



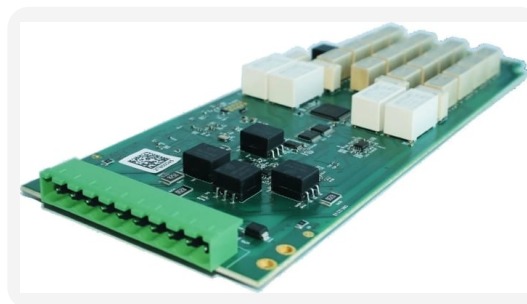
AMBIENT SYSTEM

Ambient System SMART-xCtrLine-44 loudspeaker line card, 4 lines

Product code SMART-xCtrLine-44 · Voice alarm systems > Control equipment

Loudspeaker line control card for four loudspeaker circuits in the smartVES system. A different audio message can be routed to each output. Line monitoring by impedance, as a loop or with an EOL module.

- 4 loudspeaker circuits, each with its own audio message
- AB, loop or single-zone wiring
- Line measurement by impedance, as a loop or with an EOL module
- CPR 1438-CPR-0948 as part of the smartVES system



Product description

SMART-xCtrLine-44 is a loudspeaker line control card of Ambient System's smartVES system. Independent audio messages from the system's audio buses can be routed to its four outputs. The card controls up to four loudspeaker circuits. The circuits can be wired as AB zones, as a loop or as single zones. Different audio content can be sent to each circuit.

The load of the loudspeaker line can be measured by the impedance method, as a loop with short-circuit isolators or with end-of-line (EOL) modules. According to the manufacturer, impedance measurement has been extended compared with earlier control cards. The card is powered from the backplane of the central unit.

Technical data

Product code	SMART-xCtrLine-44
Manufacturer	Ambient System
Product group	Voice alarm systems > Control equipment
Outputs	4 loudspeaker circuits
Measurement methods	Impedance, loop with short-circuit isolators, end-of-line (EOL) module
Impedance measurement frequency	1–48 kHz
EOL module signal frequency	18–24 kHz
Maximum measurable current	2 A
Maximum measurable voltage	200 V
Measurement accuracy	Max. 5%
Power supply	From the central unit backplane
Current consumption	Max. 152 mA (48 V)
Connector	10-pole screw terminal (Phoenix, 5.08 mm), included

EN 54 approval	EN 54-16 (as part of the smartVES system)
CPR	1438-CPR-0948
Operating temperature	-5...+40 °C
Humidity	15-80%
Storage temperature	-20...+70 °C
Dimensions	70 × 215 × 30 mm

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Datasheet: SMART-xCtrLine-44 (Ambient System)

CPR certificate (series): 1438-CPR-0948, smartVES system

Declaration of performance (DoP) (series): smartVES system smart-20230925

EU declaration of conformity (series): smartVES system smartVES-DCE-20231025

Datasheet (series): smartVES voice alarm system (Ambient System)

User manual (series): smartVES voice alarm system

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/smart-xctrline-44/