



FG901SHD_AP

Optical and thermal detector with short circuit isolator

It ensures an analysis of air condition and temperature of the protected area, and immunity to false alarms. The 360° visible LED with three different colours signals a condition of alarm (red), fault (yellow) and localization (green). Each detector is provided with an integrated isolator circuit, that automatically takes action in case of need.

The address can be programmed by means of the programmer or with the addressing function of FIREGUARD smoke detection panels.

It is provided with tools for base numbering and locking pin against unwanted removal.

Features

- Low profile thermal and thermovelocimetric smoke detector to be combined with FG901DB_AP
- Thermovelocimetric function at 58°C
- Thermal function at 78°C
- Built with multicolored plastic material, modern design.
- It can be programmed to operate at 58°C or 78°C
- Built with ABS plastic material with stabilized UV,
- Modern and compact design, low aesthetical impact
- Integrated self adapting function, to suit environmental changes
- Remote LED control option
- Power supply: 18-35V
- Average current consumption: 90 µA
- IP40 degree of protection
- Maximum current consumption remote LED: 15mA
- Operating temperature: -30°C + 70°C
- Max humidity: 95% non-condense
- Height: 48mm with base
- Diameter: 92mm
- Weight with base: 120g

FG901SHD1_AP

Thermal and thermovelocimetric detector with short circuit isolator

It ensures the analysis of the air temperature of the protected area and immunity to false alarms. The 360° visible LED with three different colours signals a condition of alarm (red), fault (yellow) and localization (green).

Each detector is provided with an integrated isolator circuit, that automatically takes action in case of need. The address can be programmed by mean of the programmer or with the addressing function of FIREGUARD smoke detection panels.

It is provided with tools for base numbering and locking pin against removal.

Features

- Low profile thermal and thermovelocimetric smoke detector to be combined with FG901DB_AP
- Thermovelocimetric function at 58°C
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- IP40 degree of protection
- Maximum current consumption remote LED: 15mA
- Operating temperature: -30°C + 70°C
- Max humidity: 95% non-condense
- Height: 48mm with base
- Diameter: 92mm
- Weight with base: 120g

FG901SD1_AP

Optical detector with short circuit isolator

It ensures an analysis of air condition of the protected area, and immunity to false alarms. The 360° visible LED with three different colours signals a condition of alarm (red), fault (yellow) and localization (green).

Each detector is provided with an integrated isolator circuit, that automatically takes action in case of need. The address can be programmed by mean of the programmer or with the addressing function of FIREGUARD smoke detection panels. It is provided with tools for base numbering and locking pin against unwanted removal.

Features

- Low profile optical smoke detector to be combined with FG901DB_AP
- Built with ABS plastic material with stabilized UV,
- Modern and compact design, low aesthetical impact
- Integrated self adapting function, to suit environmental changes
- Remote LED control option
- Power supply: 18-35V
- Average power consumption: 90 µA
- IP40 degree of protection
- Maximum current consumption remote LED: 15mA
- Operating temperature: -30°C + 70°C
- Max humidity: 95% non-condense
- Height: 48mm with base
- Diameter: 92mm
- Weight with base: 120g



FG901MCP_AP

Addressable call point

Activation is signaled with a red led and glass break effect, the call point can be reset with the provided key.

Each call point is provided with integrated short circuit isolator that automatically takes action in case of need.

The address can be programmed by means of the programmer or with the addressing function of FIREGUARD smoke detection panels. It is provided with tools for base numbering and locking pin against unwanted removal.

Features

- Provided with integrated isolator circuit
- Red color led
- Flush-mounted installation tool included
- Power supply: 18-35V
- Average current consumption: 120 µA
- LED current consumption: 6mA (24V-line)
- Operating temperature: -20°C + 65°C
- Max. humidity: 95%
- Dimension: 87x87x54 mm
- Max. Cable cross section 2.5 mm



“The **FG901MCP_AP** is equipped with an integrated short-circuit isolator. This means that in the event of a failure on a loop or on a single device, communication with the devices themselves is not interrupted.”

FG-901PR_AP

WIRELESS HAND PROGRAMMER

The FG901PR_AP Unit allows to Program and display on the touch screen, the various stored parameters In Analog Devices Fire Read and set an analog address of a device, Read analog values and values of “dirty” Read the firmware version of a device Under Development: In next phase user would be able to interface to the programmer a Wired loop to analyze Earth Foul / Loop Cut / Voltage Level / Signal QualityAutodressing Future Development: Wireless Programming FG901PR_AP will be the first Wireless Hand programmer in the world.

