

MT50-20-SLSW-20

MARINE TALK BACK WEATHERPROOF SUBSCRIBER STATION

DS-126 Issue 02



Thank you for your interest in Zitzel - 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 MT50-20 Subscriber Station provides two way hands free speech between strategic installation location and central operator positions. The units are specifically designed to survive extremely hostile environment conditions and combine durability with reliable two way communication.

ZITTEL MT50-20-SLSW-20

Hands-free operation

Designed for marine application

Single pair cable connectivity

The MT50-20-SLSW-20 is a compact weatherproof safe area industrial subscriber shout back station designed for use in an external location.

The unit comprises of a rotproof reentrant horn loaded transducer which is equipped with 100 volt line integral transformer and call control momentary push button. The assembly allows hands free return speech to the master operator position and delivers high sound pressure paging levels ensuring effective broadcast performance in noisy locations.

The push button allows a subscriber to raise a call input to the operator position.

An acoustic hood type AH23 should be used where back ground noise exceeds 84dBA to ensure intelligible speech.

Connection to the host exchange is by a single twisted screened pair cable. Minimum CSA/conductor is 0.5mm² up to 2.5mm² maximum conductor size.



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Technical Specification

Rated Power	20 Watts
Tappings 100 volt line	20/10/5/2.5 Watts
Transformer Impedance, Ohms	100V 500Ω/1KΩ/2KΩ/4KΩ
Effective frequency range (BSEN60268-5)	250Hz – 8000Hz
SPL 1 W/1m, Test signal bandwidth 100Hz – 10 kHz	101dBA
SPL @ Full power, Octave Bandwidth	114dBA
Acoustic Power (dB-PWL@1 Watt) 1kHz	98dBA
Dispersion at 1kHz/2kHz	130°/70°
Directivity Axial Q factor, 1kHz/2kHz	4.9°/13.6°
Dimensions, front & depth	203mm x 254mm
Net Weight	1.7kg
Colour/Finish	Grey RAL7035
Material	ABS plastic housing with UV inhibitors

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