



Protecting Your Human Assets During Emergency

MEDUSA 4

Integrated Signal Manager



The Medusa 400P Integrated Signal Manager is a versatile public address pre-amplifier unit based on the key features of the Medusa 3 Series. The Medusa 400P Integrated signal manager comes with a built-in 12 zone line selector and is scalable with external LS12A Line Selectors for a maximum of 60 zones.

The Medusa 400P is designed to be used with external power amplifiers making it a highly scalable suitable for any medium - to - large scale projects. The Medusa 400P can be supplemented by a host of AEX System products such as automatic amplifier changeover unit, Medusa Automatic Evacuation Interface and remote microphones.

- 12 zones speaker line selector (can be extended to 60 zones with LS 12A)
- BGM broadcast with 4 paging priority levels (Remote Mic, LINE1, Fire Alarm, Firemen's Mode, Handheld Mic.)
- Supports up to 8 MRM 06-S remote microphone
- Built-in ascending & 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 60 zones with LS 12A)
- Built-in siren tone
- Attenuator override trigger output





MED 400P

Technical Specifications

MED 400P	
Output Zones	12 Zone
Frequency Response	20 Hz - 20 KHz
Input Sensitivity	
Remote Mic	0 dB Balanced
Line 1	0 dB Balanced
AUX 1 - 3	RCA Connector, -20 dB Stereo
REC OUT	0 dB Balanced
Protection Circuit	Over current & short circuit protection with resettable fuse
Power Requirement	24 Vdc, 0.5 A
Dimensions (W x H x D)	430 x 87 x 200 mm
Weight	5.0 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 system is extendable up to a maximum of 60 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