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Line Surveillance Board

Speaker line surveillance for P-1670

Description

The LINE SURVEILLANCE BOARD is divided into 3 major modules:

- 1. PA line / loudspeaker loop surveillance
- 2. Power amplifier surveillance
- 3. Earth leak surveillance

The Power amplifier surveillance module is fully automatic and no adjustments are available.

The Earth leak surveillance circuit is possible to adjust, but the factory setting of 1 M Ω leak limit should not be necessary to alter.

The PA line / loudspeaker loop surveillance circuit is subject to 3 different adjustments; an optimalisation of the (current) detector circuit and low and high load limits.

The PA line / loudspeaker loop surveillance circuit is working by generating a 19.2 KHz tone (above the upper hearing limit). The circuit transmits it on the line and measures the power output performance.

certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

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Specifications

GENERAL

Dimension (WxHxD)	160 x 20 x 100 mm
Mounting	Inside enclosure of P- 1670 amplifier
Weight	0.3 kg
Operating temperature	-15°C to +55°C

Used With



P-1670-Basic

Power Amplifier 1 x 400W, 48VDC