



## ENVOY MINI 4 CONVENTIONAL CONTROL PANEL

### FEATURES

- DEDICATED 4 ZONE
- DESIGNED TO EN54 PT. 2 & 4
- COMPACT DISTINCTIVE DESIGN
- SUITS MOST DETECTORS
- INTEGRAL DETECTOR REMOVAL MONITORING
- 1 AMP POWER SUPPLY, 24V NOMINAL
- KEYPAD ACTIVATED CONTROLS
- 2 SOUNDER OUTPUTS
- FIRE & FAULT C/O CONTACTS
- ENGINEER'S WALK TEST
- PRECINCT INPUTS
- CE MARKED FOR EMC & LVD
- LOCKABLE, METAL ENCLOSURE FOR DURABILITY



### ENVOY. DESIGNED AND BUILT WITHOUT COMPROMISE

A compact dedicated 4 zone conventional control panel which embodies many of the features of the hy-spec Envoy range and yet represents even greater value for money.

Superbly styled, it is designed to meet the requirements of EN54 Pt 2 & 4. Control is by colour coded keypad which is also used for program selection. State of the art, surface mount technology and automatic test machinery, ensure that high standards of reliability and performance are maintained.

# ENVOY MINI 4

## CONVENTIONAL CONTROL PANEL

Part No	Zones	Sounder Circuits	Combined Sounder Load	Quiescent Current	Panel Current in Alarm
FCPENV-MINI4	4	2	1 Amp	57mA	100mA

### MAIN FEATURES

- Dedicated 4 zone
- Suits most detectors
- Keypad activate controls
- Soft tactile keypad for controls & programming
- Integral detector removal monitoring
- 1 Amp linear power supply. Nom 24V DC
- Designed to EN54 Pt 2 & 4
- 2 sounder outputs
- 2 Aux C/O relays (1 x Fire) (1 x Fault). voltage free
- Precinct/class change I/P
- Zonal walk test, with or without sounders
- Sounder walk test
- Detector removal walk test
- Disable zones, sounder O/Ps & aux O/Ps
- Alarm load, 1 Amp shared between sounder outputs

### EXTERNAL INDICATIONS AT LEVEL 1

- Common Fire, Zonal Fire
- Zonal Fault, Common Fault.
- Zone Disabled, Sounder Disabled.
- Sounder Fault, Detector Removed,
- Zones/Sounders in Test
- Remote Signals: Fire, Fault, Activated, Faulty/Disabled
- Supply Healthy, Test Mode,
- Disabled, ARW, PSU, Earth

### EXTERNAL CONTROLS AT LEVEL 2

- 'Activate Controls' by keypad
- Silence Alarms,
- Reset,
- Isolate Remote,
- Test Mode
- Disable.
- Test Leds,
- Enter
- Mute fault buzzer

### INTERNAL CONTROLS AT LEVEL 3

- PSU voltage control
- Buzzer volume
- Dil switches positions
  1. Fault latch
  2. Short cct = fire (all zones)
  3. Detector removal monitoring by schottky or zener clamp
  4. No aux on zone 4
  5. No bells on zone 4
  6. Bells pulse zone 4
  7. Non latch fire zone 4
  8. Entry code select

### LIMITATIONS

Please note the following are available with other models in the Envoy range, but not the Mini4

- Repeater outputs
- TWIN WIRE
- 3 wire compatibility
- Zonal sounders
- Slide in zone chart
- Remote silence / reset
- Zonal relays
- Networking

### SUITABILITY

Conventional		
Smoke/Heat Detectors	Nittan	Evolution, STB-4SD Schottky base
	Apollo	Series 65, 45681-201 Schottky base
	Hochiki	CDX range, YBN-R-6SK Schottky base
Call Point:		For other detectors please consult the manufacturer Must have 470 OHM Series resistor fitted
Sounders:		Use polarised and suppressed, light current 24vdc electronic sounders or bells

### ADDITIONAL SPECIFICATION

- Input Supply: 230 Volts 50Hz, Fused terminal block
- Power Supply: Current limited 1 Amp, suits SLA batteries only Charging voltage 27.6 volts DC  $\pm$  0.2V
- Cabinet: 18 swq mild steel 20mm knockouts, colour reference. Radon MW334E Interpon Powdercoat.
- Cabinet Size: 277 W 200 H 97 D mm
- EOL devices: Detection, sounders & monitored I/P circuits 4K7 OHM
- Earth continuity: 4 way brass terminal block
- Batteries: 2 x 4.5Ah, 12 v SLA (not included)

### OPTIONAL EXTRAS

- FMK-ENV1 Flush mounting bezel