Features

- Touch screen
- Wireless handheld programmer
- Pre stored parameters



“The **FG901PR_AP** first wireless hand programmer in the world.”



“The new series of analogue sensors of the FG901 DETECTOR range constantly monitor the fire alarm condition.”



FG901SI_AP

Addressable sounder EN54 3 with short circuit isolator

Sound emission can be manually adjusted on the sounder itself.

At the moment of activation, groups of sounders can be synchronized.

Each sounder is provided with integrated isolator circuit, that automatically takes action in case of need. Addresses can be programmed by means of the programmer or with the addressing function of FIREGUARD smoke detection panels.

Features

- Red plastic enclosure
- Provided with integrated isolator circuit
- Power supply: 19-30Vdc (per EN 54-3)
- Average power consumption: 120 µA
- Current consumption with operating sounder: 5-7mA (24V- line)
- Sounder output: 80 - 100dB
- Initiation tripping time: 2 sec
- IP degree: IP65
- Max. Cable cross section 2.5 mm2
- Operating temperature: -10°C /+55°C
- Max. humidity.: 85% non condensing
- Dimensions: diameter 100mm height 92mm
- Weight: 190g



FG901SFI_AP

Addressable sounder EN54 3 with flashing light and short circuit isolator

Sound emission can be manually adjusted on the sounder itself.

At the moment of activation, groups of sounders can be synchronized.

Each sounder is provided with integrated isolator circuit, that automatically takes action in case of need. Addresses can be programmed by means of the programmer or with the addressing function of FIREGUARD smoke detection panels.

Features

- Red plastic enclosure
- Provided with integrated isolator circuit
- Power supply: 19-30Vdc (for EN 54-3)
- Average power consumption: 120 µA
- Current consumption with operating sounder: 5-7mA (24V- line)
- Sounder output: 80 - 100dB
- Initiation tripping time: 2 sec
- IP degree: IP65
- Max. Cable cross section 2.5 mm2
- Operating temperature: -10°C /+55°C
- Max. humidity.: 85% non condensing
- Dimensions: diameter 100mm height 92mm
- Weight: 190g



FG901SFI23_AP

Addressable sounder with flashing light EN54 3 and 23 and short circuit isolator

Sound emission can be manually adjusted on the sounder itself.

At the moment of activation, groups of sounders can be synchronized.

Each sounder is provided with integrated isolator circuit, that automatically takes action in case of need. Addresses can be programmed by means of the programmer or with the addressing function of FIREGUARD smoke detection panels.

Features

- Red plastic enclosure
- Provided with integrated isolator circuit
- Power supply: 19-30Vdc (for EN 54-3)
- Average power consumption: 120 µA
- Current consumption with operating sounder: 30mA (24V- line)
- Sounder output: 80 - 100dB
- Initiation tripping time: 2 sec
- IP degree: IP65
- Max. Cable cross section 2.5 mm2
- Operating temperature: -10°C /+55°C
- Max. humidity.: 85% non condensing
- Dimensions: diameter 95mm height 125mm
- Weight: 305g



FG901SB_AP

AVBASE Loop Power Sounder Base

FG901SB_AP Base Sounder operate over a wide input voltage range of 16 to 40V DC. The conventional range of detector base sounders are available in a standard 32 tone version in white with locally controllable output levels to enable the sound intensity to be adjusted to suit the application. This arrangement provides an extremely low-profile unit which is unobtrusive and protrudes only 28mm from the wall. The distinctive low-profile shape is acoustically very efficient, producing an omnidirectional high sound output at low current levels. Rugged construction with solid state electronics also provides high reliability and stable performance.

Features

- Ultra low current
- 4 volume levels
- Optical coverage level
- 32 primary tones
- 32 alternative tones
- Up to 92 dba



FG901SBFR_AP

AVBASE Loop Power Sounder Base and VAD Beacon

FG901SBFR_AP Base Sounder operate over a wide input voltage range of 16 to 40V DC. The conventional range of detector base sounders are available in a standard 32 tone version in white with locally controllable output levels to enable the sound intensity to be adjusted to suit the application and provide a synchronous LED flash rate 0.5Hz. This arrangement provides an extremely lowprofile unit which is unobtrusive and protrudes only 28mm from the wall. The distinctive low-profile shape is acoustically very efficient, producing an omnidirectional high sound output at low current levels.

