# 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

**Honeywell**

## 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<br>Signal Input Sensitivity : 10mV/Pa<br>Communication : RS485<br>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,**
www.honeywellbuildings.in
Call: 000-8000-502167
Email: HBT-IndiaBuildings@Honeywell.com

**Honeywell HBT India Buildings**
Unitech Trade Center, 5th Floor, Sector-43,
Block C, Sushant Lok Phase - I,
Gurgaon - 122 002.

**www.honeywell.com**

THE
FUTURE
IS
WHAT
WE
MAKE IT

**Honeywell**