

## TWO TO FORTY LOOP ANALOG/INTELLIGENT ADDRESSABLE FIRE ALARM PANEL CONTROL PANEL

Model - AS-901-FAP/A & AS-901-FAP/B

### PRODUCT INFORMATION

The Series-900 Control Panel is an intelligent analogue addressable fire alarm and detection control system which has been designed for the protection of more demanding applications. The control Panel AS-901-FAP/A is a modular system between 2 and 6 loops and through Extension unit AS-901-FAP/B, which have a capacity between 2 and 6 loops per enclosure, it is possible to obtain a system of up to 40 loops with 240 addresses each, providing the ideal solution for the protection of medium and large installations between 480 and 9,600 devices.

The AS-901-FAP/A control panel has an 8" touchscreen display that offers a comfortable panel programming and an easy interaction with the users. All the operations are intuitive and are also provided with different contextual help system menus on the screen.

Buttons on touchscreen offer a simple way to access the MUTE, SOUNDER TRIGGER, SOUNDER SILENCE, EVACUATION AND RESET functions are available. These 5 functions can also be activated by the physical keys on the front of the control panel.

The AS-901-FAP/B extension unit enclosures have the same aesthetic finish as the AS-901-FAP/A control panel but without a touchscreen display. LEDs are located on the front for system information. Each extension unit can accommodate between 2 to 6 loops.

The systems formed by the AS-901-FAP/A control panel AS-901-FAP/B Extension units incorporate state-of-the-art decision algorithms, as well as control matrices for the configuration of the cause and effect required for the installation, making this this control panel one of the most powerful, versatile and reliable option for fire alarm and detection solutions.

The AS-901-FAP/A incorporates as standard RS232 output port (PC connection) and RS485, that allows a networking of up to 32 control panels in the RS485 network with closed loop.



### Approvals:

EN54-2 : 1997/AC : 1999/A1 : 2006  
EN54-4 : 1997/AC : 1999/A1 : 2002/A2 : 2006



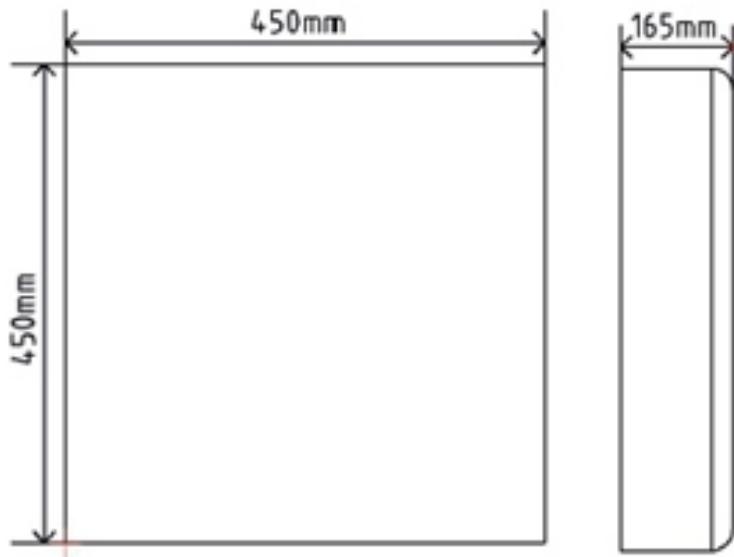
## FEATURES

- 2 to 40 loops with 240 addresses per loop
- Subdivision of the system up to 199 zones
- Up to 74 actions and 999 programming events
- 8" Touchscreen display
- 20-character Programmable zone and devices text
- 10,000 events log and real-time clock
- Two sounder outputs
- One 24Vdc auxiliary output
- Alarm relay and fault relay
- Test mode by zone
- Multiple action up to 7 devices
- Day - night mode for delays and device sensitivity
- Multiple Configuration transmission options
- from USB memory stick without cable
- using USB A – USB B cable through USB port
- using LAN cable through ethernet port
- Communication ports included: RS232, RS485 and TCP/IP
- MODBUS output (optional) through TCP/IP port
- Programming software

## TECHNICAL SPECIFICATION

Main supply	88 – 264 V AC
Loop Voltage	28 – 30 V DC
Addresses per loop	240 devices
24 Vdc aux output voltage	200 mA
Sounder output voltage	250 mA each
Relays	2 A@30 V DC
Loop maximum length mm	2 km with twisted pair 2 x 1.5 sq.mm cable
Dimensions	450 x 450 x 165 mm
Weight (without batteries)	11.5 kg
Batteries (recommended)	2 units 12V 18Ah
Operating Temperature (no icing)	-5° to 55°C
Max humidity (no condensing)	<95%
IP rating	IP30

## TECHNICAL DIAGRAM



### ORDERING INFORMATION

AS-901-FAP/A – Series-900 Addressable Modular FAP with one dual loop card fitted

AS-901-FAP/B – Series-900 Addressable FAP Extension Unit

AS-901-FAP/A – Series-900 Dual Loop Card

Factory Part Code : AD600C