Rugged construction with solid state electronics also provides high reliability and stable performance.

Features

- Ultra low current
- 4 volume levels
- Optical coverage level
- 32 primary tones
- 32 alternative tones
- Up to 92 dbA
- Synchronized flash



“The sirens of the FG901 SOUND series are equipped with an integrated short-circuit isolator conforming to the EN54-17 standard that means Guaranteed communication.”

“The distinctive low-profile shape is acoustically very efficient, producing an omnidirectional high sound output at low current levels. Rugged construction with solid state electronics also provides high reliability and stable performance.”



FG901MMI_AP

Input addressable module with short circuit isolator in Micro format

FG901MMO_AP

Output addressable module with short circuit isolator in Micro format

FG901MMIOS_AP

Input and output addressable modules with short circuit isolator in Micro format

Using these devices it is possible to interface the loop with different systems, or to activate, by means of output modules, any type of output (sounders, light signals, fire doors electromagnets, etc.). Reduced dimension permits device installation in any environment type.

Devices are provided with integrated short circuit isolator, and addresses can be programmed by means of the programmer or with the addressing function of FIREGUARD smoke detection panels.

Features

- Monitored input able to detect different thresholds
- Average current consumption: 120 µA
- LED current consumption: 6mA (24V- line)
- Provided with integrated isolator circuit
- Relay output: 30Vdc 2°
- Operating temperature: -30°C + 70°C
- Max. humidity.: 95% non condensing
- Max. Cable cross section 2.5 mm
- Power supply: 18-35V
- Dimensions: 58x28x15 mm
- Weight: 13g



Using these devices it is possible to interface the loop with different systems, or to activate, by means of output modules, any type of output (sounders, light signals, fire doors electromagnets, etc.).

FG901MI3_AP

3 input addressable module with short circuit isolator

FG901MIO3_AP

3 input and 1 monitored output addressable module with short circuit isolator

FG901MI_AP

1 input, 1 C form output and 1 monitored output addressable with short circuit

FG901MIO2_AP

1 input, 2 C form output addressable module with short circuit isolator

Reduced dimension permits device installation in any environment type. Devices are provided with integrated short circuit isolator, and addresses can be programmed by means of the programmer or with the addressing function of FIREGUARD smoke detection panels.

Features

- Monitored input able to detect different thresholds
- Average current consumption: 120 µA
- LED current consumption: 6mA (24V- line)
- Provided with integrated short circuit isolator
- Relay output: 30Vdc 1A
- Operating temperature: -30°C + 70°C
- Max. humidity.: 95% non condensing
- Max. Cable cross section 2.5 mm
- Power supply: 18-35V
- Dimensions: 106x54x27 mm
- Weight: 70g

FGpower power supply system

Power supply solution of FGpower series are a perfect power supply for all the devices of the area protected by the detection system.

They are in accordance with all EN54 regulations, they are fully monitored and certificated, and provided with switching technology.

They can be operated independently or connected with Bus RS485, to be then connected to One series control panels.

They are provided with thermo probe to modify charging voltage and adapt it to operating temperature.

They are able to check network presence, battery failure, faulty or low battery.



FGPOWER25_AP

2.5A power supply system

Features

- Input voltage: 85-264VAC
- Frequency range: 47-63Hz
- 2 power outputs, short circuit protected and with current limited to 4A.
- Monitored current consumption for each output
- Possibility to connect it with central BUS RS485 to monitor status
- Integrated and independent charger, with thermo probe to check battery temperature.
- Battery monitoring.
- Battery disconnection in case of low battery.
- 6 open collector outputs to report LOW BATTERY, MISSING BATTERY, CHARGER FAULT, OUTPUT OVERCURRENT, AC MAINS FAILURE, BATTERY FAULT
- Relay output to report generic faults.
- Internal switching feeding system from 3,2 A to 28V.
- Battery compartment for two 7Ah, 12V batteries.
- Dimensions (HxWxD): 297 x 285 x 80+8 mm.
- Weight (without batteries): 2,2 kg.

