

KKO – MICROPHONE CONSOLE CARD

FEATURES

- Support of up to 8 microphone consoles, 8 intercoms or 1 control devices
- Manage audio and control data
- 32-bit DSP audio processor
- Digital communication
- Maximum cable length 500 m
- Optional redundant connection with alarm microphones
- Wide frequency response
- Ultra-low quiescent mode
- Direct power supply of connected units
- Hot-swap functionality
- Overvoltage, overcurrent and short circuit protection



Certificate of constancy of performance 1438-CPR-1077
Certificate of admittance 5641/2025



EN54 16

OVERVIEW

The KKO card enables the connection of up to eight microphone consoles or fire intercom units in a bus configuration. It can be installed in either KG-ETH or KAS units. Communication with connected devices is handled via a dual RS485 protocol, with only one device permitted to transmit audio on the bus at a time.

For increased reliability, redundant connections to non-emergency microphones can be established using additional KSSO fiber optic converters.

TECHNICAL SPECIFICATION

GENERAL

Power supply	24 V DC $\pm$ 20 % 48 V DC $\pm$ 15 %
Idle consumption	< 0,08 W
Standards	EN54, CE
Mechanical	3 U, 4 HP
Operating temperature	-5 : +50 °C
Relative humidity	25 % - 90 %
Indicators	ID, power
Connectors	2x digital BUS + power

AUDIO SPECIFICATION

Frequency response	10 Hz - 30 kHz (- 3 dB)
Distortion (THD + N) (1 kHz)	< 0,1 %
Signal-to-noise ratio	> 86 dB

OTHERS

Digital audio format	PCM 16-bit / 48 kHz
3rd party integration	Modbus

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