

pAudio® WAA - GLOBAL AUDIO INPUT CARD

FEATURES

- Symmetrical 0 dB input card
- Phantom power
- 32-bit DSP audio processor
- Wide frequency response
- Ultra-low quiescent mode
- Hot-swap functionality
- 3-band parametric equalizer
- Equipped with VOX functionality
- Pilot tone detection (18 kHz, 20 kHz, 22 kHz)



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



EN54 16

OVERVIEW

The WAA card is an audio input module designed for integration within the IVO system. It can be installed in both KG-ETH and KAS units.

The module features a balanced audio input with optional phantom power. Incoming analog signals are digitized and distributed via the system's digital bus, ensuring reliable and high-quality audio transmission.

Audio received through the WAA card can be broadcast to any loudspeaker lines connected to 2LG2 cards or 16SG modules within the system.

TECHNICAL SPECIFICATION

GENERAL

Power supply	24 V DC $\pm$ 20 % 48 V DC $\pm$ 15 %
Idle consumption	< 0,6 W
Standards	EN54, CE
Mechanical	3 U, 4 HP
Operating temperature	-5 : +50 °C
Relative humidity	25 % - 90 %
Indicators	ID, power
Connectors	Symetrical audio input (terminal block)

AUDIO SPECIFICATION

Frequency response	10 Hz - 30 kHz (- 3 dB)
Distortion (THD + N) (1 kHz)	< 0,1 %
Signal-to-noise ratio	> 86 dB
Phantom power	48 V

OTHERS

Digital audio format	PCM 16-bit / 48 kHz
Equalization	3 band Equalization

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