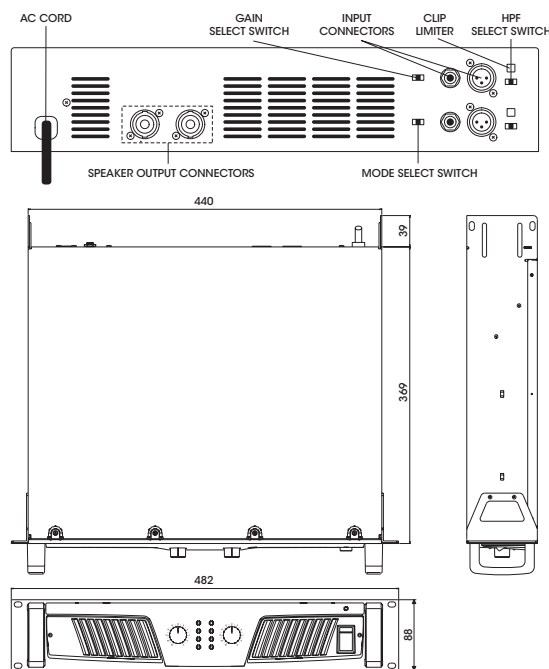
# V2-1000/2000/3000/4000/5000



**Features**

- Compact size ( 2-Rack height)
- Stable SMPS(Switch Mode Power supply) applied for low power consumption and low weight
- Voltage gain available
- High Damping Factor and low T.H.D
- Includes clip limiter to prevent a sound crush
- For better efficiency, 2-step of H-class amp accepted
- Includes protection circuit to prevent a damage of over heat, short and over voltage
- Has 30Hz or 50Hz HPF to protect speaker from low-frequency
- Power source : 100~120V AC or 220~240V AC
- Power consumption : V2-1000 - 380W / V2-2000 - 600W / V2-3000 - 770W / V2-4000 - 870W
- Weight : V2-1000 - 10.7Kg, 23.5lb / V2-2000 - 11.1Kg, 24.5lb / V2-3000 - 12Kg, 26.41lb / V2-4000 - 12.1Kg, 26.6lb / V2-5000 - 13Kg, 28.7lb

**Dimensions**



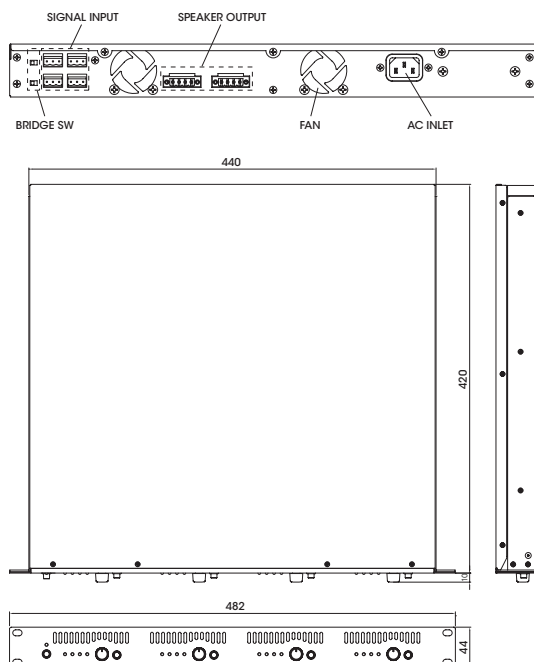
Spec	V2-1000		V2-2000		V2-3000		V2-4000		V2-5000
Rated Power	120VAC	230VAC	120VAC	230VAC	120VAC	230VAC	120VAC	230VAC	120VAC
RL=8Ω @ 0.1% THD (Stereo)	190W	170W	320W	280W	550W	500W	750W	700W	1000W
RL=4Ω @ 0.1% THD (Stereo)	340W	300W	550W	500W	1000W	900W	1300W	1200W	1700W
RL=2Ω @ 0.5% THD (Stereo)	580W	550W	900W	850W	1600W	1500W	2000W	1900W	2500W
RL=8Ω 1kHz @ 0.1% THD (Bridged)	720W	650W	1150W	1000W	2000W	1800W	2600W	2400W	3800W
RL=4Ω 1kHz @ 0.5% THD (Bridged)	1200W	1100W	1900W	1700W	3200W	3000W	4000W	3800W	5000W
Input Sensitivity (Rated Output Power @4Ω)	1V								1.4V
Input Impedance	12 kΩ (Balanced)								
Frequency Response (1W@8Ω)	20Hz~20kHz : ±0.3dB, 5Hz~70kHz : -3dB								
Total Harmonic Distortion (1/3 Power @8Ω)	<0.05%								
Signal to Noise Ratio (20Hz ~ 20kHz, A-Weight)	106dB								
Damping Factor	>380		>450		>400				
Residual Noise (VR Max @8Ω)	<70dB								
Channel Separation (1/2 Power @8Ω)	<70dB								
Voltage Gain (Rated Output Power @4Ω)	30.8dB		33dB		35.8dB		36.8dB		36dB

## Multi Channel Digital Amplifier

# DPA-430L

**NEW****Features**

- a Slim and Compact 1U Rack Size
- Independent SMPS power supply for each channel
- Low power consumption, low heat dissipation and light weight
- LED Indicator - Power, CLIP, Protection
- Protection circuit (over heat, overcurrent, speaker short, DC output)
- Balance Input
- High pass filter switch (-3dB at 65Hz / 400Hz)
- Weight : 9.6kg / 21.2lb
- Dimensions (WxHxD) : 482 x 44 x 420mm / 19 x 1.7 x 16.5in

