

# UNO-C

## Expandable Conventional Fire Detection Panel



0370-CPR-6750  
EN54-2  
EN54-4

The **UNO-C** is an expandable conventional control panel offering an aesthetically pleasing and functional cabinet design providing ease of installation and commissioning, as well as simple operation. The unit can be expanded easily from 8 to 16 zones with the addition of two 4 conventional zone modules.

Fully functional “out of the box”, by default all sounders and outputs activate on alarm. Zonal and global delays as well as cause and effect programming can be affected at the panel or using ICE Snido’s ICE (Integrated Configuration Environment) tool, Zone text descriptions must be done using ICE.

The graphic LCD display with real time clock provides clear information with day/night options also available.

There are two logs, one which stores all activations while the other stores faults and other events together with a time and date stamp. The logs can be uploaded into ICE as an excel file for record keeping and to facilitate searching.

UNO-C operation is intuitive, offering simple control and one-button disablement facilities, as well as a one-man test routine, which provides a highly effective way to perform regular testing of the fire alarm system.

### Key Features

- 8 zone control panel expandable to a maximum of 16 zones.
- Maximum 32 devices in each conventional zone
- Expansion modules available include 4 conventional zones, 4 relay outputs or 4 additional sounder circuits. Panel supports up to 2 expansion modules
- Capacitive or Resistive End of Line monitoring
- Programmable non-latching zones
- Programmable on/off delay timer per zone
- Multi-Language support
- Easy installation - ready to operate out of the box. Basic programming using the keypad plus a Mini USB-A port for advanced programming with Snido ICE configuration software
- Advanced test mode for field devices and panel testing
- 3 Programmable Conventional Sounder Circuits
- 2 Programmable Relay outputs plus Fault relay (N/C)
- 3 Auxiliary Supply Outputs. One of which is momentarily interrupted by panel reset
- EN54-2, EN54-4 certified with APPLUS



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### TECHNICAL SPECIFICATIONS

#### SUPPLY SPECIFICATION

PRIMARY SUPPLY VOLTAGE - IN	110 to 240Vac.
PRIMARY SUPPLY VOLTAGE - OUT	28.5 V DC nominal
PRIMARY SUPPLY CURRENT - OUT	3.0 A@ 28.5 V DC nominal (max.)
SECONDARY SUPPLY VOLTAGE	21.0 min. - 27.2 max. V DC - BAT charger o/p 28 V DC
SECONDARY SUPPLY CURRENT OUTPUT	1.0 Amp Maximum @ 20°C
INTERNAL BATTERY CAPACITY – MAXIMUM	2 x 12 V x 7 Ah Sealed VRLA Lead Acid Batteries
MAINS FUSE	4 A – 250 V Slow Blow – 20 mm
BATTERY FUSE	1.6 Amp Resettable

#### CONVENTIONAL ZONE SPECIFICATION

NUMBER OF CONVENTIONAL ZONES	8 (MIN.) 16 (MAX.)
ZONE CURRENT – QUIESCENT / ALARM	4 mA / 60 mA - Maximum
MAX. CABLE RESISTANCE / CAPACITANCE	40 Ohms / 0.470 uF
END OF LINE MONITORING	Active EOL - Capacitor OR Resistive EOL
BS-5839 DETECTOR REMOVAL COMPLIANT	YES (provided diodes are fitted to detector base)
DEVICES PER ZONE	32 Max. - EN54-2
ALARM RESISTANCE VALUE	270 -1000 Ohms

#### OUTPUTS SPECIFICATION

AUXILIARY RELAY OUTPUTS	2 Fire (COM-NC-NO), programmable, 1 Fault (COM-NC)
RELAY CONTACT RATING	50 V DC - 1 Amp resistive loads
SOUNDER CIRCUIT SPECIFICATION	3 x 300mA circuits - fully monitored
ALARM VOLTAGE / END OF LINE RESISTOR	27.5 V DC Nominal /10 K Ohms -1/4 Watt
AUXILIARY SUPPLY OUTPUTS	2 + 1 Switchable during rest 300mA max/200mA continuous

#### PROGRAMMABLE INPUTS SPECIFICATION

INPUT 1	Non-Latching - Voltage free contact
INPUT 2	Non-Latching - Voltage free contact

#### MECHANICAL AND OPERATING SPECIFICATIONS

DIMENSIONS	385 (w) x 330 (h) x 95 (d) mm
MATERIAL / COLOUR	ABS - GREY RAL 7042
WEIGHT	2.2 Kg without batteries, 7 Kg with batteries (2x12V/7Ah)
OPERATING TEMPERATURE	-10°C to 40°C
HUMIDITY	Max 95% RH Non-Condensing

#### ORDER CODE

UNO-C	Expandable Conventional Panel
SMART-CARD-C	Expansion Card - 4 Conventional Zones
UNO-EXP-REL	Expansion Card - 4 Conventional Relays