

BEX T

EXPLOSION PROOF LOUDSPEAKER



DS-143 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.

The BEx T is a high performance PAGA re-entrant horn loudspeaker designed to provide reliable service in petro chemical applications both on and offshore.

ATEX 15 WATT LOUDSPEAKER TYPE BEX T

Weather proof to IP66 – Suitable for external service

Explosion proof Zone 1 ATEX Certified – safe for use in potentially explosive atmospheres

Suitable for both Speech and Alarm Tone broadcast applications – reliable PAGA service

The BEx T loudspeaker horn is an ATEX certified Zone 1 unit designed for PAGA / MBS service in hostile environments. The unit enclosure is manufactured from corrosion proof, marine grade copper free LM6 aluminum which is phosphate and powder coated to ensure long, trouble free life in industrial applications. Standard body colour is high visibility 'signal' red. The unit is an ideal partner for our ZAB1 high performance flashing beacon which when configured for 'sounder' service delivers a stand-alone acoustical / optical package designed to provide emergency warning signaling in noisy environments.

The re-entrant flare horn is made from rot proof high impact, fire retardant ABS. Two M20 cable entries with large termination area ensure simple installation and an ingress protection of IP66 allows reliable operation in service climatic conditions. The unit is rated at 15 Watts and is equipped with a 100Volt line transformer.



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Technical Specification	
SPL	102dB + / - 3dB @ 1w @ 1m (Pink) 113dB + / - 3dB @ 15w @ 1m (Rated)
Rated Power	15 Watts RMS
100V Line Tappings	15w / 7.5w / 3w / 1w (Z=666.87 Ohms / 10k Ohms / 3.34k Ohms / 10k Ohms)
Dispersion	120° @ 1kHz & 32° @ 4kHz
Frequency Range	400Hz to 8000Hz
Ingress Protection	IP66
Housing material	Marine grade copper free LM6 Aluminium
Housing Finish	Phosphated and powder coated finish – anti-corrosion
Colour	RAL3000 Red
BEx flare	High Impact UL94 Vo and 5VA FR ABS (Red)
Cable Entries	Dual M20 ISO (one stopping plug inc)
Terminals	0.5 to 4.0mm ² cables
Weight	100V line: 3.45kg / 7.59 lbs

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