**Dimensions****Note**

Power Amplifier

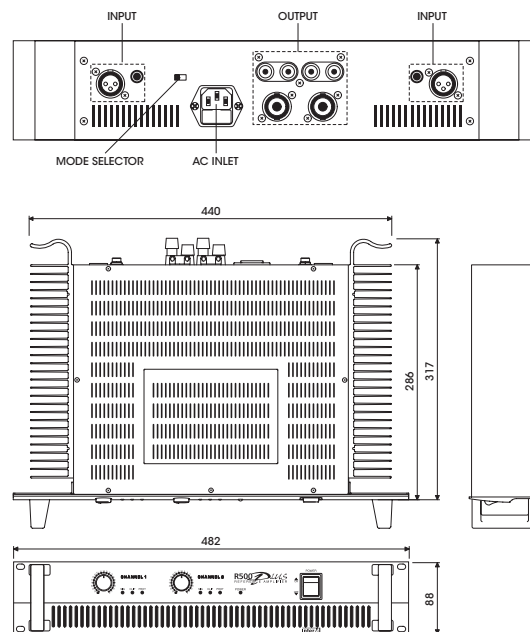
# R150PLUS/300PLUS/500PLUS



**Features**

- Controls :  
Front - Power on/off switch, Attenuator, LED indicator  
Rear - Mode selector switch, Stereo/bridged mono switch
- Connectors :  
Input - 1 XLR, 1/4" balanced per channel  
Output - 5-way binding post and Speakon™ per channel
- Indicators : Power(Green), Protection(Red), Clip(Red), Signal(Green)
- Protection : Turn on delay, Thermal, DC fault, PC limiter
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : R150PLUS - 170W (1.5A)  
R300PLUS - 250W (2.4A) / R500PLUS - 480W (3.9A)
- Weight : R150PLUS - 7.2kg, 15.9lb /R300PLUS - 8.4kg, 18.5lb  
R500PLUS - 10.4kg, 23lb
- Dimension(WxHxD) : 482x88x317mm / 19x3.5x12.5in

**Dimensions**

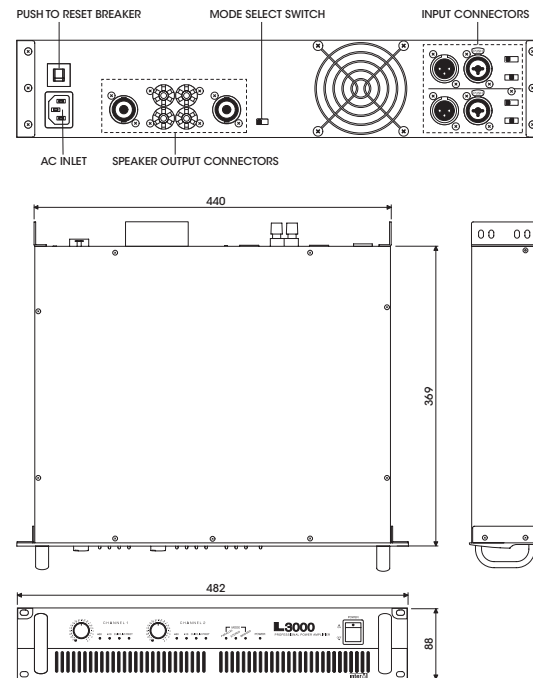


Spec	R150PLUS	R300PLUS	R500PLUS
Rated Power			
at 8Ω @ 0.05 THD (Stereo CH)	50W	100W	170W
at 4Ω @ 0.05 THD (Stereo CH)	75W	150W	250W
at 8Ω @ 0.05 THD (Bridged mono)	150W	300W	460W
at 8Ω @ 0.5 THD (Bridged mono)	170W	330W	500W
Input Sensitivity (8Ω, 1kHz)	0.775Vrms		
Input Impedance	10kΩ (Unbalanced) / 20kΩ (balanced)		
Slew Rate (8Ω, Full Swing)	±3V/μsec		
Frequency Response (±0.5dB)	20Hz~20kHz		
Total Harmonic Distortion (f=20Hz ~ 20kHz, Half Power)	Less than 0.1%		
Signal to Noise Ratio	≥100dB		
Damping Factor (8Ω, 1kHz)	100		
Residual Noise	≤-80dB		
Channel Separation (8Ω, 1kHz)	≥70dB		
Voltage Gain (4Ω)	27dB	30dB	32dB

## Professional Power Amplifier

**L1400/1800/2400/3000****Features**

- Controls : Front - Power on/off switch, attenuator, LED indicators / Rear - Mode selector switch - Stereo/Bridged Mono/ Parallel HPF 50Hz/30Hz/off switch, limiter on/off switch
- Connectors : Input - Combination jack and XLR jack (link) / Output - One 5-Way binding post and one Speakon™ per channel
- Indicators : Power(Blue), Protection(Red), Clip/Limiter(Red), Signal(Green), Mode Selector(Yellow)
- Filters : 30Hz HPF, 50Hz HPF
- Protection : Turn-on delay, thermal, DC fault, PC limiter, RF, Clip-limiter, short circuit, open circuit
- Cooling : Continuously variable speed fan, front to rear air flow
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption (1/8 power,  $R_L=4\Omega$ )  
120VAC : L1400(7A), L1800(8A), L2400(9A), L3000(11A)  
230VAC : L1400(3.5A), L1800(4A), L2400(4.5A), L3000(5A)
- Weight : L1400 - 14.4kg, 31.7lb / L1800 - 15kg, 33lb  
L2400 - 15.6kg, 34.3lb / L3000 - 19.5kg, 39.5lb
- Dimension (WxHxD) : 482x88x369mm / 19x3.5x14.5in

**Dimensions**

Spec	L1400	L1800	L2400	L3000
Rated Power				
$R_L=8\Omega$ @ 0.1% THD (Stereo)	280W	360W	500W	650W
$R_L=4\Omega$ @ 0.1% THD (Stereo)	450W	600W	750W	1000W
$R_L=2\Omega$ @ 0.5% THD (Stereo)	700W	900W	1200W	1500W
$R_L=8\Omega$ 1kHz @ 0.1% THD (Bridged)	900W	1200W	1500W	2000W
$R_L=4\Omega$ 1kHz @ 0.5% THD (Bridged)	1400W	1800W	2400W	3000W
Input Sensitivity (4 $\Omega$ , 1kHz)	2.7dBu	3.5dBu	3.5dBu	3.5dBu
Input Impedance	$\geq 20k\Omega$ (Balance/Unbalance)			
Slew Rate (8 $\Omega$ , Full Swing)	$\pm 20V/\mu\text{sec}$			
Frequency Response ( $\pm 0.5\text{dB}$ )	20Hz ~ 20kHz : $\pm 0/1\text{dB}$ , 5Hz~70kHz : $-3\text{dB}$			
Total Harmonic Distortion ( $f=20\text{Hz} \sim 20\text{kHz}$ , Half Power)	$\leq 0.03\%$			
Signal to Noise Ratio	$\geq 100\text{dB}$			
Damping Factor (8 $\Omega$ , 1kHz)	$\geq 400$			
Residual Noise	$\leq -85\text{dB}$ : ATT min			
Channel Separation (8 $\Omega$ , 1kHz)	$\geq 80\text{dB}$			
Voltage Gain @4 $\Omega$	32dB	33dB	34dB	38.5dB

