



## **MCS-8B**

**ORDER NO. S22008-00**

The Multizone Call Station MCS-8B 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 pre-recorded messages routed to single or groups of zones.

The MCS-8B features an All-Call button, busy line indication and auto-lock function. The TALK (CW) indicator will flash during the (optional) pre-announcement tone and will turn green when the microphone is available, in addition the red ring below the microphone capsule will illuminate to indicate activation as well. The event button can be used in combination with the zone buttons to trigger pre-recorded messages and presets, in addition the MCS-8B allows volume control of the zones. The last live-spoken message is recorded and can be replayed using the recall button. The memory button allows selection of pre-configured zone selections.

Up to 8 MCS-8BE - 8 buttons extension units - can be connected, allowing up to 64 buttons which can be programmed as individual or group of zones. A mini-jack input allows connection of an external microphone.

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

### **FEATURES :**

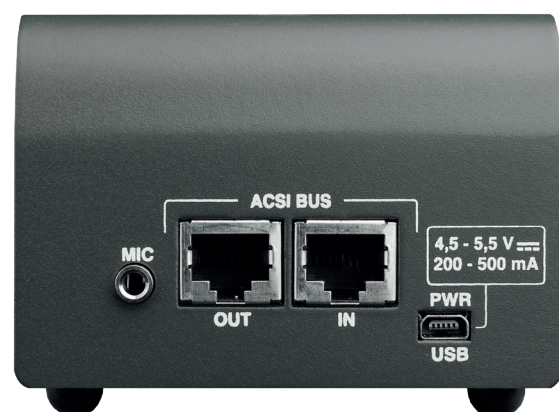
- Expansion up to 64 buttons to select single or groups of zones
- Pre-announcement tone
- Volume adjustment & Event triggering
- Memory selection of pre-configured zones
- Auto-lock function
- Recall of recorded last live-spoken message
- Status indicators for Voice Alarm condition, General Fault and System Link
- Indicators for Live-spoken messages and Busy line

## TECHNICAL SPECIFICATIONS

<b>Model</b>	MCS-8B Multizone Call Station
Power supply	5V dc, Type A/B MiniUSB connector
Power consumption	1A
Frequency response	200- 15000 Hz (+/-2dB)
Signal to noise ratio	> 98dB, A-weighted
Sensitivity	-43 dB. at 1KHz
Directivity	Axial with hypercardioid polar diagram response
Transducer type	Condenser capsule
Indicators	Status: Emergency, Failure, Link, Busy, Busy Line, Conceded Word (Talk). 8 indicators for selected zones. Gooseneck includes illuminated ring for activate microphone
Buttons	3 x programmable functions, 1 x recall, 1 x select / unselect all zones, 8 x zone selection, 1 x Talk
ACSI Bus	2 x Balanced Audio (In+Loop)1Vp, 0,707Vrms. 10 KΩ, 2 x RJ-45 Female, Total 800m. / 2624,7ft
Aux Mic Input	1 x Unbalanced input, 15mV, 47 KΩ, 1 x Minijack Mono 2,5mm (located at the back)
Dimensions without gooseneck (WxHxD)	95 x 65 x 190 mm / 3,75" x 2,56" x 7,48"
Gooseneck length	350mm / 13,78"
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	0,93 Kg



TOP VIEW



BACK VIEW