

# ABI-EA1003

## Audio – dual stereo line level links + IR

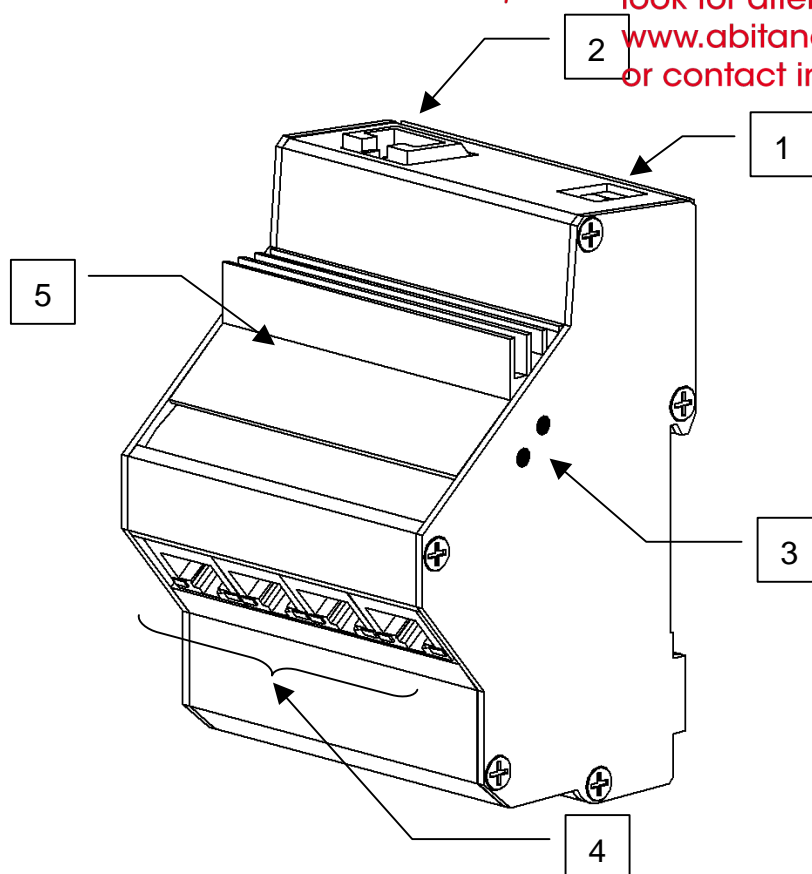
1) Description

Indoor audio distribution module for Home & Small Office Networks based on shielded twisted pair. DIN-Rail 35mm compatible aluminum housing. The unit distributes 2 stereo links between the 5 RJ45 inputs/outputs. The unit passes IR signals between the 5 RJ45 inputs/outputs and 2 IR LED's (mounted on each side of the unit).

2) Item Reference numbers

- ABI-EA1003S00 Audio Hub – dual stereo line level links – IR remote control pass through

3) General View



abitana

[www.abitana.com](http://www.abitana.com)

## ABI-EA1003

### Audio – dual stereo line level links + IR

4) Picture



5) Features: (Numbers refer to general view)

- 1) Power Supply (Only required for IR functionality). Connects to Comm Center 5VDC power supply (ABI-PS1001)
- 2) Shielded RJ45 Input/Output connector (Port 5)
- 3) IR led for infrared connection to modulator (ABI-EV1017). LED is available on both sides of the unit
- 4) Shielded RJ45 Input/Output connector (Ports 1 to 4)
- 5) Fully shielded aluminum housing. DIN-Rail compatible with fan-less cooling design

**abitana**

[www.abitana.com](http://www.abitana.com)

