

ABI-EA1001

Audio Hub for B&O® Masterlink

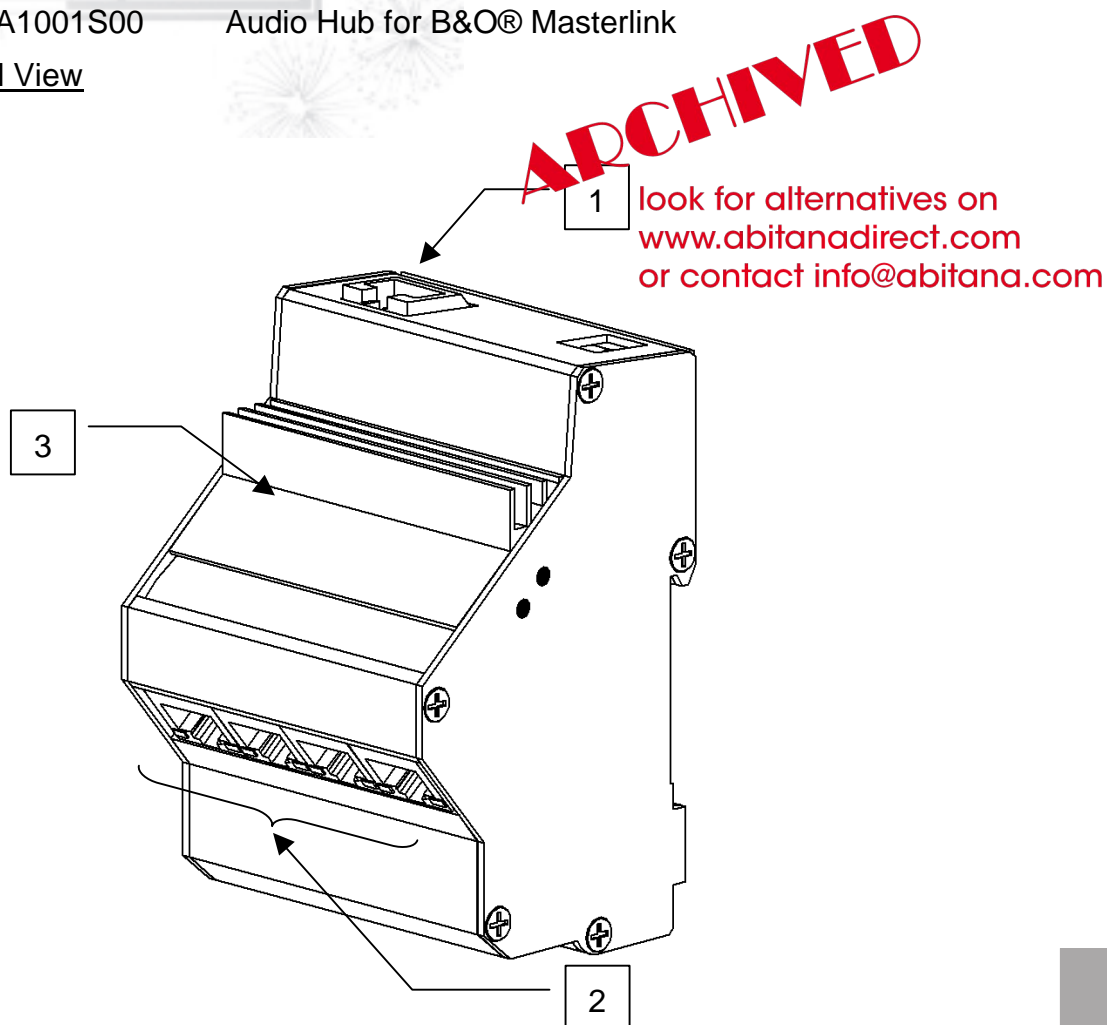
1) Description

Indoor audio distribution module for Home & Small Office Networks based on shielded twisted pair. DIN-Rail 35mm compatible aluminum housing. The unit distributes the B&O® Masterlink between the 5 RJ45 inputs/outputs.

2) Item Reference numbers

- ABI-EA1001S00 Audio Hub for B&O® Masterlink

3) General View



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Audio Hub for B&O® Masterlink

4) Picture



5) Features: (Numbers refer to general view)

- 1) Shielded RJ45 Input/Output connector (Port 5)
- 2) Shielded RJ45 Input/Output connector (Ports 1 to 4)
- 3) Fully shielded aluminum housing. DIN-Rail compatible with fan-less cooling design

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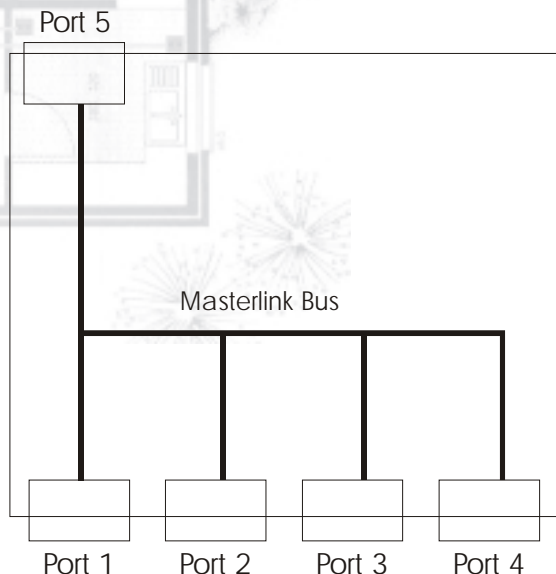


Figure 1: Block Diagram

6) Typical Application:

Audio Hub for B&O Masterlink®

- [Distribute Audio source(s) to different (multiple) locations.
- [Standard B&O Masterlink connections
- [Up to 5 attached applications
- [Expandable to 8 attached applications
- [HiFi audio quality

The diagram illustrates the typical application of the EA1001 hub. On the left, the hub is shown with its ports and expansion options: DC-1002, PC1002, EA1001, and an Expansion module. On the right, various B&O devices are connected to the hub's ports: BeoSound 3200, BeoCenter 2, and BeoVision Avant. The connections are labeled with cable types: KP1003, WA..., and PC1002. A note indicates that a second EA1001 module can be used for expansion to 8 ports.

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ApplicationNoteMasterlink B&O®, BeoSound®, Beocenter® and BeoVision® are registered trademarks of Bang & Olufsen

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Audio Hub for B&O® Masterlink

Technical characteristics

a. Mechanical

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

Weight:: 190g

Connectors:

- Input/output: RJ45 Shielded jacks IEC60603-7

b. Electrical

- Ambient Operating Temperature: ..0°C – 40°C.°C

7) Package-Labeling

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