

# EVACPRO-G2

## SOUND OF SAFETY



### EVACPRO : 16 Zone Voice Alarm controller with built-in USB, MP3, AM/FM player, SD Card and 16 zone paging station

The Local Control Panel is a 16 speaker circuit digital voice alarm controller which includes a digital signal processor, audio storage for pre-recorded messages, and control, fire alarm input, loudspeaker output connection terminals and audio source connection ports for auxiliary inputs.

The Local Control panel is the interface between field devices such as loudspeakers and local audio sources. EVACPRO-G2 is a cost effective solution for requirements less than 16 loudspeaker circuits(zones). The unit has 16 emergency inputs (15 Zone wise & 1 for all zones) and 16 loudspeaker circuits (zones). The unit also can store and play prerecorded emergency messages to alert or evacuate the fire zones.

Emergency Voice Alarm – General Description Emergency Voice alarm systems shall be installed in public places based on the norms released by the international and local authorities having jurisdiction. Public places may be high-rise buildings with commercial or residential use, shopping malls, subway stations, train stations, hospitals, schools etc. The prime objective of the system shall be to broadcast evacuation or alert messages to all the zones, in the event of an emergency. The system is able to receive information from Fire Alarm Panels, and play automated messages in order to ensure the safe evacuation of people.

Activation of pre-recorded emergency audio files broadcasting will suspend all low priority operations such as background music or commercial announcements.

## FEATURES AND BENEFITS

- 16 Zone voice alarm controller with PTT Mic
- 16 Zone Paging system with pre-recorded messages for voice evacuation
- Simple integration with fire Alarm panels to automatically activate 15 zones independently or 16 Zones collectively pre-recorded announcement (evacuation) through potential free contact closure.
- Built-in Media Player with USB reader (MP3/WAV/FLAC), Bluetooth V5.0, FM Radio functions, SD CARD
- 1 line input
- PTT microphone provides mix and emergency paging output modes
- Provides 16 broadcast zone output function, the peak power of each zone 1000W, and the total power of all 16 zones is 2000W
- Pre-recorded Evacuation messages (Customizable)
- 19" 2U rack mount type

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## TECHNICAL SPECIFICATIONS

Microphone input	4 Pin DIN Condenser type with N/C contact
Remote Paging Microphone with zone selection	Signal Input frequency range : 50Hz to 18 KHz Signal Input Sensitivity : 10mV/Pa Communication : RS485 Transmission distance 300 Mts
PTT Microphone Frequency Response	20Hz to 20 KHz
Call station connection	RJ45 (3 inputs)   Audio signal analog 100Hz to 15 KHz   Two way Digital Communication between call station and controller - RS485   Communication distance 300 m
Line Input	300mv
Line Output	Balanced and unbalanced through phoenix connector - 1.2 V
Constant Voltage Input	70/100 Volt   1000 Watts x 2 inputs
Frequency Response	20Hz to 20 KHz
Total Harmonic Distortion (THD)	0.01%
Signal to Noise Ratio (SNR)	>80dB
Automatic Evacuation Activation	15 independent zones + 1 port for all zones phoenix connector Potential free contact closure from fire panel   Pre-recorded message (customizable)
Built-in Media Player	USB/SD Card reader - MP3/WAV/FLAC   Bluetooth v5   FM Tuner
Power Supply	Mains 210~240 Volts AC 50Hz   80 watts
Dimension	540 X 577 X 250 mm
Weight	10.6Kg
Angle Of View	H: 87.3°, V: 56.5°

## BACK PANEL



## ITEMS IN THE BOX

Evacpro-G2		Evacpro-Mic	
Evacpro Controller		Evacpro Mic	1
Power Cable		Power Adaptor for Mic	1
CAT 6 Cable		Card Remote for Media Player	1
User Manual		User Manual	1

### For more information,

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