# ABI-EA1003

## Audio – dual stereo line level links + IR

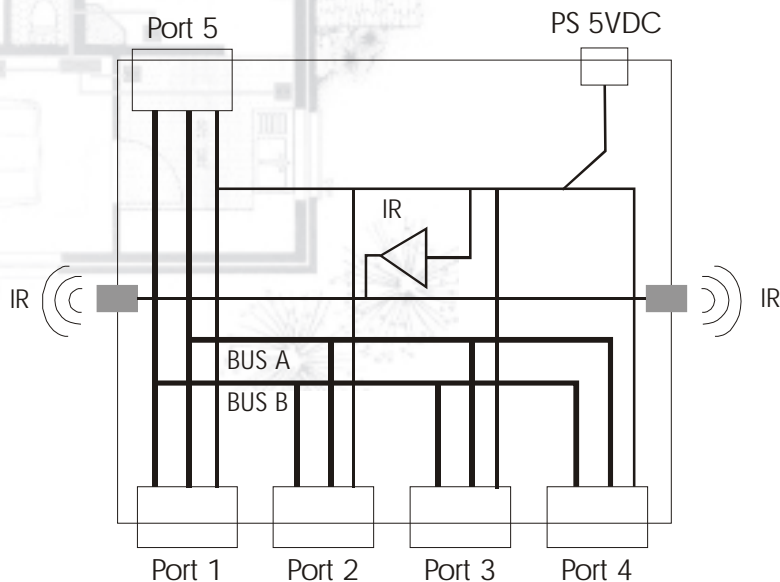
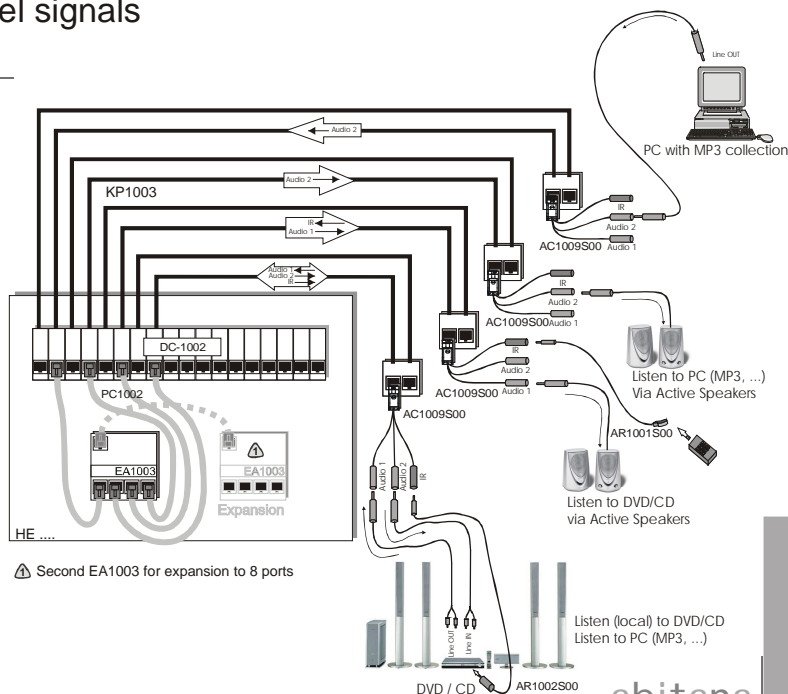


Figure 1: Block Diagram

### 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



⚠ Second EA1003 for expansion to 8 ports

ApplicationNoteAudio1

abitana

www.abitana.com

# ABI-EA1003

## Audio – dual stereo line level links + IR

---

### Technical characteristics

#### a. Mechanical

Dimensions: Height: 110mm Width: 71.2mm Depth: 65mm

Weight: 190 g

#### Connectors:

- Input/output: RJ45 Shielded jacks IEC60603-7
- Power: Phoenix Contact SMC 3.81

#### b. Electrical

- Power supply Voltage: 5V DC
- Power Consumption: < 0,5 W
- Ambient Operating Temperature: ..0°C – 40°C.°C

#### 7) Package-Labeling

T.B.D.

abitana

[www.abitana.com](http://www.abitana.com)