FGPOWERSO_AP

5A power supply system

Features

- Input voltage: 85-132VAC/179-264VAC by switch
- Frequency range: 47-63Hz
- 2 power outputs short circuit protected and with current limited to 4A.
- Current consumption monitored for each output.
- Possibility to connect it with central BUS RS485 to monitor status
- Integrated and independent charger, with thermo probe to check battery temperature.
- Battery monitoring.
- Battery disconnection in case of low battery.
- 6 open collector outputs to report LOW BATTERY, MISSING BATTERY, CHARGER FAULT, OUTPUT OVERCURRENT, AC MAINS FAILURE, BATTERY FAULT
- Relay output to report generic faults.
- Internal switching feeding system from 6,5 A to 28V.
- Battery compartment for two 7Ah, 12V batteries or for 26Ah 12V batteries.
- Dimensions (HxWxD): 375 x 420 x 182+8 mm.
- Weight (without batteries): 7,5kg.



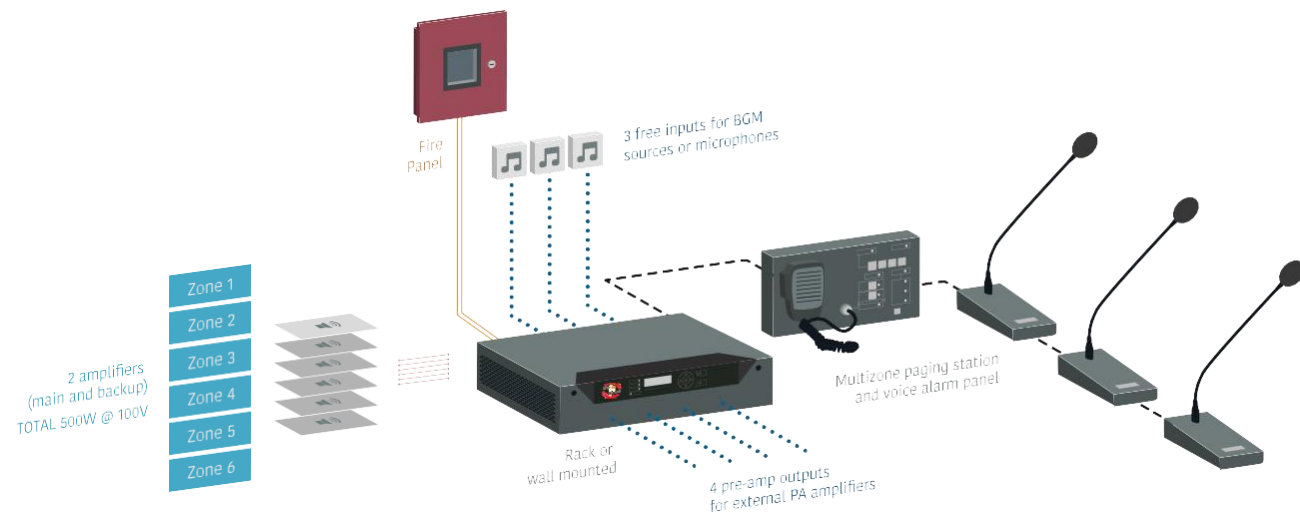
“The **FGpower** power supply solution is perfect power supply for all the devices of the area protected by the detection system.”



FG EVAC 500_AP

EMERGENCY VOICE ALARM AND BACK GROUND MUSIC SYSTEM:

