

## A1 AUDIO STREAMING UNIT

- Configurable to 2 (A/D) x 2 matrix, 4 (A/D) inputs or 4 outputs (1V)
- Networkable and extendable through MCU1XXXXE
- Input / output volume can be adjusted
- Support both rack mount installation or wall mount installation



## Product Description

### High Quality Audio Streaming

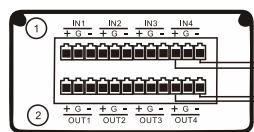
A1 is a module shall be used with MCU1XXXXE. It can receive network audio from MCU and to be determined with independent tasks, grouping, open / close or volume adjustment. Configuration can be set through the server and status can be monitored remotely. It is built-in with audio codec to also stream external audio source to other endpoints in the network.

### Flexible Configuration

A1 provides total 4 I/O which is fully configurable according to actual user case. It can be set either as 2 X 2 matrix mode or 4 pure inputs mode or 4 pure outputs mode. By setting different configuration, system architecture can be further optimize which can reduce the total ownership cost.



## Product Specification



① External Audio Sources  
② Amplifiers

① A/D Inputs (4 CH)

② Audio Outputs (4CH)



With A1-C module converter, the A1 module can be flush mount on the wall and networked / powered by A1-C. In decentralized configuration, it enables a single A1 to be functional.

Power Supply	90 - 240VAC $\pm$ 10% 50/60 Hz
Power Consumption	<5W
I/O	4 x Configurable Interface Input Level: 0.775V - 1V RMS Output Level: 1V RMS
Compatible Controller	MCU1XXXXE
Sampling	WAV 24bit 8kHz - 48kHz
S/N	$\geq$ 90 dB
Frequency Response	20 Hz - 18 kHz (-0.5 dB)
Product Dimension	195mm * 70mm * 38mm (w metal chamber) 245mm * 70mm * 30mm (w/o metal chamber)
Working Temperature	-5 $^{\circ}$ C - +55 $^{\circ}$ C
Storage Temperature	-20 $^{\circ}$ C - +70 $^{\circ}$ C
Humidity	< 90%