

ABAR-1

Adagio® Balanced Audio Receiver

The ABAR-1 is an active balanced-to-unbalanced audio converter designed to enable the connection of any Crestron Home® CAT5 Balanced Audio source to a conventional unbalanced stereo line-level input. Connected at the input of an Adagio system or **CNX-PAD8A** audio distribution processor, the ABAR-1 allows a **CEN-IDOC** Interface for Apple iPod® to be installed up to 500 feet from the central equipment location. A single CAT5e type cable* is all that is required between the CEN-IDOC and ABAR-1.

SPECIFICATIONS

Audio

Frequency Response: 20Hz to 20kHz ± 0.3 dB

THD+N: 0.008%, 20Hz to 20kHz

S/N Ratio: 95dB, 20Hz to 20kHz A-weighted

Connectors

AUDIO IN: (1) 8-pin RJ45 female, shielded;

CAT5 balanced audio input port;

Maximum Input Level: 4 Vrms;

Input Impedance: 20k ohms;

Connects to any "CH" CAT5 audio output (or bidirectional) port*

AUDIO OUT: (2) RCA female;

Unbalanced stereo line-level audio output;

Maximum Output Level: 2 Vrms;

Output Impedance: 22 ohms

PWR 12VDC 0.5A: (1) 2.5mm barrel DC power jack;

12 Volt DC power input (**PW-1205** power supply included)

LED Indicators

PWR: (1) green LED, indicates 12 Volts DC power supplied from power supply

Power Requirements

12VDC: 6 Watts (0.5 Amps) @ 12 Volts DC

Power Supply (PW-1205 included): 120 Volts AC, 60 Hz

Environmental

Temperature: 41° to 104°F (5° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Enclosure

Black metal, surface mount box with (2) integral mounting flanges

Dimensions

Height: 0.96 in (2.43 cm)

Width: 2.73 in (6.93 cm)

Depth: 3.19 in (8.11 cm)

Weight

4.0 oz (114 g)

INTERNATIONAL VERSION (230 VAC)

ABARI-1

All the features and specifications of the ABAR-1 except:

Power Requirements

12VDC: 6 Watts (0.5 Amps) @ 12 Volts DC

Power Supply (PW-1210RU included): 230 Volts AC, 50 Hz



INCLUDED ACCESSORIES

PW-1205 (or PW-1210RU): 12 Volt Power Pack

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