

# ZONE MODULE

## MZSE

cod. 1100-121010



### TECHNICAL SPECIFICATIONS

Audio signal level at AMP IN output	+0dBu
Amplified power applicable to AMP OUT input	500W
Pilot tone frequency	>20KHz
Internal connection	slot Bus 64 pin
Remote input	2,2K $\Omega$ balanced
Contatti RELAY	max 24Vdc 1A
Power supply	12Vdc
Current consumption	300mA
Dimensions (WxHxD)	202x38x104mm
Colour	black
Weight	0,3Kg

## MRR

cod. 1100-122010

### BACKGROUND NOISE DETECTION UNIT

The background noise detection unit can be used in situations when the presence of large public, with consequent increase of environmental noise, requires the automatic adjustment of music and message volume level. When the environmental noise increases, the system increases the sound level by one step, up to a maximum of three. The unit must be installed in

The zone module has been designed to be housed in the Switching Unit and is provided with specific diagnostic electronics which monitors the operation of the amplification chain and, in case of fault of the amplifier, switches the line on to the backup amplifier. Control is individual on each single amplifier and each single speaker line. Breakdown or short circuits of the speaker line are also detected. Faults detected by the module are immediately sent over to the CSE Central Unit that activates alarm sound and messaging. The zone module includes an additional alarm input and an output relay contact for generic use. On-board micro switches are provided for code configuration, diagnostics on-off over amplifier and speaker line, backup service on-off, relay activation. The zone module provides connections for standard 100V power amplifiers (input and output), 100V speaker line and return loop, 0-NC-NA output relay contacts, one additional alarm input and the background noise detection unit model MRR.

a recessed box or a wall box, at a distance from speakers, to avoid feedback. It connects and is powered by the zone module by means of a twisted-pair Cat. 5 cable. The detection unit includes a built-in electret microphone, and provides connections for an optional external electret microphone and for an optional power supply source.