

DAS-05

50WATT DISTRIBUTED INDUSTRIAL AMPLIFIER

DS-251 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.

Our products are very robust and designed to comply with international standards.

The DAS-05 is a powerful 50Watt speaker amplifier and can be used 'standalone' or part of a large multi-mode broadcast package driving arrays of projector loudspeakers.

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 SAFE AREA 50W AMPLIFIER

Compact wall/bulkhead mounting – *Flexible installation*

50Watt power output – *Wide area PA coverage*

Range of supply voltages – *Marine or industrial application*

The Ziztel DAS-05 is a safe area high power audio amplifier designed for use in an industrial 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 stand alone or form part of a distributed network featuring multiple amplifier stations. The DAS-05 can drive a single 50Watt projector 'long throw' horn loudspeaker or multiple lower power horns up to the maximum power capacity of the amplifier. DAS-05 is ideal for loud hailer applications, with input ranging from a simple hand held or gooseneck mounted microphone 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_{AC} to 230V_{AC} or, where specified, 24V_{DC}.



DAS-05 is suitable for safe area location, DAS-05Ex is available where the unit is to be sited in a potentially explosive atmosphere.

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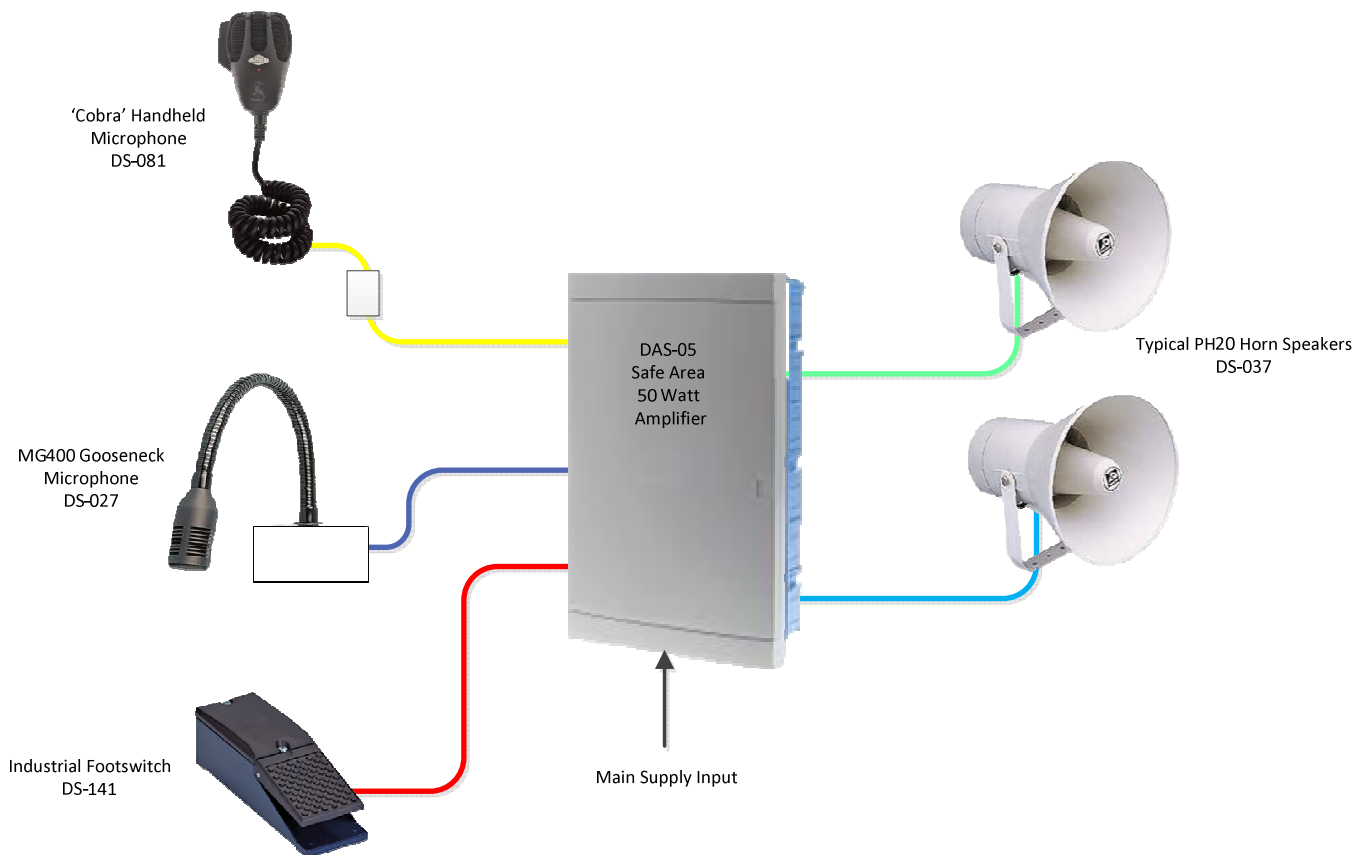
email: sales@ziztel.com web: www.ziztel.com tel: +44 (0) 115 9202888
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

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Technical Specification

Power Output	50Watts
Line	100V (70V to order)
Sensitivity	0dBm 0.707V
Frequency Response	150Hz to 10kHz – 3dB points
Regulation	1dB
Distortion	THD 2%
Weight	5kg
Dimensions	400mm x 300mm x 200mm
Temperature Range	-20 °C to +50 °C
Location	Safe area
Consumption	75Watts
Supply AC variant	90V _{AC} – 254V _{AC} , 50/60Hz
Supply DC variant	19V _{DC} – 30V _{DC}
Termination	Up to 2.5mm ² CSA field cable conductors

Typical DS-05 Public Address ‘Hailer’ application



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