

## ANALOGUE ADDRESSABLE CONTROL PANELS (Mikro 16 & Mikro 32)



Cert/LPCB ref. 1369a - (cl2-)

### FEATURES

- ✓ One Loop Analogue Addressable control panels.
- ✓ 2 Conventional Zones (Maximum 20 detectors per zone).
- ✓ Day/Night operation, separate profile for each week day.
- ✓ Manual add/remove of loop devices.
- ✓ Up to 15 groups of outputs for simultaneous activation.
- ✓ 2 Supervised Siren Outputs.
- ✓ Siren pattern selection for on board (switched) and loop devices.
- ✓ Storage of up to 2000 log events.
- ✓ Built-in communicator (Ademco Contact ID).
- ✓ System LED indications: Power, Fault, Alarm, Pre Alarm, Delay Active, Sirens Silenced, On Test.
- ✓ WalkTest installation testing feature.
- ✓ Weekly reminder for system test.
- ✓ Remote software monitoring and programming.
- ✓ Implements EN4-54 "Outputs to protection equipment".
- ✓ Implements EN4-54 "Outputs to routing equipment".

### DESCRIPTION

Mikro is a single loop, analogue addressable control panel, based on the Shield protocols. It targets small to medium installations. The key points of this panel is low cost, ease of use through a intuitive user interface, expandability through networking and

programming flexibility all in a robust, high quality construction. Easy for both installers and users provides an ideal solution for a certified entry level panel easily integrated in future installation expansions.

### TECHNICAL SPECIFICATIONS

Number of loops	1
Loop current	400mA
Fire zones / zonal indicators	16 (Mikro 16), 16 (Mikro 32)
Conventional zones	2 (Maximum 20 detectors per zone)
Conventional zones termination resistors	4,7K Ohms / 1W
Addressable loop capacity	Max. 126 addressable devices per loop
Supervised siren outputs	2 outputs, 24VDC 1, %10±A max, fused and monitored
Generic trouble output (on main unit) non monitored	Dry relay contacts NO - C - NC
Generic inputs	2 auxilliary, internally pulled up inputs. 1.5mA sink activation current
Relay outputs	2 general relay outputs N/O or N/C (jumper selectable) dry contacts 28V/3A max
PGM outputs	PGM outputs Open collector, 200mA sink max current, 30V max handling
Earth faults detection and indication	Front panel LCD indication & buzzer
Display	4 lines of 20 characters LCD
Mains power	220 VAC 50Hz
Mains supply fuse	1.6A 250V
Power supply	24 VDC / 2.50A
AUX output	24VDC +/- 700 ,%10mA max, current limited, monitored
Battery backup power	2x 12V / 7Ah sealed lead acid gel batteries
Battery health monitoring (periodic load test)	Every 90 seconds
Enclosure	Epoxy powder coated metal box
Dimensions (HxWxD) [mm]	315 x 425 x 100
IP rating	IP30