Quad Amplifier

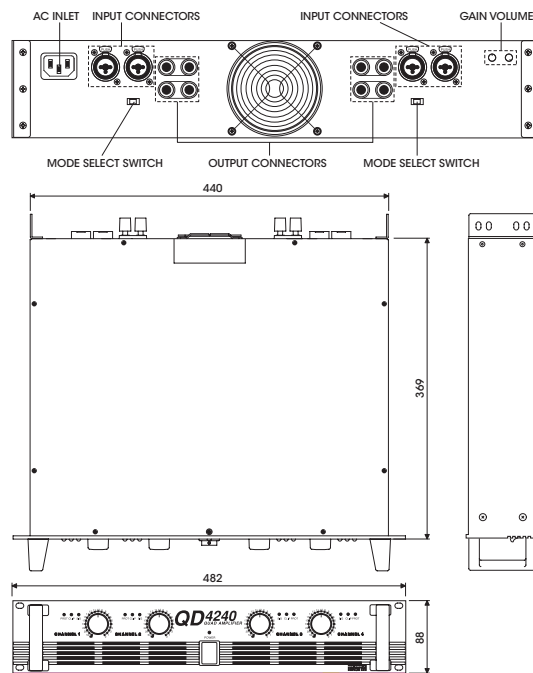
# QD-4240/4480/4960



**Features**

- Controls : Front - Power on/off switch, attenuator, LED indicator / Rear - Mode selector switch : Stereo/bridged, mono/parallel
- Connectors : Input - XLR/1/4" Combination jack  
Output - 5-Way binding post
- Indicators : Power(Red), Protection(Red), Clip(Red), Signal(Green)
- Protection : Turn on delay, Thermal, DC fault, PC limiter
- Fan Speed : 50°C(122°F) ~ 60°C(140°F)  
continuously-variable speed fan
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz  
(supplied AC mains transformer depends on country requirements)
- Power Consumption : QD4240 - 300W / QD4480 - 420W  
QD4960 - 770W
- Weight : QD4240 - 11.5kg, 25.3lb /  
QD4480 - 15.5kg, 34.2lb / QD4960 - 17kg, 37.5lb
- Dimension(WxHxD) : 482x88x369mm / 19x3.5x14.5in

**Dimensions**



Spec	QD4240	QD4480	QD4960
Rated Power			
RL=8Ω @ 0.05% THD (Per CH)	40W	80W	170W
RL=4Ω @ 0.05% THD (Per CH)	60W	120W	240W
RL=8Ω @ 0.05% THD (Bridged mono)	120W	240W	480W
Input Sensitivity (8Ω, 1kHz)	0.775Vrms		
Input Impedance	20kΩ (balanced / Unbalanced)		
Slew Rate (8Ω, Full Swing)	±30V/μsec		
Frequency Response (±0.5dB)	20Hz ~ 50kHz		
Total Harmonic Distortion (f=20Hz ~ 20kHz, Half Power)	RL=8Ω (Quad) - ≤0.05% / RL=4Ω (Quad) - ≤0.07% / RL=8Ω (Bridged) - ≤0.07%		
Signal to Noise Ratio	≥100dB		
Damping Factor (8Ω, 1kHz)	≥100		
Residual Noise	≤-70dB:ATT min		≤-85dB:ATT min
Channel Separation (8Ω, 1kHz)	≥80dB		
Voltage Gain (4Ω)	26dB	29dB	32dB

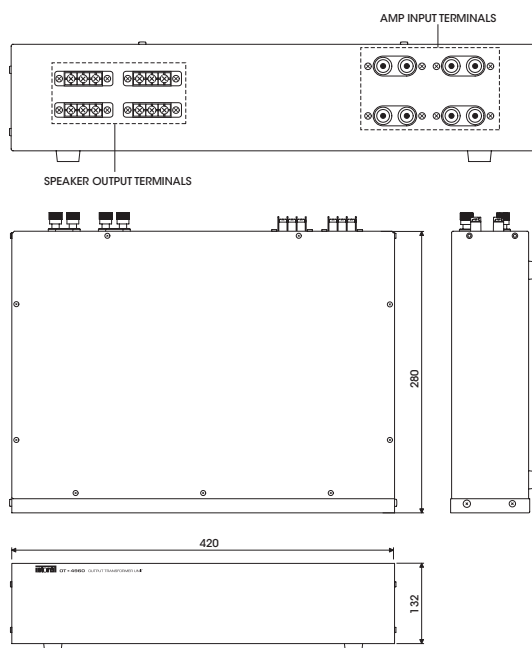


## Output Transformer Units

# OT-4240/4480/4960

**Features**

- OT-4240 / 4480 Transforms the 4 ohm output of the QD4240 / 4480 to 70V or 100V levels for use with high impedance speakers
- Expansion line out for QD-4240 / 4480
- Weight
  - OT-4240 : 11.5kg, 25.3lb
  - OT-4480 : 14.5kg, 32lb
  - OT-4960 : 21.5kg, 47.4lb
- Dimensions (WxHxD)
  - OT-4240/4480 : 420x88x310mm, 16.5x3.5x12.2in
  - 482x88x310mm, 19x3.5x12.2in(with Rack Mount)
  - OT-4960 : 420x132x280mm, 16.5x5.2x11in
  - 482x132x280mm, 19x5.2x11in(with optional rack-mount kit)

