

SURVEYOR-ENVOY MINI 4

CONVENTIONAL CONTROL PANEL



Designed and built without compromise

A compact panel, at a compact price, the new SURVEYOR ENVOY Mini 4 is the latest addition to the well established Envoy range. As a dedicated 4 zone, it embodies many of the features in the hy-spec version and yet represents even greater value for money.

Superbly styled, it is designed to meet the requirements of both EN54 Pt. 2 & 4 and BS5839 Pt. 4.

Control is by colour coded keypad which is also used for program selection.

State of the art, surface mount technology and automatic testing, ensure that the high standards of reliability and performance are maintained.



PRODUCT FEATURES

- Dedicated 4 zone
- Designed to meet the requirements of EN54 Pt 2 & 4 and BS5839 Pt. 4
- Compact distinctive design
- Surface mount technology for increased reliability
- Suits most detectors
- Conventionally wired
- Integral detector removal monitoring
- 1 Amp power supply, 24V nominal
- Keypad activated controls
- 2 sounder outputs
- Common Fire & Fault relays c/o volt free
- Precinct/class change I/P
- Aux supply output, 500 mA
- 8 way dil switch for program options
- Selectable 'Controls Activate' code
- Keyswitch Access Control (optional extra)
- Selectable 'short circuit fire' (old BS)
- Detector removal monitoring by schottky or zener clamp
- Fault latch
- Zone 4 non latch fire zone
- Sounder walk test
- Lockable metal enclosure for durability
- Single piece circuit board
- Logo badging available

Part No.	Zones	Sounder Current	Combined Sounder Load	Quiescent Current	Current in Alarm	SLA Batteries
FCPENVMINI-4	4	2	1 Amp	57 mA	100 mA	4.5 Ah

FRONT PANEL CONTROLS (LEVEL 2)

Activate controls by keypad:-
 Silence Alarms
 Sound Alarms
 Reset
 Disable Auxiliary Equipment
 Test Mode
 Disable
 Test LEDs
 Enter (programming)
 Mute fault buzzer

INTERANL CONTROLS (LEVEL 3)

Dil switch positions
 1 Fault latch
 2 Short cct=fire all zones)
 3 Detector removal monitoring by schottky or zener clamp
 4 No Aux Zone 4
 5 No Bells Zone 4
 6 Bells Pulse Zone 4
 7 Non latch fire Zone 4
 8 Entry code elect

 Buzzer volume adjust pot
 Voltage adjust pot

EXTERNALLED INTICATION

- Zonal Fire
- Common Fire
- Zonal fault/disabled/test LEDs
- Common Fault
- Common Disable
- Sounder Fault/Disable
- ARW (automatic reset warning)
- Supply healthy
- Power Fault
- Test Mode
- Auxiliary Equipment Disabled

KEYPAD PROGRAMING

- Access Controls (alternative codes)
- Test mode with/without sounders
- Select Test Zone
- Select Sounder Walk Test
- Zone Disable
- Sounder Disable
- Detector removal walk test

LIMITATIONS

Please note the following are available with other models in the Envoy range, but not the Mini 4.

Repeater outputs
 'Twin Wire', inc Hochiki 'Live Line'
 3 Wire compatability
 Zonal SOUNders
 Slide in zone charts
 Remote Silence/Reset
 Zonal relays

SUITABILITY

- Smoke/Heat Detectors: Nittan Sensortec, STB-4SD schottky base
 Apollo Series 60, 45681-201 schottky base
 Hochiki CDX range, YBO-R-5SK schottky base
 CDX range, YBO-R-5ZD zener base
- Call Point: KAC WR2072-SR 470Ω
- Sounders: Use polarised and suppressed, light current 24V
 DC electronic sounders or bells (Besson, Fullleon, Synchrobell etc)

ADDITIONAL INFORMATION

- Input Supply: 230 Volts 50 Hz, sued terminal block
- Power Supply: Current limited 1 Amp, suits SLAbatteries only. Charging voltage 27.6 volts DC±0.2V
- Cabinet: 18 swg mild steel, 20mm knockouts, colour reference: BS4800 18B17 blue mink, textured, powder coat
- Cabinet Size: 277 W x 200 H x 97 D mm
- End of line devices: Detection and sounders 4K7Ω
- Earth continuity: 4 way brass terminal block
- Batteries: 2 off 12V 4.5 sealed lead acid

OPTIONAL EXTRAS

- Keyswitch 'Activate Controls'.....
- Recessing kit: FMK-ENV1