

The A-1170 is the next step in the evolution of home theater and residential audio/video components. This module will provide crystal clear sound and pictures over long distances utilizing economical Category 5e or higher UTP cable.

SPECIFICATIONS:

Interface:

Video: 3x RCA (Y/Pb/Pr) female connectors

UTP:

110-type rear punchdown

Impedance:

100 ohm unbalanced

Bandwidth:

Video: DC~60 MHz

Distance: Over Category 5e/6 UTP cable:

- 480p video, up to 100 meters (total length, device-to-device)
- 720p video, up to 75 meters (total length, device-to-device)
- 1080i video, up to 50 meters (total length, device-to-device)

IMPORTANT

- Do not route audio/video cables through the same cable holes as the AC power cables.
- For safety, all audio/video cables should be separated from parallel AC power lines by at least 6 inches 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. Be especially

careful to dress the cables properly after passing them through a hole as the edges of the hole can compress or even damage the cable sheath.

- Follow all warnings on the products.
- For your safety, do not use this or any electrical product near water (unless 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.

INSTALLATION

1. Strip off approximately 2" of the Category 5e cable jacket, using the appropriate cable stripping tool.
2. Separate the pairs according to color (Brown/Brown-White, Green/Green-White, and Orange/Orange-White).
3. To terminate, place each wire into the insulation displacement contacts (IDC) by matching the wire color with the applicable colors on the punchdown block (see the figure below).

TIP: We recommend untwisting the pairs no more than 1" from termination point.

4. If using a 110-type punchdown tool, place the tool over each wire with the cutting blade facing outside of the IDC and punch down firmly.
5. Repeat this process with each pair.
6. Install included termination caps firmly onto the IDC.
7. Fasten insert and wallplate to electrical box using supplied screws.