**Dimensions**

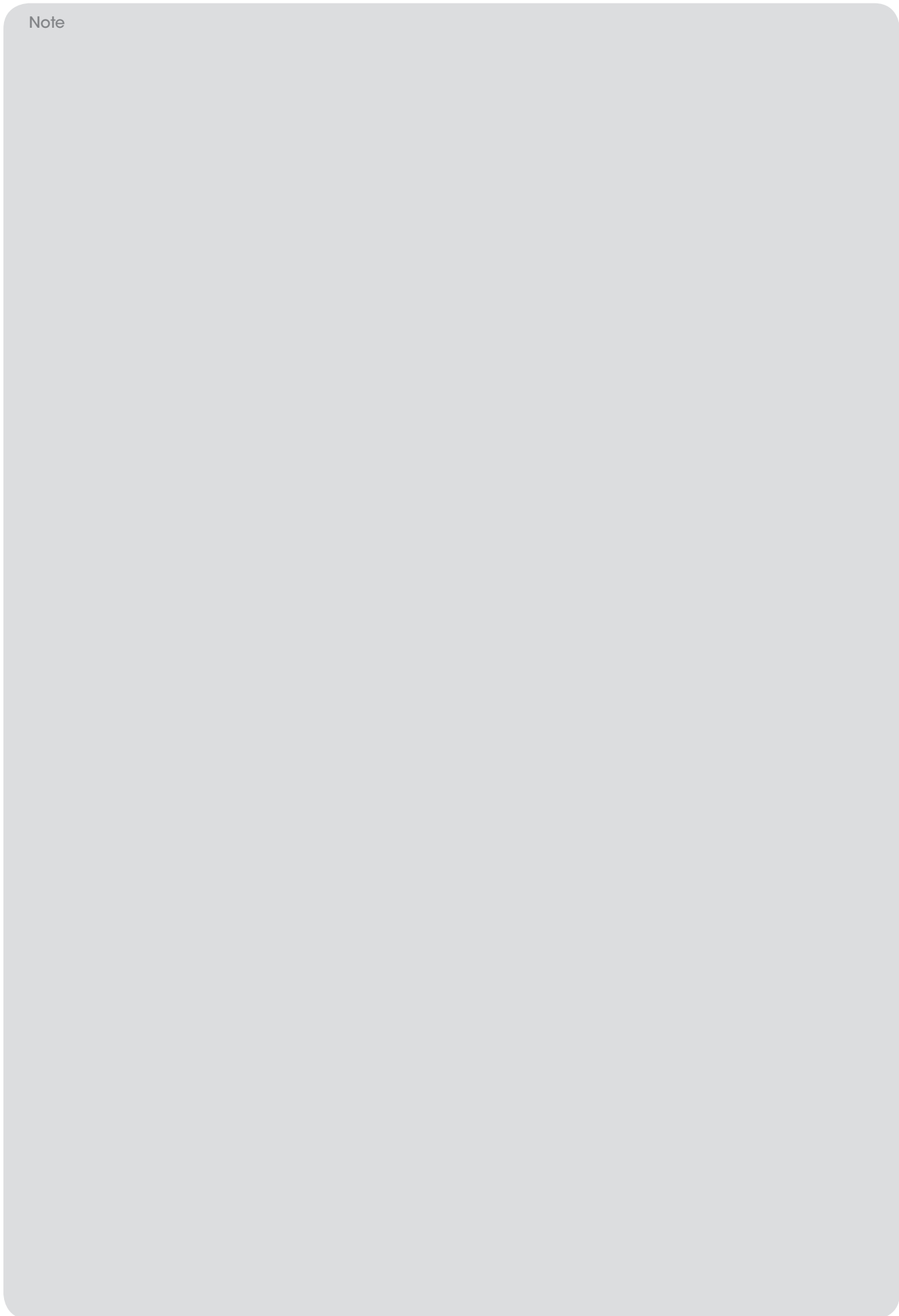
## Note



# POWER AMPLIFIER/

**interM**

Note





# / MIXING CONSOLE SIGNAL PROCESSOR

Professional Audio Products

[www.inter-m.com](http://www.inter-m.com) **interM**



Audio Mixer

# MX-1646

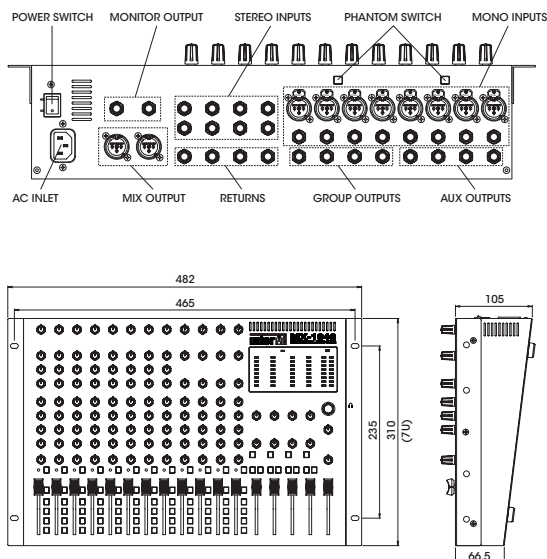
NEW



**Features**

- Input Section : 8 Mono mic/line input, +48V phantom power, 4 stereo line inputs, 2 Returns, Channel equalizer (Mono-3band, Stereo-2band), Pan/Bal, Solo, Bus assignment switches
- Output Section : MIX XLR L/R output, GROUP outputs, 4 AUX outputs, 8-Segment GROUP/MIX/SOLO LED level meters, Headphone and Monitor output
- Power Source : 100~120VAC or 220~240VAC ; 50/60Hz
- Power Consumption : 25W
- Weight : 5.78kg / 12.74lb
- Dimensions (WxHxD) : 482x105x310mm/19x4.1x12.2in

