

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, accept a dual-gang Decora® wallplate, have a matte anodized aluminum finish. The extender shall deliver HD video at VESA resolutions up to 1920 x 1200 at 60 Hz up to 70 m (230 feet) and HDTV resolutions up to 2160p at 30 Hz up to 40 m (131 feet). 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 VGA signals to 1080p display resolution. It shall include Power over HDBaseT (PoH), allowing powering from the receiver at the display end. 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 & BENEFITS

- HDBaseT Alliance certified
- Matte anodized aluminum finish complements Decora stainless steel 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 audio 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

STANDARDS COMPLIANCE

- HDBaseT Alliance, CE, FCC

DESIGN CONSIDERATIONS

- Use with Leviton 41910-HTR HDBaseT certified receiver, 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 for IR control of multiple devices
- Leviton recommends Leviton SST Cat 6A cable system with best-in-class alien crosstalk prevention
- Fits standard NEMA 2-gang opening, recommended 4 11/16" square x 2 1/8" depth standard box
- Compatible with displays that support and can be set to HDMI 1.4. Not natively compatible with displays that only function at HDMI 2.0 and above. It is incumbent upon Installers, Consultants, and Specifiers to choose and test compatible equipment prior to deployment. Leviton recommends bench-testing AV system solutions prior to deployment.

41920-HRC

PRODUCT SPECIFICATIONS

41920-HRC

MECHANICAL 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

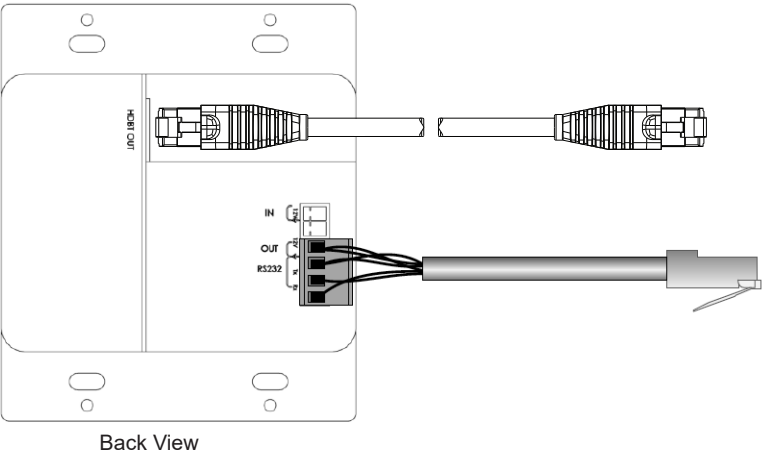
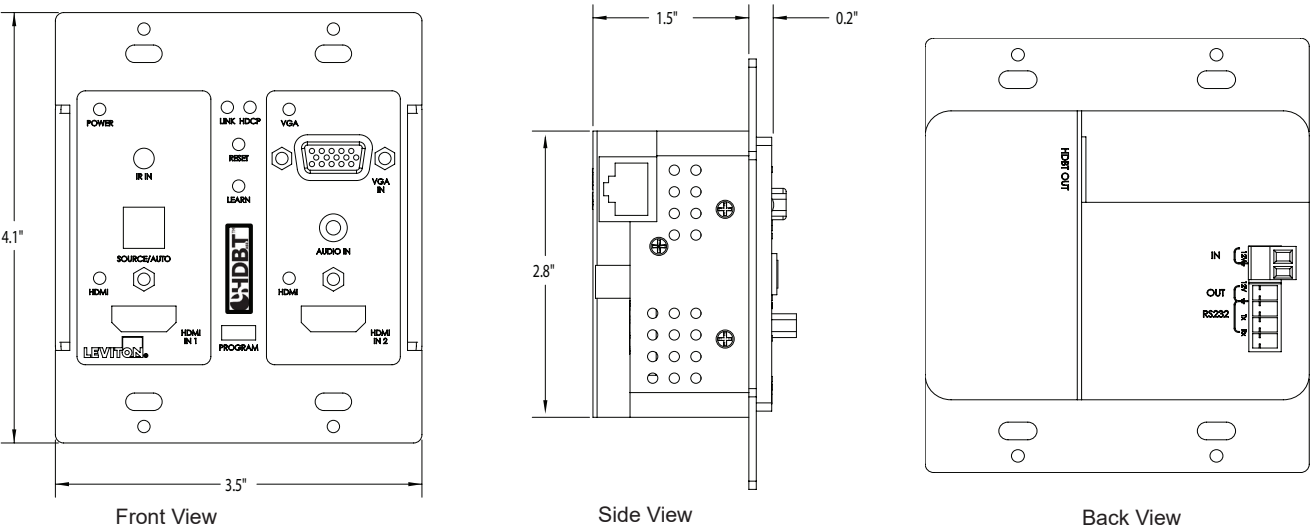
Temperature
0 °C to +50 °C (+32 °F to +122 °F)

COUNTRY OF ORIGIN

China

WARRANTY INFORMATION

For Leviton product warranties, go to Leviton.com/ns/warranty



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	Part No.
HDMI® & VGA Autoswitching HDBaseT™ Extender Wallplate	41920-HRC

For further support information, visit Leviton.com/ns/support