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

<u>Audio</u>

Frequency Response: 20Hz to 20kHz ±0.3dB 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)

<u>Weight</u>

4.0 oz (114 g)

INTERNATIONAL VERSION (230 VAC)

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

Power Requirements

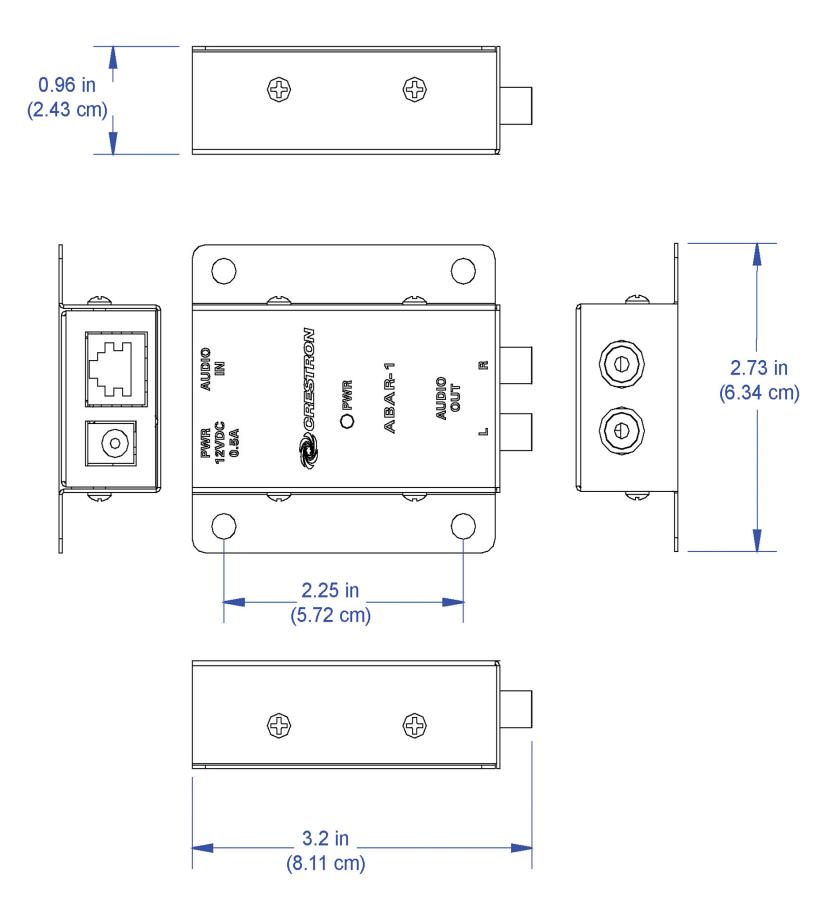
12VDC: 6 Watts (0.5 Amps) @ 12 Volts DC Power Supply (PW-1210RU included): 230 Volts AC, 50 Hz



INCLUDED ACCESSORIES

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

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Crestron Electronics, Inc. 15 Volvo Drive | Rockeleigh, NJ 07647 Tel: 800.237.2041 / 201.767.3400 | Fax: 201.767.1905 www.crestron.com