**Dimensions**



Dual-Channel Compressor / Gate

# CLN-200

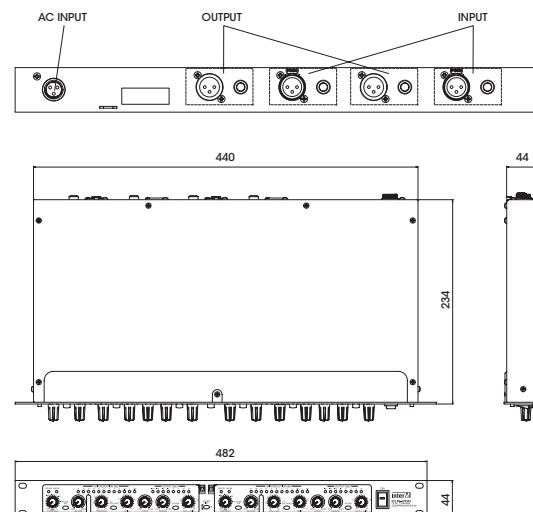
NEW



**Features**

- High quality audio performance for studio and live sound applications
- Hard and Soft Knee dynamic curves
- Threshold, Ratio, Level, Attack, Release controls
- Stereo link switch
- 12 Dot gain Reduction LED meter
- 8 Dot Output LED meter
- Dual noise gate
- Bypass Switch
- Power source : AC adapter (Input : 100~120V AC or 220~240V, Output : AC 17.5V x 2, 500mA)
- Power Consumption : 14W
- Weight : 2.57Kg / 5.6 lb
- Dimensions (WxHxD) : 482x44x234mm / 19x1.75x9.2in

**Dimensions**



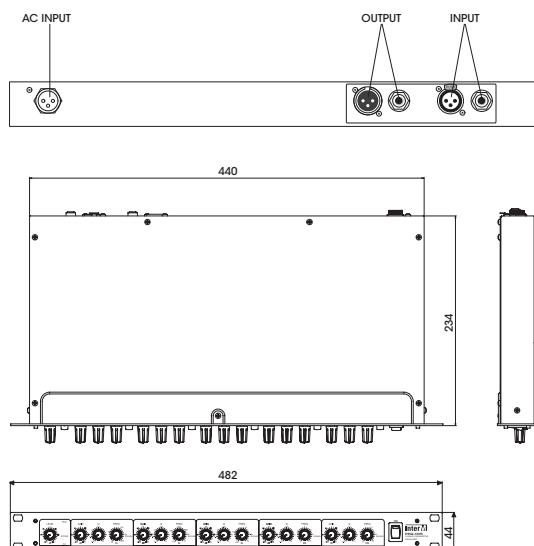
## 5 Band Parametric Equalizer

**PEQ-105**

NEW

**Features**

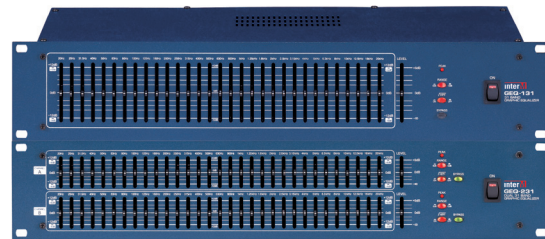
- Output Power : PA-636 - 360W(RMS) < 1% THD,  
PA-648 - 480W(RMS) < 5% THD
- Protection : Thermal, PC limiter
- Balanced XLR input with XLR parallel link-out  
connector
- 400Hz High pass filter
- Ground Selector Switch : Frame / Float
- Adjustable input gain from -12dB to 0dB
- Fan forced-air cooling system
- Automatic two-speed cooling Fan
- Output level indicator LEDs
- Power Source : 100~120VAC or 220~240VAC, 50 /  
60Hz, 24VDC (supplied AC mains transformer  
depends on country requirements)
- Power Consumption :  
PA-636 - 380W / PA-648 - 600W
- Weight : PA-636 - 18.9kg / 41.7lb  
PA-648 - 21.7kg / 47.8lb
- Dimensions (WxHxD) : 482x132x280mm /  
19x5.2x11in

**Dimensions**

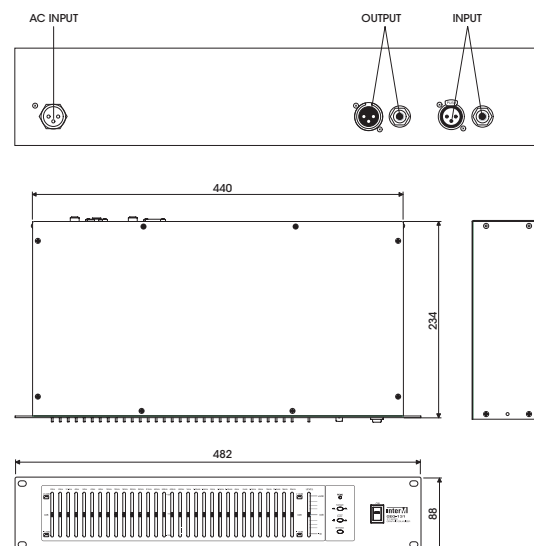
## 31 Band Graphic Equalizer

**GEQ-131/231**

NEW

ROHS  
COMPLIANT**Features**

- Single-channel module featuring five identical  
independent filters
- Independent bypass controls
- Five selectable frequency ranges (20Hz~200Hz,  
100Hz~1KHz, 200Hz~2KHz, 1KHz~10KHz, 2KHz~20KHz)
- Power source : AC adapter (Input : 100~120V AC or  
220~240V, Output : AC 17.5V x 2, 500mA)
- Power consumption : 10W
- Weight : 2.46Kg / 5.4 lb
- Dimensions (WxHxD) : 482x44x234mm / 19x1.75x9.2in

**Dimensions**

Direct Box

# DIB-100

NEW

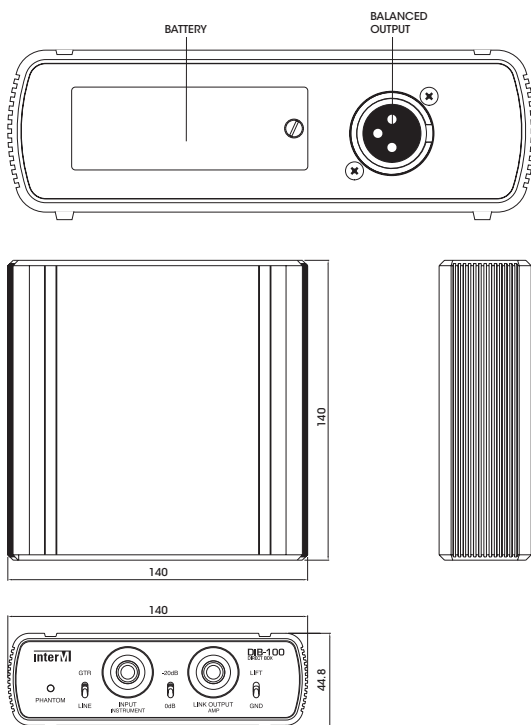
RoHS COMPLIANT



Features

- High impedance FET input
- Runs on 9 V battery or +48V phantom power (Active-Type)
- Contains a high quality transformer for maximum clarity and dependability
- A pad switch to accommodate a high level musical instrument
- Source conversion switch for a simulation of guitar amplifier
- Power Source : Phantom power +48V or 9V battery
- Power Consumption : 8mA
- Weight : 740g / 1.63lb
- Dimensions (WxHxD) : 140x43x140mm / 5.5x1.6x5.5in

