

# Two-Input Wall Plate Switcher for HDMI and VGA Inputs with HDBaseT Output

*AT-HDVS-150-TX-WP Installation Guide*



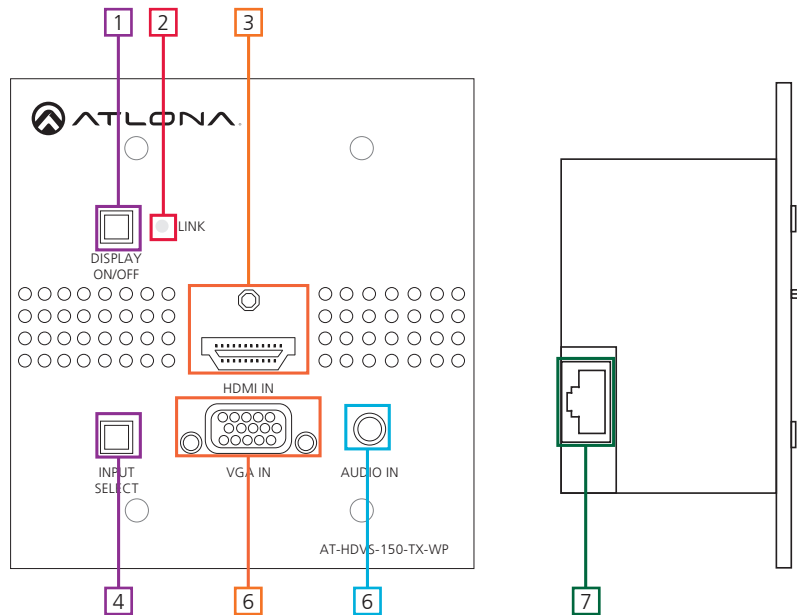
Please check <http://www.atlona.com/product/AT-HDVS-150-TX-WP> for the most recent **firmware update** or **manual**.

The Atlona AT-HDVS-150-TX-WP is a 2x1 wall plate switcher with display control for HDMI and VGA transmission over HDBaseT™. It features an HDMI input plus VGA input with 3.5mm audio connector and a two-gang, US or UK two-gang wall plate. Plates without buttons are also available (AT-HDVS-TX-WP-NB). Designed as a remote input device for the AT-UHD-CLSO-824 matrix switcher, the AT-HDVS-150-TX-WP combines the benefits of a switcher with built-in auto-switching and the advantages of long-distance HDBaseT signal extension over a single cable. HDMI signals up to 4K/UHD @ 60Hz with embedded audio, VGA input signals up to 1920x1200 video, and control signals can be extended up to 230 feet (70 meters). The switcher enables auto display on/off, auto-switching, along with other features. The switcher receives power from the AT-UHD-CLSO-824 using Power over Ethernet. The AT-HDVS-150-TX-WP fits inside any 40 mm deep two-gang electrical box or mud ring and is ideal for long distance transmission and display control in corporate or educational settings using analog and digital sources.

## Package Contents

- 1 x AT-HDVS-150-TX-WP
- 1 x Wall plate covers (US)
- 4 x US wall plate screws
- 2 x UK wall plate screws
- 1 x Installation Guide

## Panel Description



1. DISPLAY ON/OFF button: Sends RS-232 trigger command when used with a compatible receiver  
(**ex.** AT-UHD-CLSO-824 - see CLSO manual for instructions)  
**Note:** If DISPLAY ON/OFF button is held for 5 seconds it will switch the baud rate between 115200 or 9600
2. LINK LED: Illuminates when receiving power/signal from compatible receivers  
(**ex.** AT-UHD-CLSO-824)
3. HDMI IN: Connect HDMI source here
4. INPUT SELECT button: Use to switch between VGA and HDMI source  
Button will illuminate blue for HDMI  
Button will illuminate red for VGA
5. VGA IN: Connect VGA source here
6. AUDIO IN: Connect analog audio here (for use with VGA input only)
7. RJ45 port: Connect compatible HDBaseT receiver (**ex.** AT-UHD-CLSO-824) here

