

# ABI-AC1009

## Audio RJ45 coupler (2 stereo channels + IR)

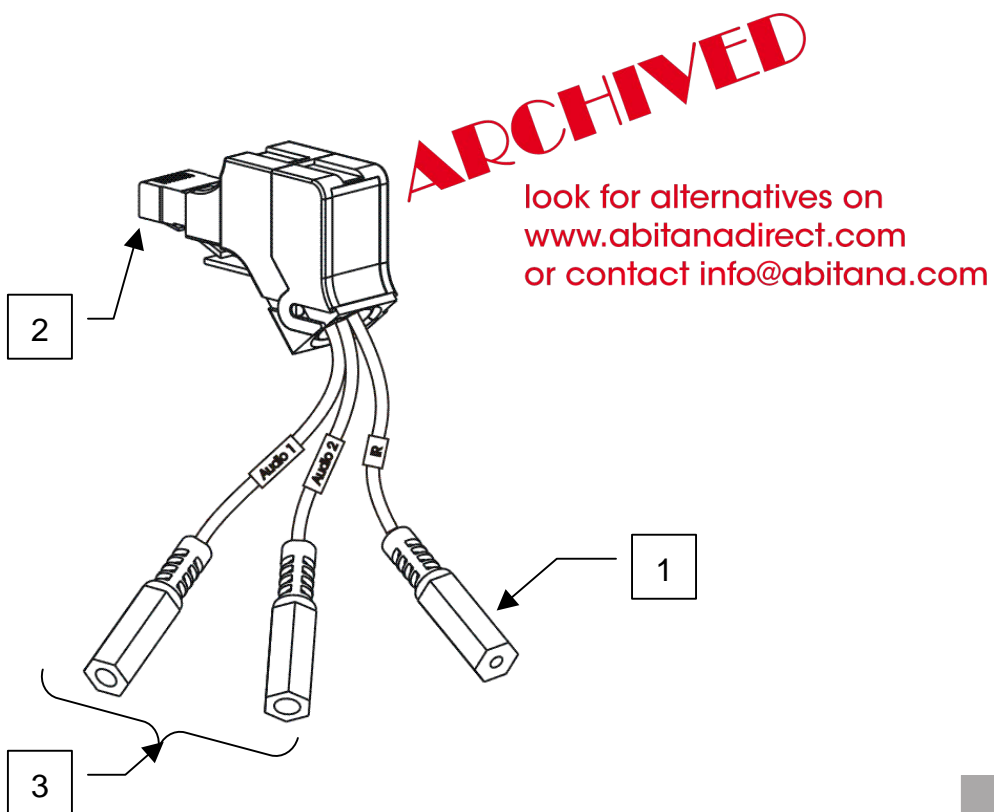
1) Description

The ABI-AC1009 is an indoor adapter for use with the ABI-EA1003S00 modules or with another ABI-AC1009 adapter. The device couples 2 stereo channels and the IR bus into one RJ45 connector.

2) Item Reference numbers

- ABI-AC1009S00 Audio RJ45 coupler (two stereo channels and IR-Bus)

3) General View



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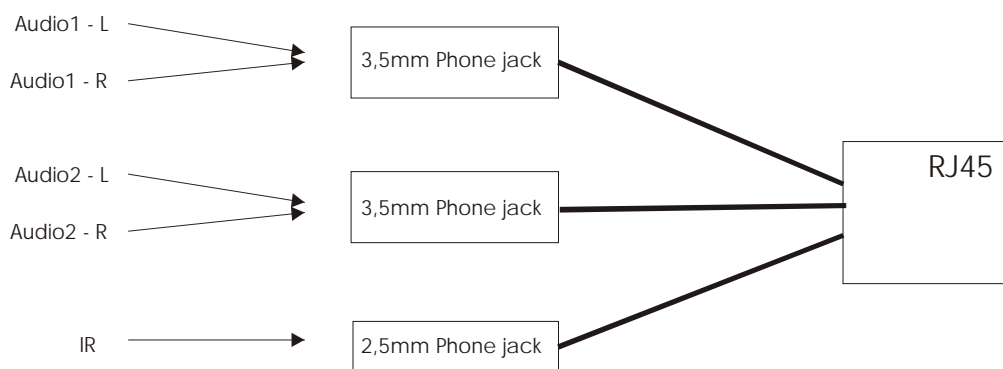
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### 4) Picture



### 5) Features: (Numbers refer to general view)

- 1) 3,5mm Phone Jack for Audio connections
- 2) RJ45 Plug for connection to the Outlet
- 3) 2,5 Phone Jack for connection of the IR receiver / Transmitter



**Figure 1: Block Diagram**

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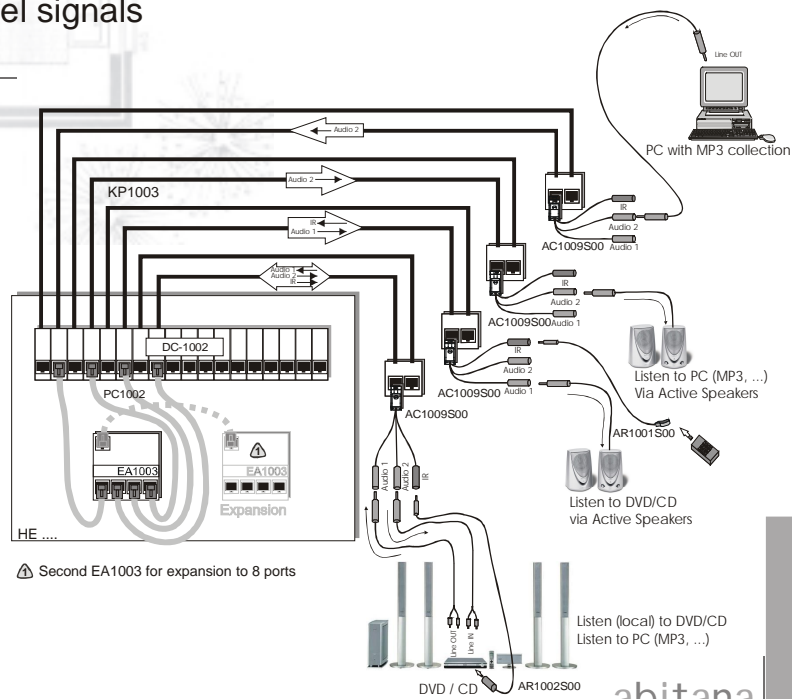
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### 6) Typical Application:

#### Audio Hub for Line level signals

- [ Distribute 1 or 2 Stereo Audio source(s) to different (multiple) locations.
- [ Up to 5 attached devices
- [ Expandable to 8 attached devices
- [ Use new and legacy Audio equipment in your network



ApplicationNoteAudio1

### 7) Technical characteristics

#### a. Mechanical

Dimensions: Length wires: 110 mm  
Height: 35mm Width: 17mm Depth:50 mm ...

Weight:: 25g

#### Connectors:

- Input: 3,5 mm Phone Jack
- Output: RJ45 Plug
- IR: 2,5 mm Phone Jack

#### b. Electrical

- Ambient Operating Temperature: 0 – 40°C

### 8) Package-Labeling

T.B.D.

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