Dimensions



Note



## CONA :

Launched in 2009, Creative Outstanding Novel for Artist, CONA is made with Pride of Korea's own self-developed technology. A dependable Sound technology, which many artists can share! Beyond the national best, CONA is aiming the world's Top Brand, from now on.

*CONA made by Inter-M*

# / LOUDSPEAKER

**Professional Audio Products**



Professional Linearray Speaker System

# CLA-8A/18SA/8A FRAME

**NEW**



CLA-8A



CLA-18SA

**Features (CLA-8A)**

- Top quality durable units are applied for excellent sound reproduction performance
- 120° Wide Horizontal Coverage
- Output capability for wide coverage
- Use titanium compression driver
- Integrated rigging system for suspending or ground stack with CLA-18SA

**Features (CLA-8A FRAME)**

- Dedicated for CLA-8A and CLA-18SA either flying or stacked

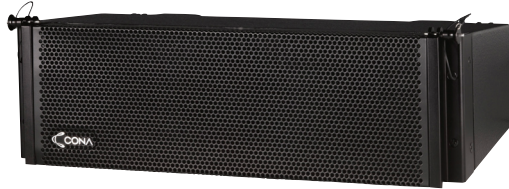
**Features (CLA-18SA)**

- Compact subbase system
- Plywood enclosure of high density
- The highest grade of subwoofer speakers are used to achieve the specific best of the sound
- Integrated rigging system for suspending or ground stack with CLA-8A

Spec		CLA-8A	CLA-18SA
Type		Dual 8" 2-way, bi-amp line array	Compact 18" subwoofer
Frequency Response (-10dB)		80Hz-18kHz	45Hz-300Hz
Transducers	High Frequency	1.4" exit, 75mm voice coil, compression driver with special designed waveguide provides smooth horizontal directivity and vertical line source	18" Woofer
	Low Frequency	Dual 8" woofer with separate chamber	
Power Handling		HF: 75W(AES) / 300W(Peak), LF: 300W(AES) / 1200W(Peak)	600W(AES) / 2400W(Peak)
Sensitivity (1W/1m)		98dB (at 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800Hz average)	100dB
Maximum Output		123dB / 1m	134dB / 1m
Nominal Impedance		HF : 16Ω, LF : 16Ω	8Ω
Recommended Crossover		80Hz, 1680Hz	-
Norminal Dispersion (-6dB)		H : 120deg / V : 10deg	-
Connectors		2x NL4 in parallel, 1+/1-: LF, 2+/2-: HF	2x NL4 in parallel, 1+/1-
Enclosure Material		15mm plywood, black coat	18mm plywood, black coat
Rigging		Integral, side bar adjustable rigging system, vertical splay adjustable in 1deg. Increments from 0-10deg	Integral
Weight (Net / Shipping)		34Kg / 37Kg	42.3Kg / 45.3Kg
Dimensions		800(W) x 518(D) x 268.8(H)mm	800(W) x 672(D) x 523(H)mm



## Professional Linearray Speaker System

**CLA-5/15S/5 FRAME/5 RACK 6/5 RACK 10****NEW**

CLA-5



CLA-15S

**Features (CLA-5)**

- Top quality durable units are applied for excellent sound reproduction performance
- 120° Wide Horizontal Coverage
- Output capability for wide coverage
- Use titanium compression driver
- Integrated rigging system for suspending or ground stack with CLA-15S

**Features (CLA-5 FRAME)**

- Specialized for CLA-5 and CLA-15S either Flying or Stack installation

**Features (CLA-15S)**

- Compact subbase system
- Plywood enclosure of high density
- The highest grade of subwoofer speakers are used to achieve the specific best of the sound
- Integrated rigging system for suspending or ground stack with CLA-5

**Features (CLA-5RACK 6, CLA-5RACK 10)**

- Rack Type System for Amp, Processor, and Connection panel mounting
- Short distance between the Amp and Speaker to minimize cable loss
- Increases Damping Factor by minimized source loss
- Signal Processor allows remote control through Ethernet
- Rack-type Box can save space and achieves aesthetic effect, as well

Spec		CLA-5	CLA-15S
Type		Dual 5" 2-way, bi-amp line array	Compact 15" subwoofer
Frequency Response (-10dB)		125Hz-20kHz	45Hz-350Hz
Transducers	High Frequency	1" exit, 44mm voice coil, compression driver with special designed waveguide provides smooth horizontal directivity and vertical line source	15" Woofer
	Low Frequency	Dual 5" woofer with separate chamber	
Power Handling		HF: 45W(AES) / 180W(Peak), LF: 100W(AES) / 400W(Peak)	450W(AES) / 1800W(Peak)
Sensitivity (1W/1m)		96dB (at 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800Hz average)	98dB
Maximum Output		122dB / 1m	131dB / 1m
Nominal Impedance		HF : 16Ω, LF : 16Ω	8Ω
Recommended Crossover		125Hz, 3450Hz	-
Nominal Dispersion (-6dB)		H : 120deg / V : 10deg	-
Connectors		2x NL4 in parallel, 1+/1-: LF, 2+/2-: HF	2x NL4 in parallel, 1+/1-
Enclosure Material		12/15mm plywood, black coat	15mm plywood, black coat
Rigging		Integral, side bar adjustable rigging system, vertical splay adjustable in 1deg. Increments from 0-10deg	Integral
Weight (Net / Shipping)		11Kg / 12.5Kg	20Kg / 22Kg
Dimensions		562(W) x 311(D) x 189.4(H)mm	562(W) x 510(D) x 520(H)mm

