



The Medusa 3 Series was developed with a clear objective, a Public Address System that was reliable and easy to use. A single box solution suitable for virtually any small-to-medium scale Public Address system application. The Medusa 3 Series consist of the Master Unit with a built in power amplifier making it an extremely easy to deploy standalone PA System. The Master unit is also versatile and provides up to 12-zones coverage. The Master Unit can be expanded with a Slave Unit, increasing the systems amplification power as well as zones up to a maximum of 24-zones. The Medusa 3 Series can be complimented with a Medusa MEI 60 Automatic Evacuation Interface, allowing for a fully automated 'sandwich' (N+1, N, N-1) evacuation with built in message. The Medusa 3 also comes with a built in amplifier monitoring and automatic changeover circuit to switch over the internal Master or Slave power amplifier to an external standby amplifier upon failure. Coupled with a built-in siren and handheld emergency microphone the Medusa 3 Series satisfies the growing need for building evacuation systems.



### **MED 306M / MED 312M**

- Built in 1200W (MED 312M) or 600W (MED 306M) power amplifier.
- Internal amplifier monitoring and standby amplifier changeover.
- Internal amplifier overload protection.
- 12 Zones speaker line outputs (Can be extended to 24 zones with MED 306S)
- BGM broadcast with 4 paging priority levels (Remote Mic, LINE 1, Fire Alarm, Firemen's Mode and Handheld Mic).
- Supports up to 8 MRM 06-S remote microphone.
- Built-in ascending and descending chimes for remote microphone paging.
- Interface with MEI 60 for 12 Zones (N+1, N, N-1) remote zone trigger (Can be extended to 24 Zones with MED 306S).
- Built in siren tone
- Attenuator override trigger output.
- Internal fan.

### **MED 306S**

- Built-in 600W power amplifier.
- Provide 12 zones extension to MED 312M/MED 306M.
- Internal amplifier monitoring & standby amplifier changeover.
- Internal amplifier overload protection.
- Internal fan.



MED 306M



MED 312M



MED 306S

Technical Specifications

	MED 306M	MED 312M	MED 306S
Rated Power Output	600 W at 100 V line	1200 W at 100 V line	600 W at 100 V line
Output Zones	12 Zone	12 Zone	12 Zone
Frequency Response	20 Hz - 20 KHz	20 Hz - 20 KHz	20 Hz - 20 KHz
Input Sensitivity			
Remote Mic	0 dB Balanced	0 dB Balanced	—
Line 1	0 dB Balanced	0 dB Balanced	—
AUX 1 - 3	RCA Connector, -20 dB Stereo	RCA Connector, -20 dB Stereo	—
REC OUT	0 dB Balanced	0 dB Balanced	—
Amplifier Changeover	Built - In	Built - In	Built - In
Protection Circuit	Over current & short circuit protection with resettable fuse	Over current & short circuit protection with resettable fuse	Over current & short circuit protection with resettable fuse
Power Requirement	220 ~ 250 Vac, 50/60 Hz or 24 Vdc, 25 A	220 ~ 250 Vac, 50/60 Hz or 24 Vdc, 50 A	220 ~ 250 Vac, 50/60 Hz or 24 Vdc, 25 A
Dimensions (W x H x D)	430 x 132 x 500 mm	430 x 132 x 500 mm	430 x 132 x 500 mm
Weight	26 kg	39 kg	26 kg
Material & Finish	Mild Steel Casing, Textured Black		

### MEI 60 Automatic Evacuation Interface

The MEI 60 Automatic Evacuation Interface is designed to be used with the MEDUSA 3 and MEDUSA 400P range of products. The unit is designed to be integrated with the fire alarm panel and conduct automated evacuation upon triggered. The unit has internal storage for evacuation messages and can be configured to conduct (N+1, N, N-1) sandwich evacuation procedure or a simple ALL CALL total evacuation. The unit is features 60 dry contact inputs



MEI 60

Technical Specifications

	MEI 60
Connector	RJ45 for communication. Panel feedthrough connector.
No. of Dry Contact	60
Power Requirement	24 Vdc, 0.5 A
Dimensions (W x H x D)	430 x 150 x 44 mm
Weight	1.8 kg
Material & Finish	Mild Steel Casing, Textured Black

### MRM 06-S Remote Microphone

The MRM 06-S Remote Microphone provides 6 loudspeaker zone selection button with ALL CALL, ALL CLEAR and TALK button. LED indicator for chime in progress and ready-to-talk assists the operation of the unit. A BUSY indicator lights when another microphone with higher priority is in use. The remote microphone connects to the MEDUSA controller through a single RJ-45 plug and communicates serially up to 1 km. The system is able to handle up to 8 microphones. The unit comes with a supervisory circuit for fault detection of the unit itself and the communication line.

Technical Specifications

	MRM 06-S
Remote Microphone Input Sensitivity	0 dBV
Frequency Response	100 Hz – 16 kHz
Switches	9 Individual Group Switches,
Maximum Cable Length	1000 meter (Shielded Cable)
Power Requirement	24 Vdc (Regulated) , 0.16 A
Power Consumption	4 W
Connector	RJ45
Weight	0.6 kg
Material & Finish	Mild Steel Casing, Textured Black



MRM 06-S

### MRE 12-S Remote Microphone Extension

The MRE 12-S Remote Microphone Extension provides an additional 12 loudspeaker zone control. The MEDUSA 3 series system is extendable up to a maximum of 24 zones. The unit connects to the main microphone unit for power and communication.

Technical Specifications

	MRE 12-S
Switches	12 Individual Group Switches,
Power Requirement	24 Vdc (Regulated), 0.12 A
Weight	0.6 kg
Material & Finish	Mild Steel Casing, Textured Black



MRE 12-S