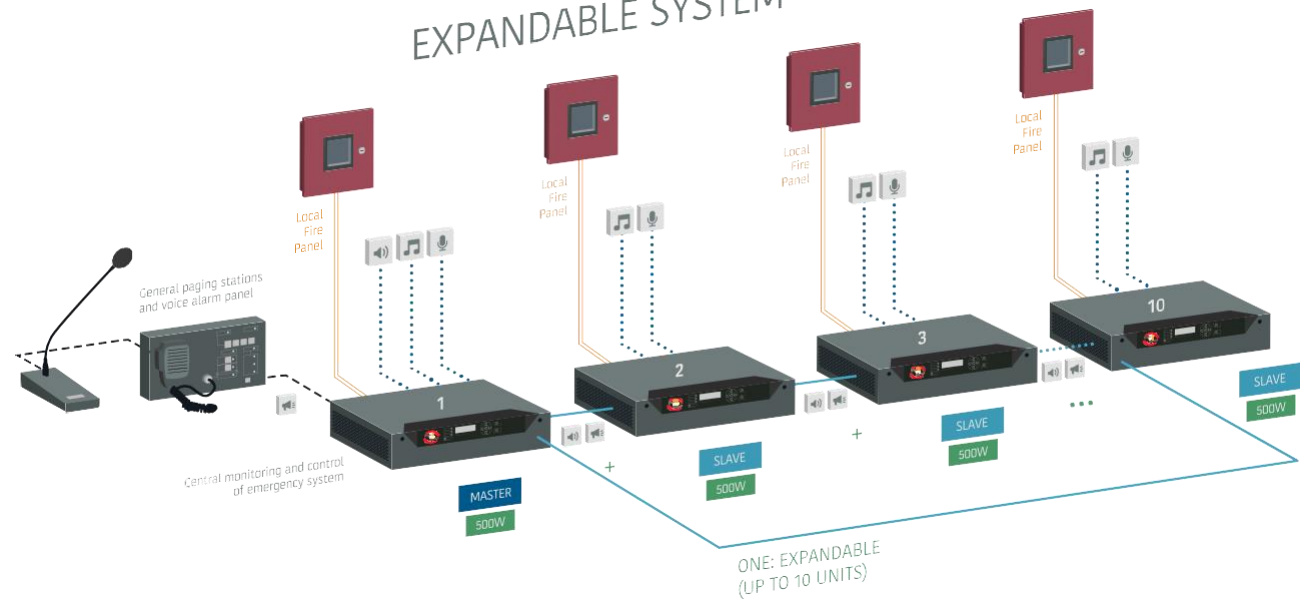
Audio Systems provide voice communication . The Audio Controller has built in two amplifier 500 watt with power supply charger 30 hours stand by + 30 minutes evac and provide Back up during master amplifier failed. Its Continues provide 2 simultaneous channels EVAC and Alert 10 minutes and optional 3x balanced audio input+2 Mixer. Digitized alarm tones and digitally recorded voice messages and message construction, and manages both multiple 8 button microphone and zone inputs and 3 audio inputs with 1 Mixer and 2 message player and 6 audio output PAVA over the speakers.



--- ACSI® paging station bus (UTP cable) — Speakers line 100V Analogue audio — Fire alarm local zones and Fire alarm general / reset

Connection for up to 10 equipment with double communication link. Up to 60 zones and speaker lines.

EXPANDABLE SYSTEM

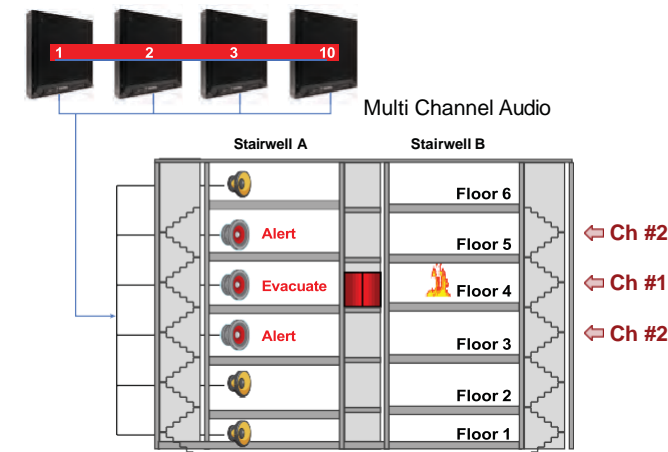
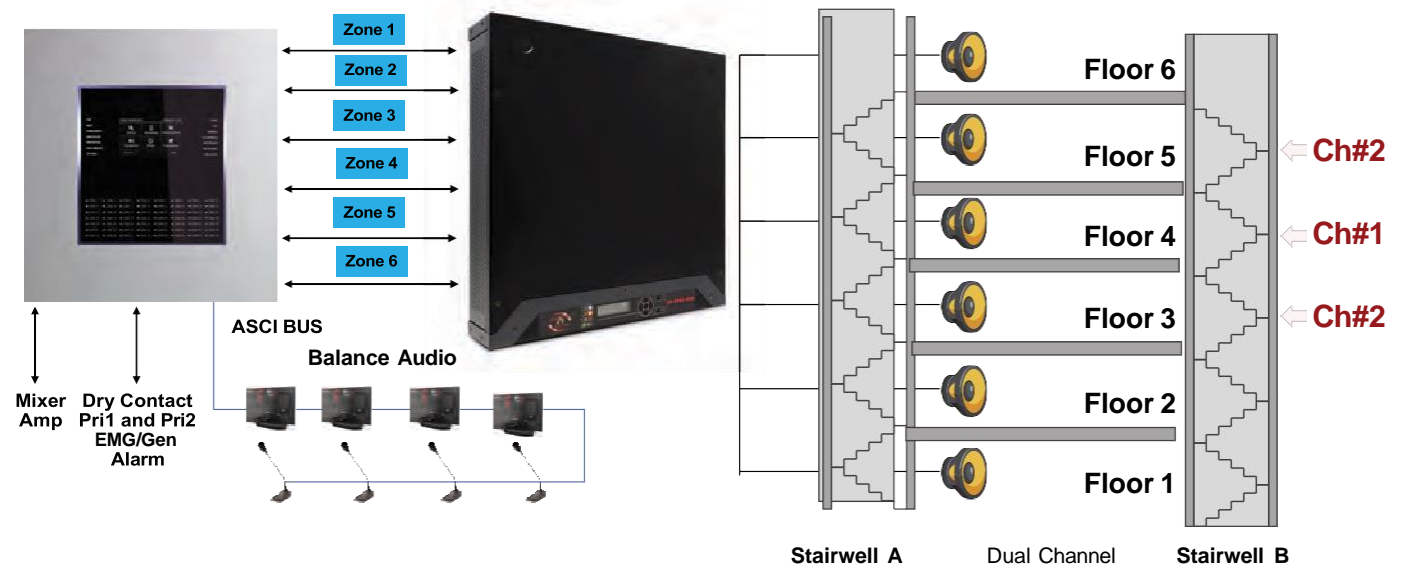


