



EVACLITE : 8 Zone Voice Alarm controller with built-in USB, MP3, AM/FM player and 8 zone paging station

Key Features

- 8 Zone voice alarm controller
- 8 Zone Paging system with pre-recorded messages for voice evacuation
- Adopts LCD screen for easy operation
- Simple integration with Fire Alarm Panels to activate EVAC/ALERT pre-recorded messages.
- Built-in MP3 (USB) and FM/AM functions
- Built-in loudspeaker for performing broadcast monitoring, with special monitoring volume control
- 1 line input
- 1 microphone input, provides mix and emergency paging output modes.
- Provides 8 broadcast zone output function, the peak power of each zone is 400W, and the total power of the all 8 zones is 1000W
- 1 alarm activation input
- 19" 2U rack mount type

EVACLITE includes 2 components: **1.** Local control Panel
2. Paging station

The Local Control Panel is a 8 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.

EVACLITE is a cost effective solution for requirements less than 8 loudspeaker circuits (zones). The unit has 1 emergency input and 8 loudspeaker circuits (zones). The unit also can store and play pre recorded emergency messages to alert or evacuate the fire zones.

Emergency Voice Alarm – General Description

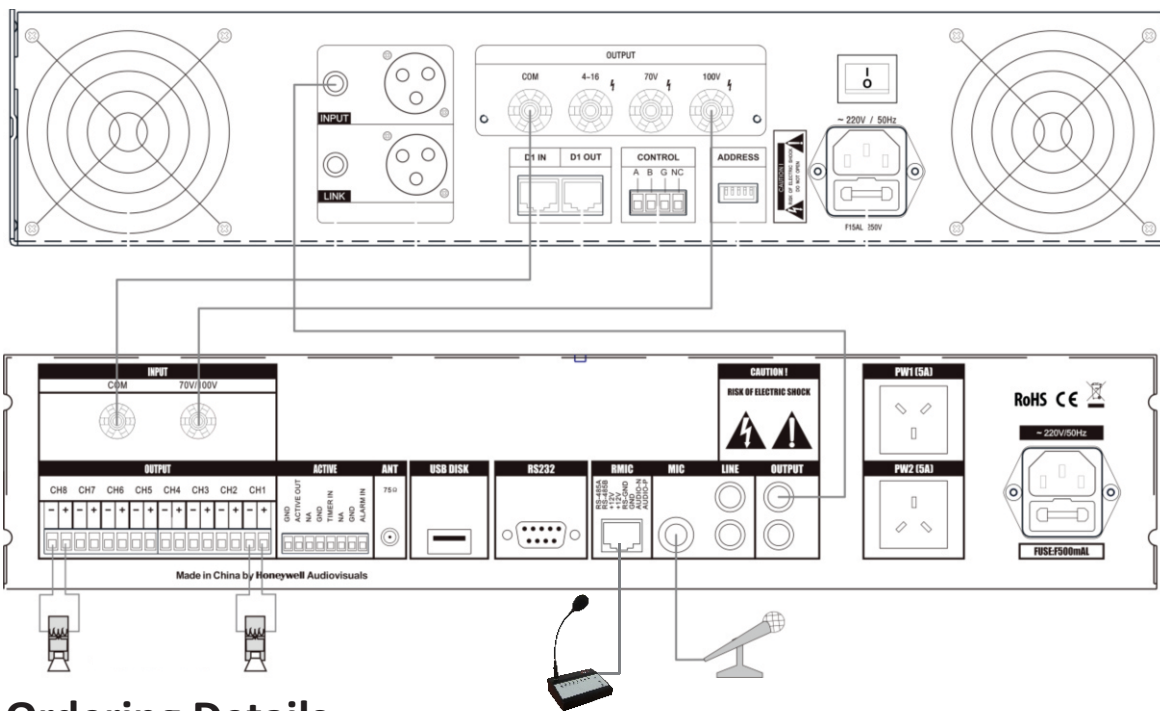
Emergency Voice alarm systems shall be installed in public places based on the norms released by the international and local authorities having jurisdiction. Public places may be high-rise buildings with commercial or residential use, shopping malls, subway stations, train stations, hospitals, schools 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 also should be 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. The Emergency Voice alarm system must be capable of broadcasting clear messages to lead occupants to a safe area as per the building design. For achieving the same, high quality audio broadcasts with sequential automated and/or manual operations are required

Product Specifications

Parameter	Value	Parameter	Value
Line Input	10K Ohms 775mV, unbalanced	Alarm Activation Output	0V Short Circuit Signal
Microphone Input	600 Ohms 10mV, unbalanced	Power Output Capability	5A
Remote Paging Microphone with zone selection	Signal Input frequency : 100Hz~10KHz Signal Input Sensitivity : 5V RMS Communication : RS485 mode Transmission distance : 300m	Constant Voltage Input	100V, 70V
Line Output	775mV	Subarea Channel Power	≤400W (single channel, Total power≤1000W)
Frequency Response	20Hz~20KHz	Frequency Range	FM : 87.5MHz ~ 108MHz AM : 531KHz ~ 1710KHz
Total Harmonic Distortion(THD)	<0.01% at 1kHz	Power Supply Voltage	AC 220V ± 10% 50/50Hz
Signal Noise Ratio(S/R)	>70 dB	Rated Power	20W
Alarm Activation Input	0V Short Circuit Signal	Packing Dimension (W×H×D)	540 X 577 X 250 mm
Timing Activation Input	0V Short Circuit Signal	Gross Weight	10.6Kg

Schematic Drawing of EVACLITE, application example in a traditional broadcast system



Ordering Details

a. Model Number : EVACLITE PKG

b. Package Contents

No.	Item	Quantity
1	EVACLITE Controller	1
2	Remote Paging Microphone	1
3	Cat 5 Cable	1
4	75 Ω Telescopic Antenna	1
5	USB Stick	1
6	Power Cable	1
7	User Manual	1

c. Contact Details

Toll Free Number : 1-800-103-0339