

IT-01 AUDIO IMPEDANCE TESTER

DS-214 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 IT01 is a solid state loudspeaker network impedance test set essential for ensuring optimum PAGA system efficiency and safety. The unit forms part of a family of specialized test equipment including SPL-01 sound level meter and ZTL350 active loudspeaker network test set.

Please do not hesitate to contact us for further information on our products and systems.

LOUDSPEAKER IMPEDANCE TESTER

True measurement of loudspeaker network impedance at 1KHz – correct system matching

Three test ranges (200Ω/2KΩ/20KΩ) – accurate impedance measurement

Integral battery – portable operation

The Ziztel IT-01 is an industrial, robust, solid state test set designed to measure the impedance and therefore load presented by loudspeaker network-s to a PAGA amplifier output. The unit incorporates a battery supply eliminating the requirement for AC mains supply dependency and allowing speaker network checking during installation of the loudspeakers and associated field cable networks. The battery supply is supervised and early warning of battery deterioration is incorporated. Operation is simple and the LCD digital display is clear and requires no interpretation unlike other impedance testers available on the market. A 3 to 5 minute pre-set timer function is included allowing the unit to operate 'hands free'.



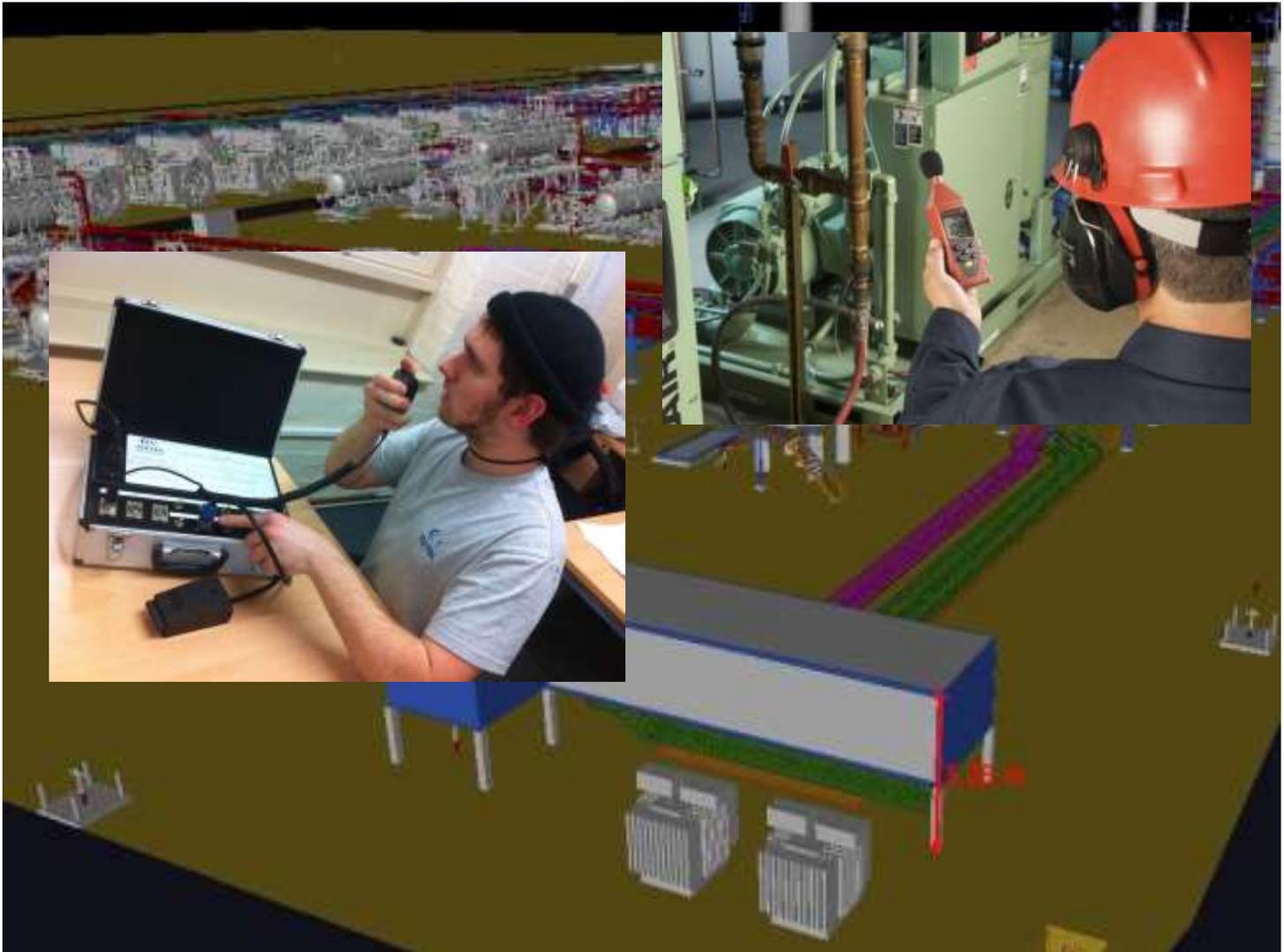
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Technical Specification

Measurement Range	200Ω/2KΩ/20KΩ
Test Frequency	1kHz
Accuracy	2%
Protection	Meets IEC-1010(EN61010), Installation CAT. III 100V
Power Requirements	9VDC (6 x 1.5V "AA" UM-3 dry batteries)
Dimensions	75 mm(H) x 175 mm (W) x 100 mm (D)
Included Accessories	Test leads, instruction manual, carry case
Low battery indication	⊕ symbol appears on the LCD display
Data hold indication	"HOLD" symbol appears on the display
Display	LCD 3 ½ digit
Weight	Approx. 0.55 kilos (battery included)
Location	Safe area / industrial



See also ZTL350 test set DS 076, this unique product replicates a PAGA system central rack and enables the installer to operate all loudspeakers on a network and verify acoustic performance and correct installation. Also DS 092 Ziztel SPL-01 Sound pressure level meter, an essential tool to check and verify loudspeaker system acoustic performance.

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