

MT50-HS001EX

HAZARDOUS AREA HEADSET



DS-134 Issue 02

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.

A durable “rough service” headset providing good quality speech communications in high noise areas.

Designed specifically for use in potentially explosive environment where there are extremes of temperature and climatic conditions.

Please do not hesitate to contact us for further information on our products we look forward to working with you on a project soon...

ZIZTEL MT50-HS001EX

Hands free communication – *simple operation*

Ear defender earpieces, noise cancelling microphone
- *Reliable communication in noisy areas*

Zone 1 certified – *safe for use in hazardous areas*

The MT50-HS001Ex headset subscriber station is a compact hazardous area, vandal resistant, industrial headset assembly designed for use in a high ambient noise area.

ATEX certification assures safe use in potentially explosive atmospheres; protection is intrinsic safety, Ex i.

The unit comprises of an ear defender style receivers fitted with noise cancelling boom mounted microphone. A retractable cord and water proof connector allows convenient connection to a bulk head mount socket station type MT50-HS-001Ex-JB. The assembly allows hands free return speech to a master operator position and delivers intelligible two way speech communications in difficult acoustic conditions.

(The auxiliary jack socket receptacle can also carry a ‘call control’ push button which allows a subscriber to raise attention at an operator position.)

Connection to the host system is by a two twisted pair cable with overall screen. Minimum CSA/conductor is 0.5mm² -up to 1.5mm² maximum conductor size.

The headset is available with and without headband to allow use with a safety helmet.



ZIZTEL LIMITED

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Technical Specification	
Material	Plastic rotproof ultraviolet resistant
Microphone	Noise cancelling close talk
Termination	Nexus TP120 / 6-Way Buccaneer male plug
Weight	0.2 kg
IP-rating	IP66
Max. / min. ambient temperature	+50°C / -20°C
Hazardous area certification	Zone 1 IICT4
Effective freq. range	180Hz – 13kHz
Headset cable	1m retractable (extension leads available up to 50m)



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