

MT50-20CP

MARINE TALKBACK/PA MASTER ACCESS CONTROL UNIT

DS-083 Issue 04



Thank you for your interest in Ziztel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries.

The MT50-20CP is designed to provide the operator with combined Talkback, Public Address General Alarm voice communications and paging/zone broadcasts in a single integrated compact console. An industrial switch/indicator array provides clear and simple operator access to the selected target areas of the vessel. A choice of "fist" or gooseneck mounted microphone transceiver is available to client specification. Up to twenty talkback positions and four independently selectable P.A. zones allow flexible communications operation.

ZIZTEL MT50-20CP

Combined talkback/PA – Simple operator interface

Flexible operation in a marine environment – Low through-life cost

The Ziztel MT50-20CP is a rugged operator access unit designed to control the vessel talkback outstation and to allow paging and alarm tone initiation.

The unit allows address of up to four discreet zones for routine paging purposes with all-area select for delivering of priority emergency speech. Two alarm tones are fitted which allows broadcast of Abandon and General alarm tones, also on a priority address basis.

The talkback intercom facility allows the operator to discreetly select any one of twenty talkback stations and an "all call" button allows the operator to page to all talkback positions independently of the Public Address push-to-talk circuit.

A call button is fitted which enables the operator to issue a strident attention-getting tone to selected talkback station(s). Operation of this button also initiates talkback flashing beacons, which provide supplementary visual calling in high noise areas.

The MT50-20CP is designed to flush fit into a console/desk and compact dimensions of 230mm x 190mm enable siting in confined areas.

The unit can be supplied with an optional wall mount rot-proof enclosure type GR17 242 which allows convenient bulkhead location.

The MT50-20CP incorporates a high performance integral loudspeaker with receive volume control. An XLR microphone input connector allows a range of microphone options to be adopted:-



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a) Gooseneck style



b) Hand/fist microphone style



A dimmer switch allows all LED indicators on the fascia of the panel to be reduced in light intensity to eliminate possible distraction at night.

Technical Specification

Supply	Phantom-powered from host equipment, no local supply required.
Selectors	20 x Talkback stations 4 x PA zones 2 x Alarm initiate 1 x Alarm cancel 1 x Emergency speech 1 x Routine speech 1 x Talkback PTT 1 x AU call talkback 1 x Dimmer 1 x Call talkback station
Microphone Socket	3-pin female XLR
Loudspeaker	2 Watts
Frequency Response	200Hz – 10kHz
Dimensions	230 x 190 x 100mm
Weight	4kg
Temperature Range Ambient	-20°C to +60°C
Location	Safe area/internal
Material	Mild steel bezel
Finish	Powder coat semi-gloss black
Switches	Industrial tactile membrane
Colour	Light blue with black legends

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