--- ACSI® paging station bus (UTP cable) — Speakers line 100V Analogue audio — Fire alarm local zones and Fire alarm general / reset

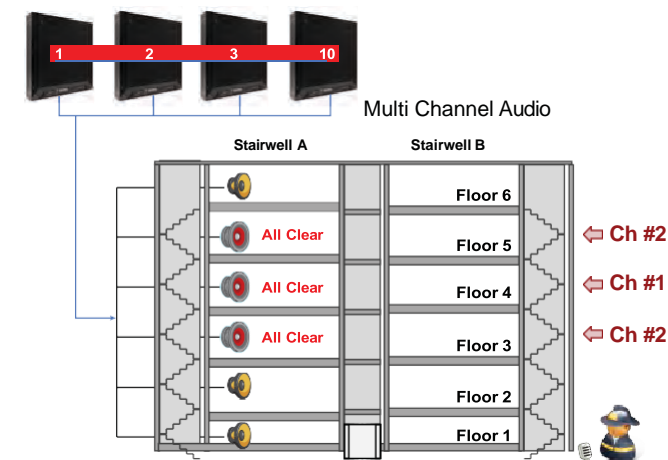
Connection for up to 10 equipment with double communication link. Up to 60 zones and speaker lines. EVAC and ALERT local messages + Autonomous emergency power supply for each ONE unit.

🎧 General audio source 🎵 Music audio local source (input 3) 🎤 Microphone local source priority (input 1) 📻 General paging stations and voice alarm panel

Addressable Fire Detection and Control Emergency Voice/Alarm Communications Equipment



Automatic Alert/Evacuate message activated



Manual voice all clear message by operator

Features

- Alarm/evacuation signal generation with multiple built-in messages
- Standard or customized digital message storage and message generation
- Automatic or manual operation
- Mass Notification operation Multiple channels are available:
- Audio systems provide dual channel operation
- Digital audio systems provide up to Multiple channels Audio output
- 3x audio balance Input and Dry contact to interface external Audio Source and MIC and 1x Mixer and 2 amplifier's output
- 1x Bus ACSI to interface 8 Voice alarm panel or 8x MIC or Mixed together up to 8 units.
- Up 10x500 Watt Amplifiers can connect in RS485 to distribute in a group of floors .
- Each Amplifier support 6x Speakers zones to configure channel 1 EVAC and Channel 2 x Alert and phase evacuation other Speaker zones can be customised message . 3 Dry contact relay 1. General Alarm 2. Emergency
- Evac 3. 60 Zones alarm
- Recorded Audio Messages can be import from USB
- USB Back up and Restore
- Backup Amplifiers 500Watt
- Advanced integration Override output 24V, Attenuators, Flash light and 3rd party system
- 6x Audio Output 24V for Attenuator and Flash Lights and 4 x Pre-Amplifier output
- Fire Alarm integration with supervision
- Speakers line supervision
- Battery supervision
- Wiring Method A+B
- Wall Mount and Rack mount design