## Digital Signal Processor

# CSP-4.8

**NEW****Features**

- DSP function  
(8band PEQ, 31band GEQ, Delays, Mixer, Input-Compressor, In / Output-Crossover, RMS-Limiter)
- Backlite 2 x 16 character LCD display
- 24 bit, 48kHz delta-Sigma A/D converters with 128 x oversampling
- PC control of the unit through a USB jack
- CSP-Series software
- 1U Rack Size
- Intuitive user interface
- Weight : 4Kg / 8.8lb
- Dimensions (WxHxD) : 483 x 89 x 216mm / 19 x 3.5 x 8.5in

## NOTE

## Professional LoudSpeaker System

**SE-8/10/12/15****NEW**

SE-8



SE-10



SE-12



SE-15

**Features**

- HF driver protection circuit
- 1inch exit high power compression driver
- Mounting pole socket and Flying point (M8)

Spec	SE-8	SE-10	SE-12	SE-15	
Type	Ultra-compact, two-way passive	Compact, two-way passive	Compact, two-way passive	Compact, two-way passive	
Frequency Response	65Hz~18kHz	55Hz~18kHz	40Hz~18kHz	38Hz~18kHz	
Drivers	8" LF driver 1" exit HF compression driver	10" LF driver 1" exit HF compression driver	12" LF driver 1" exit HF compression driver	15" LF driver 1" exit HF compression driver	
Rated Power	100W AES, 400W peak	150W AES, 600W peak	250W AES, 1000W peak	300W AES, 1200W peak	
Sensitivity	93dB(1w/1m)	94dB(1w/1m)	96dB(1w/1m)	97dB(1w/1m)	
Maximum SPL	112dB(1m)	114dB(1m)	117dB(1m)	119dB(1m)	
Nominal Impedance	8Ω	8Ω	8Ω	8Ω	
Crossover Frequency	2500Hz	2300Hz	2150Hz	2000Hz	
Dispersion(-6dB)	75°horizontal, 60°vertical	75°horizontal, 60°vertical	75°horizontal, 60°vertical	75°horizontal, 60°vertical	
Connectors	2 X NL4	2 X NL4	2 X NL4	2 X NL4	
Fittings	3 x M8 / 1 x mounting pole socket	6 x M8 / 1x mounting pole socket	6 x M8 / 1x mounting pole socket	6 x M8 / 1x mounting pole socket	
Weight	13kg / 28.6lb	17.4kg / 38.3lb	22.8kg / 50.3lb	32kg / 70.5lb	
Dimensions (WxHxD)	mm	296 x 460 x 290	362 x 545 x 355	422 x 665 x 415	480 x 736 x 470
	in	11.7 x 18 x 11.4	14.3 x 21.5 x 14	17.4 x 26.2 x 16	19 x 29 x 18.5

## Professional LoudSpeaker System

## SQ-8/10/12/15

NEW



SQ-8



SQ-10



SQ-12



SQ-15

## Features

- HF driver protection circuit
- 1inch exit high power compression driver
- Mounting pole socket and Flying point (M8)
- Multi-angled enclosure design
- Symmetrical Setting Angle(SSA) and Multi Angle Adjuster (MAA) for floor monitor

Spec	SQ-8	SQ-10	SQ-12	SQ-15	
Type	Ultra-compact, two-way passive	Compact, two-way passive	Compact, two-way passive	Compact, two-way passive	
Frequency Response	65Hz~18kHz	65Hz~18kHz	55Hz~18kHz	45Hz~18kHz	
Drivers	8" LF driver 1" exit HF compression driver	10" LF driver 1" exit HF compression driver	12" LF driver 1" exit HF compression driver	15" LF driver 1" exit HF compression driver	
Rated Power	170W AES, 680W peak	280W AES, 1120W peak	380W AES, 1520W peak	480W AES, 1920W peak	
Sensitivity	95dB(1w/1m)	96dB(1w/1m)	97dB(1w/1m)	98dB(1w/1m)	
Maximum SPL	117dB(1m)	119dB(1m)	122dB(1m)	124dB(1m)	
Nominal Impedance	8Ω	8Ω	8Ω	8Ω	
Crossover Frequency	2200Hz	2000Hz	1900Hz	1750Hz	
Dispersion(-6dB)	90°horizontal, 90°vertical	90°horizontal, 90°vertical	90°horizontal, 90°vertical	90°horizontal, 90°vertical	
Connectors	2 X NL4	2 X NL4	2 X NL4	2 X NL4	
Fittings	9 x M8 / 1 x mounting pole socket	9 x M8 / 1x mounting pole socket	13 x M8 / 1x mounting pole socket	13 x M8 / 1x mounting pole socket	
Weight	13kg / 28.6lb	18.5kg / 40.8lb	25kg / 55.1lb	36kg / 79.4lb	
Dimensions (WxHxD)	mm	310 x 470 x 286	360 x 545 x 330	400 x 660 x 380	460 x 735 x 440
	in	12.2 x 18.5 x 11.3	14.2 x 21.5 x 13	15.8 x 26 x 15	18.1 x 29 x 17.3

## Professional LoudSpeaker System

**SB-15A/18A****NEW**

SB-15A



SB-18A

**Features**

- Compact Sub Base System
- Aluminum die-cast frame high power woofer
- Solid Plywood Enclosure
- Mounting pole socket

Spec	SB-15A	SB-18A
Type	Compact, sub-bass system	Compact, sub-bass system
Frequency Response	40Hz-300kHz	35Hz-300kHz
Drivers	15" bass driver	18" bass driver
Rated Power	500W AES, 2000W peak	650W AES, 2600W peak
Sensitivity	98dB(1w/1m)	98dB(1w/1m)
Maximum SPL	124dB(1m)	128dB(1m)
Nominal Impedance	8Ω	8Ω
Crossover Frequency	-	-
Dispersion(-6dB)	-	-
Connectors	2 X NL4	2 X NL4
Fittings	1x mounting pole socket	1x mounting pole socket
Weight	32kg / 70.5lb	42kg / 92.6lb
Dimensions (WxHxD)	mm	470 x 636 x 540
	in	18.5 x 25 x 21.3
		561 x 690 x 605
		22.1 x 27.2 x 23.8

