



MICORUS



240W VOICE EVACUATION AMPLIFIER EXTENTION UNITE

MC-EVA-240E





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DESCRIPTION

The MC-VEA-240E voice evacuation router is one of the most important equipments of EN54-16 certified public address & voice evacuation system. The all in one voice alarm & evacuation router with same features of voice evacuation controller EVAC-240E which includes zone paging controller, all main signal line monitoring, amplifier changeover, speaker line supervision, power supply monitoring and power amplifier and fire alarm interface, while all main signals are feed from the master controller. The voice evacuation router is innovated with most advanced DSP (digital signal processor) to ensure its hi-fi audio performance and superior signal processing in case of commercial announcement and emergency evacuation. Each router built-in 6 zone speaker outputs, rated power output at 500W. The voice evacuation router shall be pre-set through the supplied software over microphone number, zone number, zone loading, speaker monitoring, fire alarm mode, alert/EV AC message zone output, AC/DC etc, then synchronized the setting to master controller and router. The voice evacuation system is strictly follow the Construction products Regulation (EU) No 30 5/20 11: EN54 -16:2008 Voice Alarm Control and Indicating Equipment.
















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FEATURES



-  **EN54-16 STANDARD .**
-  **DIGITAL VOICE EVACUATION SYSTEM ALL IN ONE ROUTER.**
-  **INTEGRATION OF VOICE EVACUATION ROUTER, ZONE PAGING CONTROLLER, ALL MAIN SIGNAL LINE MONITORING, AMPLIFIER CHANGEOVER, SPEAKER LINE SUPERVISION, POWER SUPPLY MONITORING AND POWER AMPLIFIER AND FIRE ALARM INTERFACE.**
-  **SAME FEATURES OF MASTER CONTROLLER MC-EVA-240E WHILE ALL MAIN SIGNALS ARE FEED FROM THE MASTER CONTROLLER**
-  **AUTO BROADCASTING EVAC AND ALERT 256 VOICE MESSAGES TO PRE-SET ZONES.**
-  **AB SPEAKER LINE SURVEILLANCE TO AVOID ANY SPEAKER LINE FAILURE.**
-  **BACK-UP POWER AMPLIFIER MANAGEMENT.**
-  **UP TO 120 ZONES BY CASCADED WITH MASTER CONTROLLER MC-EVA-240E.**
-  **REDUNDANT NETWORK CABLING BACKUP THROUGH CAT6 CABLE LOOP CONNECTION.**
-  **8 SUPERVISED CONTROL INPUTS & 8 CONTROL OUTPUTS, 1 FAULT, 1 RESET & 1 EVAC RELAY OUTS.**
-  **LOGS AND FAULT EVENTS AUTO RECORDING.**



TECHNICAL SPECIFICATIONS

– SYSTEM SPECIFICATIONS

Rated Power Output		240W
Frequency Response		80Hz ~ 20kHz
THD		< 1% at RMS, 1KHz
Signal-to-Noise Ratio (S/N)		> 70dB
Power Consumption		300W
Power Supply		AC230V or 115V & 24V DC inputs, 50–60Hz
AC Fuse		250V / 6.3A, slow type and restorable fuse

– AUDIO INPUTS & OUTPUTS

Fireman Microphone		5mV, 600Ω
Speaker Output		100V AB 6 zone speaker outputs
REC Output		200mV

– CONTROL & SYSTEM FEATURES

Control Input & Output		8 control inputs: Max 3.3V or 0V closed contact 8 control outputs: 0V closed contact Includes: 1 fault, 1 reset & 1 EVAC relay outputs
Event Record		Includes Up to 1000 records 10 years retention
HEX format Hard flash memory		

– ENVIRONMENT & PHYSICAL

Operation Temperature		+5°C ~ +40°C
Storage Temperature		-20°C ~ +70°C
Humidity		< 95%
Dimensions		484 × 132 × 449 mm
Weight		23kg

POWER INPUT & SWITCH TRIGGER OUTPUTS TRIGGER INPUTS ETHERNET INTERFACE

