

# DAS-05EX

## 50 WATT EXPLOSION PROOF AMPLIFIER

DS-268 Issue 01



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 DAS-05 Ex is a powerful 50 Watt speaker amplifier and can be used 'standalone' or part of a large multi-mode broadcast package driving arrays of projector loudspeakers. Typical application is for *crane shout* public address systems

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 DAS-05 EX 50W AMPLIFIER

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Explosion proof – *Suitable for Zone and 2 Hazardous areas*

50Watt power output – *Wide area PA coverage*

Range of supply voltages – *Marine or industrial application*

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The Ziztel DAS-05Ex is an explosion proof high power audio amplifier designed for use in a hazardous area application.

The unit comprises of a compact rot resistant enclosure which houses a power supply convertor, enabling energisation from a range of supply voltages, and a short-circuit proof loudspeaker network driver amplifier module. The unit is capable of driving speaker loads of up to 50 Watts and can be configured to operate 'stand-alone' or form part of a distributed network featuring multiple amplifier stations. The DAS-05Ex can drive a single 50 Watt projector 'long throw' horn loudspeaker or multiple lower power horns up to the maximum power capacity of the amplifier. DAS-05Ex is ideal for loud hailer applications, with input ranging from a simple fixed or gooseneck mounted microphone audio sources through to more complex architectures specifying alarm tone signalling as well as multiple access microphone positions. The unit is supplied for universal AC mains supply operation 90V<sub>AC</sub> to 230V<sub>AC</sub> or, where specified, +24V<sub>DC</sub>/+48V<sub>DC</sub>.

*DAS-05Ex is suitable for Zone 1 / 2 hazardous area location, DAS-05 variant is available for safe area industrial applications.*



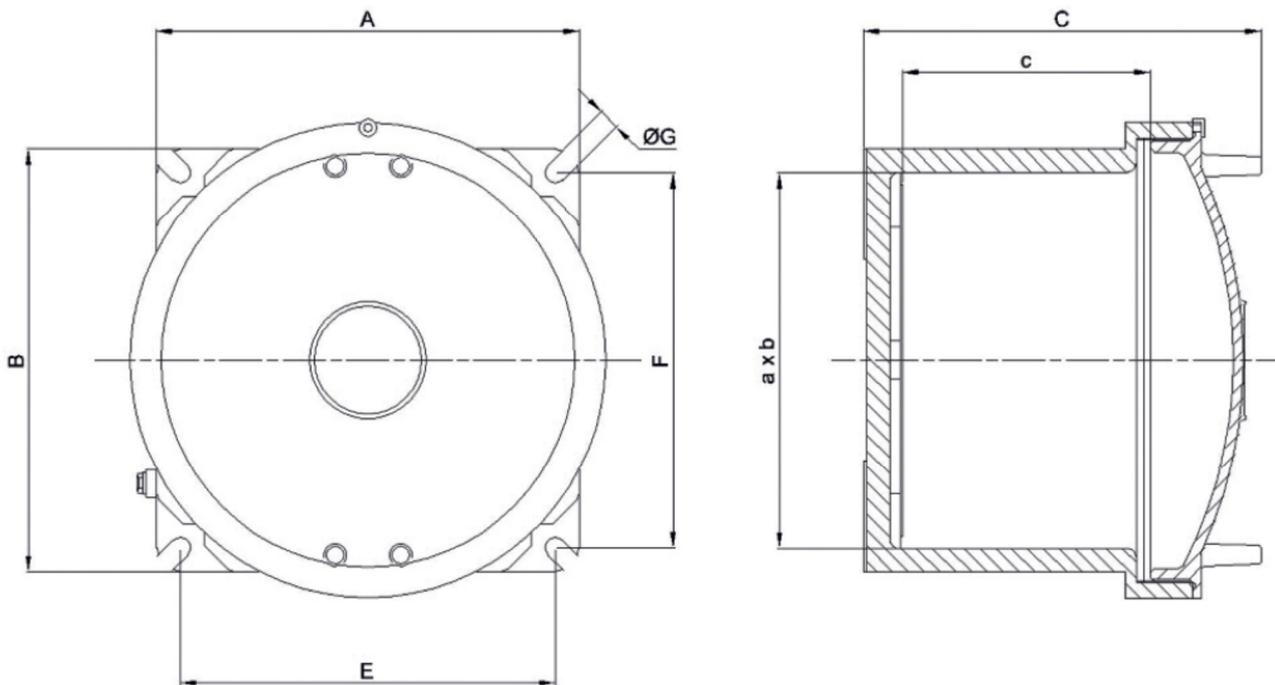
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ZIZTEL LIMITED

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Technical Specification	
Supply DC option	+24V <sub>DC</sub> OR +48V <sub>DC</sub>
Supply AC option	90 to 240 VAC 50 / 60 Hz
Tolerance	+10% / -20%
Consumption maximum	75 Watts
Consumption quiescent	5 Watts
Frequency Response -3dB points	150Hz to 10kHz -3dB points
Distortion THD	THD 2%
Regulation	>1dB
Input sensitivity	0dBm
Output	100 Volt line (70 V to order)
Output power maximum	50 Watts
Material	LM6 marine grade alloy
Dimensions	150mm x 150mm x 100mm
Weight	10 Kg
Certification	ATEX Zone 1 IIC T4
IP Rating	IP66



- A 240mm wide**
- B 240mm height**
- C 232mm depth**
- E 213mm fixing centre**
- F 213mm fixing centre**
- G 13mm fixing hole**

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