# INDEX/

/PA SYSTEM PRODUCT		
<b>6000 SERIES</b>	ECS-6216P	08
	ECS-6216S, ER-6116	09
	RME-6108, RM-6024 / 6012KP	10
	DIB-6000, MS-6100, MS-6800	11
	PX-6216, ECS-6216MS	12
	EP-6216, PV-6232	13
	PW-6242A, PP-6214	14
	PP-6213, PG-6104	15
	PO-6106, LM-6228	16
	LM-6414, PF-6302	17
	PF-6202, PM-6228	18
	PE-6103, PC-6335	19
	PA-6312 / 6324 / 6336 / 6348, PD-6311	20
	BP-6100 / 6200 / 6300	21
<b>TRANSMISSION</b>	ITX-102 / 108, IRX-102 / 108	22
	FTA / FRA-108S, CT / CR-100M	23
<b>IPC SYSTEM</b>	SI-100	24
	SM-100, SP-100	25
	SR-100 / 100KP, PP-100	26
	FT / FR-100M(S)	27
<b>S-MEDIA SYSTEM</b>	CV-400	28
	HDMS-0808, VHD-300, VSD-300	29
	SB-300, SB-300HD	30
	SB-304HD, S-MEDIA	31
<b>500 SYSTEM</b>	C-500	32
	F-500, V-500	33
	Z-500, A-500	34
	L-500, MB-500, RM-500	35
<b>PX-8000 SYSTEM</b>	PX-8000, RM-8000	36
	LM-8000	37
<b>REFERENCE SYSTEM</b>	IM-300	37
	IMC-300, IMD-300, IMS-300	38
/SOUND SOURCE		
<b>CD</b>	CD-610, CD-611	40
<b>TUNER</b>	TU-610	41

# INDEX/

<b>MODULURE TYPE</b>	PAM-MPM4	41
	PAM-WM, PAM-WHT / WBT	42
<b>/PA COMBINATION PRODUCT</b>		
	PAC 5000	44
	PSI 5120A / 5240A	45
	PCT 610 / 620	46
	SYSTEM-2240G	47
	ACR-120M	48
<b>/PA MIXER / AMPLIFIER</b>		
	MA-106 / 106A	50
	MA-206 / 212 / 224	51
	PAM-510 / 520	52
	PAM-120A / 340A / 480A, RM-05A	53
	PA-935N, PA-1000B / 1000BR	54
	A-60 / 120, PA-2000A / 4000A / 6000A	55
	DPA-430H	56
	DPA-130 / 230DC	57
	DPA-5075M, DM-75	58
	PA-612 / 624 / 636 / 648	59
<b>/PA SPEAKER</b>		
<b>COLUMN</b>	CU-410 / 420 / 430 / 440, CU-510 / 520 / 530 / 540	62
	CU-910(V)/920(V)/930(V)/940(V), CU-920H(V)/940H(V)	63
	CS-810 / 820 / 830 / 840	64
<b>CEILING</b>	CS-3 / 6 / 12	64
	CS-20 / 30 / 80, CS-03 / 03A / 05 / 10	65
<b>APT</b>	APT-01A / 03A, APT-01R, APT-01C / 03C	66
<b>COMMERCIAL</b>	FS-30 / 60 / 100 / 52	67
<b>HORN</b>	H-20, HS-S20 / 20 / 30 / 50 / 30RT / 40RT	67
	CH-510 / 522 / 530 / 532	68
<b>WALL</b>	IWS-10 / 10A	68
	SWS-10 / 10A / 03 / 03A, WS-203(B/I) / 210(B/I) / 230(B/I)	69
<b>/OTHER PRODUCT</b>		

# INDEX/

<b>BLANK PANEL</b>	BP-610 / 620	72
<b>ATTENUATOR</b>	ATT-03 / 30 / BOX	72
<b>BRACKET</b>	BKT-A120, BKT-PA1000B , BKT-PA2000A	73
	BKT-PA4000A, BKT-PA935N, BKT-SYS2240A	74
	FSB-1, FSB-2	75
<b>MIC / STAND</b>	MD-110V / 510V / 710V, NMD-810V, SCM-6000V	76
	MD-30S / 40S / 50S	77
	RM-01, RM-916	78
	RMC-01, RMC-01A	79
	TS-1(B), FS-2, BS-3, RM-01BS, MJ-01	80
<b>RACK CABINET</b>	PA-151D / 231D / 271D / 331D / 391D	81
	PR-091(N)A/111(N)A/151(N)A/231(N)A/27(N)A/331(N)A/391(N)A	81
<b>/POWER AMPLIFIER</b>		
<b>V2 SERIES</b>	V2-1000 / 2000 / 3000 / 4000 / 5000	84
<b>DPA SERIES</b>	DPA-430L	85
<b>R SERIES</b>	R-150PLUS / 300PLUS / 500PLUS	86
<b>L SERIES</b>	L-1400 / 1800 / 2400 / 3000	87
<b>QD SERIES</b>	QD-4240 / 4480 / 4960	88
<b>OT SERIES</b>	OT-4240 / 4480 / 4960	89
<b>/MIXING CONSOLE / SIGNAL PROCESSOR</b>		
	MX-1646, CLN-200	92
	PEQ-105, GEQ-131 / 231	93
	DIB 100	94
<b>/LOUDSPEAKER</b>		
<b>CLA SERIES</b>	CLA-8A / 18SA / 8A FRAME	96
	CLA-5 / 15S / 5 FRAME / 5 RACK 6 / 10	97
	CSP-4.8	98
	SE-8 / 10 / 12 / 15	99
	SQ-8 / 10 / 12 / 15	100
	SB-15A / 18A	101





Inter-M Corp. (IMK)

653-5 Banghak-Dong, Dobong-Ku, Seoul, Korea  
Overseas Sales Team

Tel +82-2-2289-8141~7 | Fax +82-2-2289-8149 | E-mail [overseas@inter-m.com](mailto:overseas@inter-m.com)  
[www.inter-m.com](http://www.inter-m.com)



# INTER-M CATALOGUE







# INTER-M CATALOGUE

Commercial & Professional  
Audio Product

