

MT50-20MS

MARINE TALKBACK & PA CONTROL SWITCH

DS-085 Issue 05



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 Marine, Offshore, Hazardous Oil, Gas and Petrochemical industries.

The MT50-20MS provides combined public address paging and talkback facilities in a single cost effective unit enabling a totally integrated communication system in one simple to install and maintain package.

The system incorporates a total of 300Watts audio power as a base configuration with almost limitless

ZIZTEL MT50-20MS CENTRAL PANEL

Combined talkback/PA – Greatly reduced installation costs

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

The Ziztel MT50-20MS is a robust central panel designed to support up to twenty “talkback” subscribers and four PA paging zones of address.

The unit comprises of a rotproof wall mount enclosure which is equipped with a single motherboard which carries two 100 volt line audio power amplifier modules. Talkback paging is sourced from a 125 watt amplifier with supplementary public address provided by a 250 watt power module.

Where greater power amplification wattage is required it is possible to extend drive to Ziztel 350A high power 350 watt modules which can be assigned to virtually unlimited power capacity.

The package includes alarm tone generation with automatic broadcast on an all-zones basis. Routine and emergency speech inputs enable both all-zones selectively and selective zonal broadcasts for non-essential messages.

The system is designed to run from standard ships’ secure 24Vdc mains supply and an auxiliary convertor enables energisation from an AC supply when required.

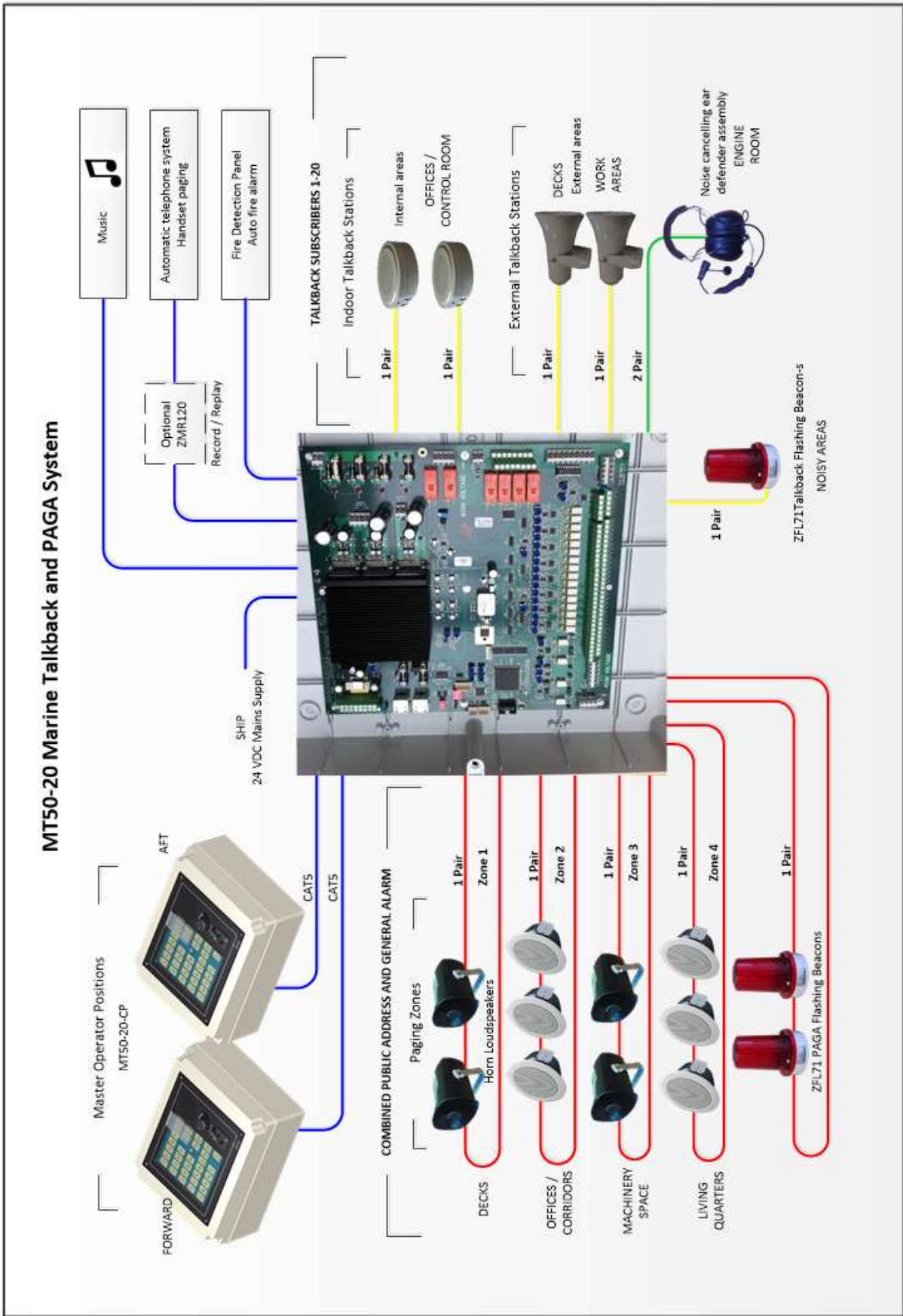
The MT50-20MS is fitted with control relays (2) to enable managements of flashing beacons which supplement acoustic broadcast in high noise areas.



ZIZTEL LIMITED

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Technical Specification	
Supply	24Vdc
Consumption Maximum	20A
Tolerance Operating Voltage	18Vdc – 30Vdc
Talkback Stations	Up to 20
Public Address Zones	Up to four zones of address, Zone 1 reserved for sleeping areas
Public Address	250 Watt amplifier with post switching to four zones of address
Talk back	125 Watt amplifier capable of serving twenty subscriber stations
Master positions	Up to four with capacity 10 Watt amplifier
Alarm Tones	2 to comply with IMO SOLAS
Pre-announcement gong	800Hz/400Hz tone set
Music input	odBm 600 Ohm line low priority zone 2,3,4 only
Flashing beacon control	Two circuits dual colour
Flashing beacon capacity	20 x ZFL70-2 or 40 x ZFL75 beacons per circuit
Configuration	Pre-configured with file download possibility for client specific cause and effects
Dimensions	600 x 300 x 100
Enclosure	ABS rotproof plastic
Weight	12kg
Temperature Range	-20°C to +70°C
Location	Safe area internal/sheltered

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