



FIRE PANEL – ALL CALL

ORDER NO. S22055-00

The Fire Panel FP-AC is designed for use with the NSC MILO and BOX-500 PA/VA systems.

DESCRIPTION :

It features mandatory status indication of the system, allows broadcast of live-spoken messages and activation of 2 simultaneous pre-recorded messages routed to the alarm zones.

Up to 8 FP-8BE - 8 buttons extension units - can be connected, allowing up to 64 buttons which can be programmed as individual or group of zones. In addition, these buttons can be programmed to use for functions like; volume control, event triggering and start of announcements using pre-recorded messages.

The optional 4U Wall mount cabinet allows mounting of a FP-AC with up to 2 FP-8BE 8 buttons extension units; the 6U Wall mount cabinet allows mounting of a FP-AC with up to 7 FP-8BE 8 buttons extension units.

Up to 8 FP-AC Fire Panels (or a combination of the FP-AC with the MCS-8B Call Station) can be connected in daisy chain to the systems monitored ACSi bus, up to a distance of 1000m.

FEATURES :

- Expansion up to 64 buttons to select single or groups of zones
- Pre-announcement tone
- Volume adjustment & Event triggering
- Status indicators for: Voice Alarm condition, Power supply indicator and Remote control
- Fault indicators for: General fault, System link fault, Emergency microphone fault and Power supply
- Indicators for: Live-spoken messages and Alarm/ EVAC and Alert pre-recorded messages
- Emergency controls: Reset, Acknowledge, test (indicators), Alarm message and Evacuation message
- Priority configuration and operating parameters
- Wall mount or 19" rack installation

TECHNICAL SPECIFICATIONS

Model	FP-AC Fire Panel All Call
Power supply	4.5- 5.5V DC, 1 x miniUSB AB
Power consumption	200 - 500 mA (max. with all extension keyboards connected)
Extension keyboard consumption	40 mA max
Frequency response	200 Hz – 12000 Hz (+/- 2dB)
Signal to noise ratio	>98dB, A-weighted
Sensitivity	-43 dB (1KHz)
Directivity	Axial, with hypercardioid type polar diagram
Transducer type	Dynamic capsule with moving coil
DSP	Integrated. 48 kHz, 24 bits – 172 MIPS
ACSI Bus	2 x Identical ACSI ports: Balanced audio 1Vp, 0,707Vrms. 10 K Ω , female RJ-45, Total 1000m. / 3280ft
Expansion Port	1 x Pin row, 2 rows x 5 female contacts
Indicators	Condition: Emergency, General Fault, Remote Control Fault: System Link, Power Supply, Emergency microphone Message broadcast: Alarm, Alert and live-spoken message
Buttons	Emergency, Reset, Confirmation, (EMG, RST, ACK) 1 push to talk button (PTT on hand-held microphone) Recorded message: Alarm / Evacuation and Alert / Warning Indicator test
Functions	Pre-announcement tone, volume control, DSA (Dynamic sound adjuster).
Microphone cable length	500mm / 13,75"
Dimensions without microphone	259mm x 132mm x 50mm / 3,38" x 2,56" x 7,48" (WxHxD)
Dimensions with microphone	259mm x 132mm x 93mm / 3,38" x 2,56" x 7,48" (WxHxD)
Operating conditions	-5 °C to +45 °C / 23 °F to 113 °F 5% to 95% Relative Humidity (no condensation)
Finish	Fe, Grey RAL 7016
Weight	1 kg
FP-AC accessories	1 x miniUSB AB male to USB A male 1x Power Supply USB connector Type C (EU Type) 1 x Ethernet cable 2m / 6,56ft. 2 x 19" Rack installation accessories 1 x block accessory for wall instalation