

HDMI® and VGA Autoswitching HDBaseT™ Extender Wallplate

APPLICATION

Use the Leviton Autoswitching HDBaseT Extender Wallplate to connect, switch, and extend HDMI and VGA signals to displays or projectors in conference rooms, classrooms, and control centers. The wallplate inputs are automatically switched (or manually selected) to permit seamless transfer from one source to the next. It can extend signals up to 70 meters (230 feet) over a single category cable, and uses certified HDBaseT technology for a complete professional plug-and-play installation. The extender utilizes Power over HDBaseT (PoH) to provide the flexibility for powering the transmitter from the receiver at the display over category cable.



41920-HRC extender is used with the Leviton HDBaseT Receiver (41910-HTR)

SPECIFICATION

The HDMI and VGA autoswitching extender shall be HDBaseT Alliance certified. It shall be in a dual-gang Decora® form factor with matte anodized aluminum finish to deliver full uncompressed HD video in 3D, 2K, and 4K (VESA resolutions up to 1920 X 1200 at 60Hz, and HDTV resolutions up to 2160p) over single category cable up to 70 meters (230 feet). The autoswitching extender shall also support VGA resolution to 1920 X 1200. Extender shall support key features of HDMI 1.4, including EPG, CEC, HPD, EDID, and HDCP. It shall include a built-in scaling function to automatically match signals to 1080p display resolution. It shall include Power over HDBaseT (PoH), allowing powering from the receiver at the display end. HDMI and VGA inputs shall include connector locking features. Inputs shall include two (2) HDMI, one (1) VGA, and one (1) Analog Audio (for VGA) connections. Output shall be one (1) RJ-45 (HDBaseT).

Wallplate shall include a "SOURCE/AUTO" button to select manual or auto source selection, and signal lights to indicate selected source and source activity. It shall have a connection to allow external control via separate optional remote wallplate controller. The wallplate shall include an IR (Infrared) "target" and support IR repeating through the HDBaseT link. It shall be shallow depth to allow mounting in standard 4-inch or 4.675-inch square electrical boxes.

FEATURES

- HDBaseT Alliance certified
- Dual-gang Decora form factor with matte anodized aluminum finish (Decora wallplate sold separately)
- Delivers full uncompressed HD video in 3D, 2K, and 4K over a single category cable with multi-channel audio supporting all standard formats, including Dolby Digital, DTS, Dolby TrueHD, and DTS HD-Master Audio
- Resolution capability:
 - 1080p 36 bit deep color at 60Hz and VESA resolutions up to 1920 x 1200 at 60Hz up to 70 meters (230 feet)
 - 4K ultra high definition up to 2160p 24 bit true color at 30Hz with 4K chroma subsampling color palette 4:2:2 up to 40 meters (131 feet)
- Supports HDMI 1.4 features: EPG, CEC, EDID, and HDCP
- Built-in scaling function to automatically match VGA signals to 1080p display resolution
- PoH (power over HDBaseT) powered from the receiver at the display end
- Locking features for input connectors
- Optional IR Y-cable and emitter kit allows IR control of multiple devices

DESIGN CONSIDERATIONS

- Use with Leviton 41910-HTR HDBaseT certified receiver (sold separately), 8-button control panel (41920-CP8) for push-button control capability, and 41920-A01 or 41290-A70 mixing audio amplifier for complete control and sound reinforcement system
- Use 41920-YIR Kit with this wallplate transmitter, and 41910-HTR receiver for IR control of multiple devices
- Leviton recommends using an HDBaseT-certified Category 6A cable system with alien crosstalk prevention technology
- Fits standard NEMA 2-gang opening, recommended 4 11/16" square x 2 1/8" depth standard box

PRODUCT SPECIFICATIONS

41920-HRC



PHYSICAL SPECIFICATIONS

Dimensions: 89.0 mm W x 104.5 mm H x 43.7 mm D
3.5" W x 4.1" H x 1.7" D

Materials: Ventilated metal enclosure

Temperature: 0°C to 50°C (32°F to 122°F)

