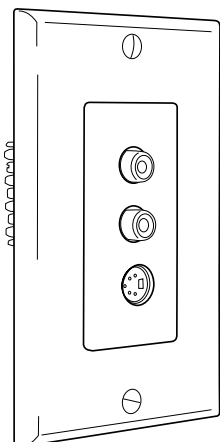# Pure Home Networking High-Resolution S-Video/Audio (L/R) Wallmount Module

1. Specifications

Impedance: Video: 75 ohm unbalanced;
Audio: 600 ohm unbalanced;
UTP: 100 ohm balanced

Bandwidth: Video: 12 MHz DC; Audio: 50 Hz–15 kHz

Distance: Black and white video, color video, and audio:
Up to 328 ft. (100 m) on Category 5e UTP cable

Colors: JHN2112A: Electric ivory;
JHN2113A: Electric white

110-Type Signals: Pair 1: S-Video (Y);
Pair 2: Audio (right); Pair 3: Audio (left);
Pair 4: S-Video (C)

Connectors: Video: (1) S-Video female;
Audio: (2) RCA jacks for left and right video;
UTP: (1) 110-type rear punchdown input

Size: 4.5"H x 2.7"W (11.4 x 6.9 cm)

Weight: 0.4 lb. (0.2 kg)

2. Overview

The Pure Home Networking High-Resolution S-Video/ Audio (L/R) Wallmount Module is available in two colors. JHN2112A is electric ivory, and JHN2113A is electric white. The module enables you to convert high-resolution S-Video and audio signals and send them up to 328 feet (100 m) over CAT5e cable instead of coax cable. This module should be attached to a single-gang Impressa faceplate. In-wall mounting eliminates external adapters. Figure 2-1 illustrates the module.
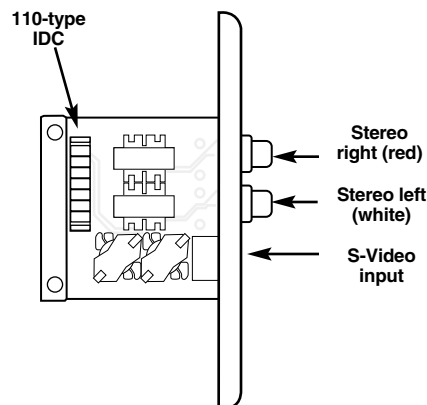

Figure 2-1. High-Resolution S-Video/Audio (L/R) Wallmount Module.

3. Installation

3.1 Tools You'll Need

- UTP termination tool

- Wire cutters

3.2 Cable Handling Guidelines

- Do not route telephone cables through the same cable holes as the AC power cables.

- For safety, separate all telephone cables from parallel AC power lines by at least 6 inches (15.2 cm) whenever possible. Avoid kinking the cable.

- Do not attach cable tie-downs too tightly. The cable-fastening hardware should not compress the cable sheath.

- Do not bend the cable sharply. Place the cables properly in the cable management after passing them through the holes, since the edges of the hole can compress or damage the cable sheath.

- When installing an individual module in the Pure Home Networking Box, place it above or below the interfacing module (if possible). This will eliminate excessive cable crossing.

- For your safety, do not use this or any electrical product near water (unless it is specifically designed for wet areas). Do not install wiring during thunder and lightning storms.

- Use caution when handling or installing any computer, telephone, video, or electrical devices.

3.3 Attaching a Module to a Wallmount Faceplate

1. Using the appropriate cable stripping tool, strip approximately 2" (5.1 cm) of the cable jacket.

2. Separate the pairs according to color (white-blue/blue, white-orange/orange, white-green/green, and white-brown/brown).

3. To terminate the connection, place each wire into the insulation displacement contacts (IDC) by matching the wire color with the applicable colors on the punchdown block.

NOTE

We recommend untwisting the pairs no more than 1" (2.5 cm) from the termination point.

4. If you are using a 110-type punchdown tool, position the tool over each wire with the cutting blade facing the outside of the IDC and punch down firmly.

5. Repeat the process with each pair.

6. Install the included termination caps firmly onto the IDC.

7. Fasten the insert and wallplate to an electrical box using the supplied screws.

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