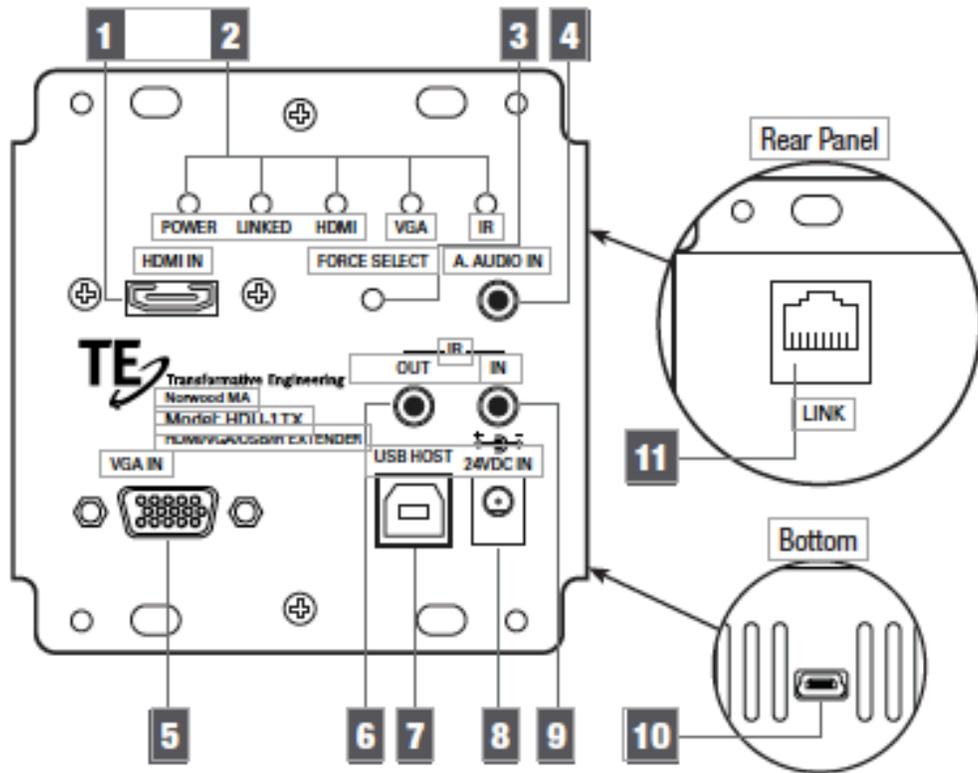


Controller Connections

TRANSMITTER/CONTROLLER CONNECTIONS



- 1** HDMI In
- 2** Indicator Lights
- 3** Force Select
- 4** Audio In
- 5** VGA Input
- 6** IR Out

- 7** USB Host
- 8** Power In
- 9** IR In
- 10** Mini USB (Bottom)
- 11** Link Out (Rear)

TRANSMITTER/CONTROLLER FUNCTIONS

1 HDMI In – This standard HDMI connection is v1.4a compatible and will pass all video and audio signals thru to the output. This device is compatible with all signals up to resolutions of 1920x1080 and 1900x1200. It is not 3D compatible.

2 Indicator Lights – Shows when (a) Power is being applied to the Controller, (b) 'LINKED' when the HDBase-T Receiver is connected, and (c) 'HDMI' when the HDMI signal is selected and should result in a stable picture. HDMI light flashes when HDMI is connected, but not selected. The same is true of the VGA light. (d) When the VGA Input has been selected, and (e) When IR signals are being processed.

3 Force Select – This manual button can select which input you desire routed to the HDBaseT Receiver Module. The row of indicator lights will show which input (HDMI or VGA) you have chosen. Unless a manual choice is activated, the Controller will actively select either the VGA or HDMI inputs, whichever is present. If both are present, the HDMI input has priority. Pressing the FORCE SELECT button will stop the auto-select function. To resume Auto Select, hold the FORCE button down for four seconds.

4 Audio In – Designed to accept line-level (high impedance) stereo signals for transmission to the HDBase-T Receiver module. Useful for background or program music or narration, or as a program audio track.

5 VGA Input – Designed to accept a standard VGA computer signal at resolutions up to 1900x1200.

6 IR Out – Infra-Red pathway designed to accept an IR emitter. The insertion of this IR signal is done at the HDBase-T Receiver Module (See Page 8, Item 6). NO DONGLE IS REQUIRED AT IR OUT.

7 USB Host – Connection of your USB-enabled keyboard, mouse, or webcam device. This synchronous path between the HDBaseT Receiver and the HDBaseT Transmitter will support video resolutions up to 1920 x 1080 and will support video resolutions up to 1920 x 1080.

TRANSMITTER/CONTROLLER FUNCTIONS

8 Power In – This receptacle accepts the supplied 24V DC Power adapter. Do not substitute any other device or possible damage or operational defects may occur. This may optionally be powered from the HDBase-T Receiver side by connecting Power Supply to the HDBase-T Receiver (See Specifications pg 6).

9 IR In – Infra-Red pathway for sending IR commands to the HDBase-T Receiver Module. This is sent over the UTP connection and decoded within the HDBase-T Receiver. IT IS IMPORTANT TO NOTE THAT THIS IS A POWERED CONNECTION, DESIGNED FOR A “XANTECH”-TYPE PICKUP. Utilization of this pathway as a “passive” IR inserter MUST include the mini-jack dongle included in the accessory kit. IR commands coming from a control system (Crestron, Control4, etc) must be routed thru the IR dongle which is then connected to this input. FAILURE TO DO SO WILL RESULT IN NON-OPERATION OF YOUR IR. Connection of a “Xantech” –type pickup may be directly connected here (NO DONGLE) which will power the pickup and insert the IR commands.

10 Mini USB (Bottom) – For Firmware updates (provided if necessary) by Transformative Engineering. DO NOT attempt to connect this port for any other reason. Loss of all operation may result.

11 Link Out (Rear) – Connect to the Category wire for transmission of all signals between the Transmitter/Controller and the HDBase-T Receiver Modules. The length of this wire is limited to 30 Meters (100 feet) to obtain our rated specifications for performance.

Please Note: The HDU-1 supports resolutions up to 1080P or WUXGA. If your computer and TV are "sync'd" but you do NOT have video, please check your computer's output resolution and confirm that it is at or below 1080p.