STANDARDS COMPLIANCE

- HDBaseT Alliance, CE, FCC

COUNTRY OF ORIGIN

China

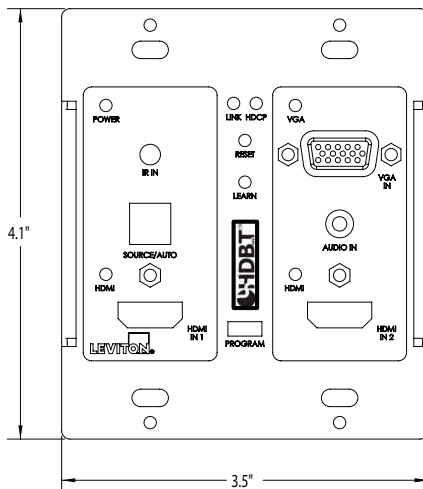
ELECTRONIC FILES

For CAD files or technical drawings (.DXF, .DWG), visit www.leviton.com.

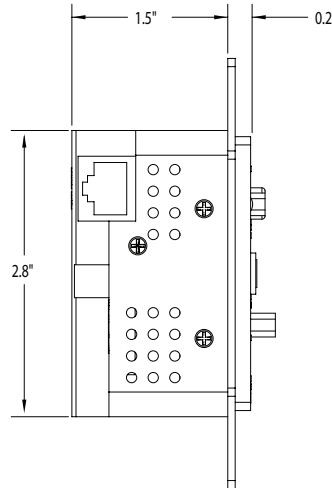
WARRANTY INFORMATION

For a copy of Leviton product warranties, visit Leviton.com/warranty.

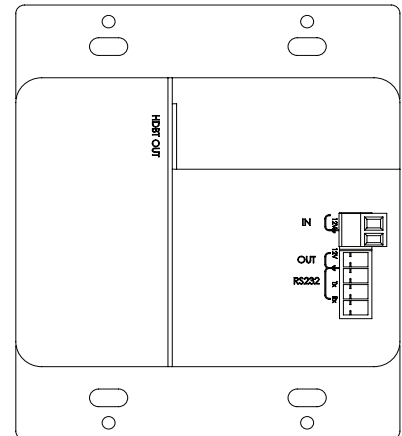
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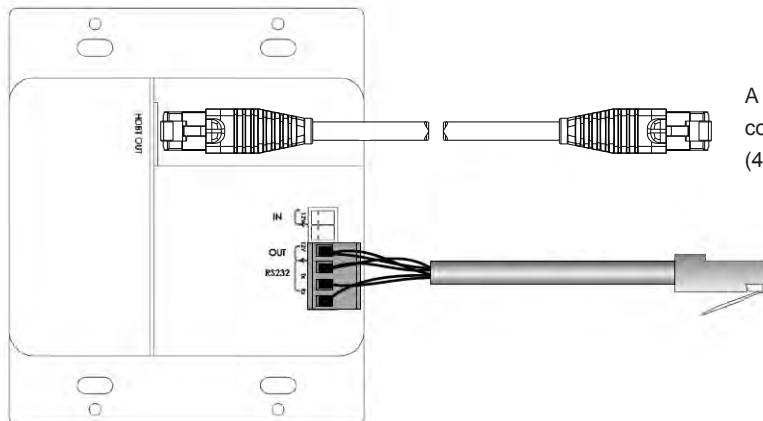
Front View



Side View



Back View



Back View

A Category 6A patch cord (sold separately) connects to the 70-meter HDBaseT Receiver (41910-HTR) via category cable permanent link.

The Autoswitching Wallplate Adapter Cable (included with wallplate) connects to the 8-Button Control Panel Wallplate (41920-CP8, sold separately) over category cable.

PART NUMBER

Description

HDMI® & VGA Autoswitching HDBaseT™ Extender Wallplate

Part No.

41920-HRC

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