MULTI-ZONE PAGING MICROPHONE

MPS-8Z

Ref: LDAMPS8ZS02



The MPS-8Z is a high performance digital paging station for the PA/VA system NEO.

Up to 8 MPS-8Z paging microphones can be connected in a bus configuration to the ACSI bus of the NEO system via CAT5 cable.

The ACSI bus allows a maximum distance of 1Km and provides priority levels between the devices connected to the bus.

It has 8 buttons for paging to 8 zones and additional zone buttons can be added with MPS-8K units.

It features an “all-call” button, busy line signal and auto-lock function.

The MPS-8Z offers an Event button that combined with the zone buttons allow a wide variety of system's functions such as launching pre-recorded messages or loading presets.

The sound processing has been configured to achieve high quality results on the paging of voice, in terms of distortion, sensitivity, bandwidth and signal/noise ratio.

It has an iron chassis to provide a superior stability and protection against damages. All buttons are designed for an intensive use.

MPS-8Z features:

- 8-zone programmable buttons.
- Event activator.
- Recall function.
- Auto-lock function.
- LED indications for zone selection.
- LED indicators of the LDA NEO system's state (EMG, FLT or LINK).
- LED Indicators of busy and conceded word.
- Power directly from NEO thorough the UTP Cable and
- High performance durable microphone capsule.

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Rear, side and frontal view:







Technical specifications:

Model	LDAMPS8ZS02
Power supply	5V dc, Type A/B MiniUSB connector
Power consumption	1A
Frequency response	200- 15000 Hz (+/-2dB).
Signal to noise ratio	R> 98dB, A-weighted
Sensitivity	-43 dB. at 1KHz
Direccional axis	Axial with hipercardioid polar diagram response.
Kind of transducer	Condenser.
Indicators	State: Emergency, Failure, Link, Busy, Busy Line, Conceded Word. 8 indicators Zone selected. Gooseneck includes illuminated ring for conceded word.
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
Dimensions without gooseneck (W x H x D)	95 x 65 x 190 mm / 3,75” x 2,56” x 7,48”
Gooseneck length	350mm / 13,78”
Operating Conditions	-5 ºC to +45 ºC / 23 ºF to 113 ºF 5% to 95% Relative Humidity (no condensation)
Finish	Fe, Grey RAL 7016
Weigt	0,93 Kg