## US and UK Face Plate Change

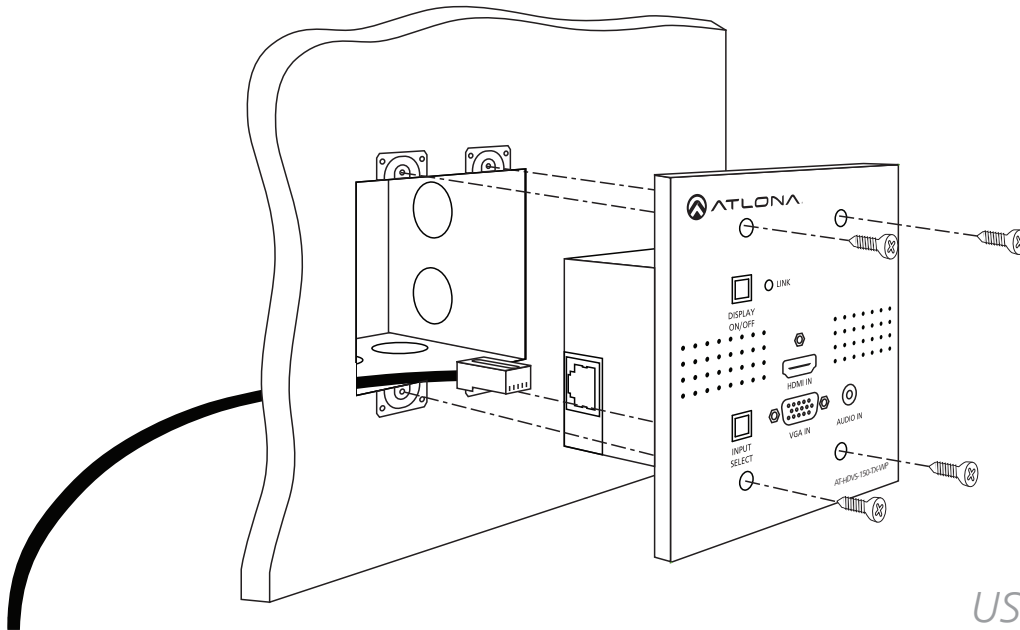
When switching the product between US and UK face plates, screws will need to be removed.

The screws that need removal are the locking screws for the HDMI and VGA ports. There are 3 total to remove. The top white face plate can be removed once those have been taken out.

Once the faceplate is off, the new face plate can be placed back on the unit. Reattach the HDMI and VGA screws, then the unit is ready to be used.

## Wall Plate Installation

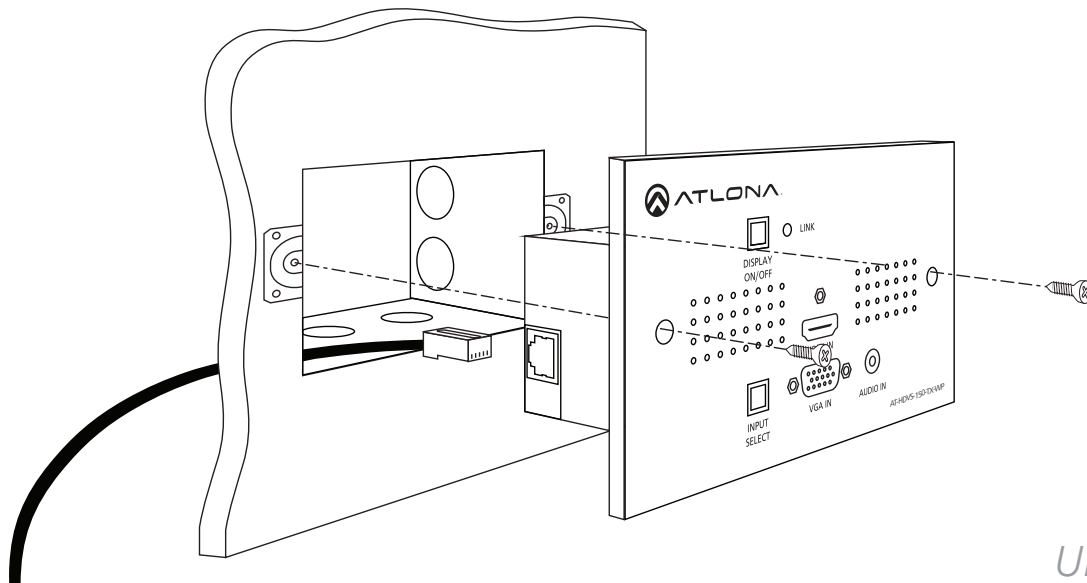
The HDVS-150-TX-WP will fit in any 2 Gang (US & UK) electrical box or mud ring (that is at least 40mm deep).



US

When installing the US version, use the four shorter screws. Thread the screws through the face plate into the back box (as shown above).

**Note:** Be sure to plug the CAT cable into the back of the wall plate before full installation



UK

The UK wall plate screws will be the longer than the US screws. Thread the screws through the two holes in the UK wall plate and into the back box (as shown above).

**Note:** Be sure to plug the CAT cable into the back of the wall plate before full installation

## Set Up

RS-232 control is available when used with appropriate power supply and HDBaseT receiver (AT-UHD-CLSO-824) with RS-232 capabilities.

The display on/off button can be used to transmit the following commands:

WP\_Display[a]\$ [a] ? , On , Off Display On/Off control

To change inputs, the HDVS-TX should receive these commands:

WP\_Input[a]\$ [a] ? , Hdmi , Vga Select input source

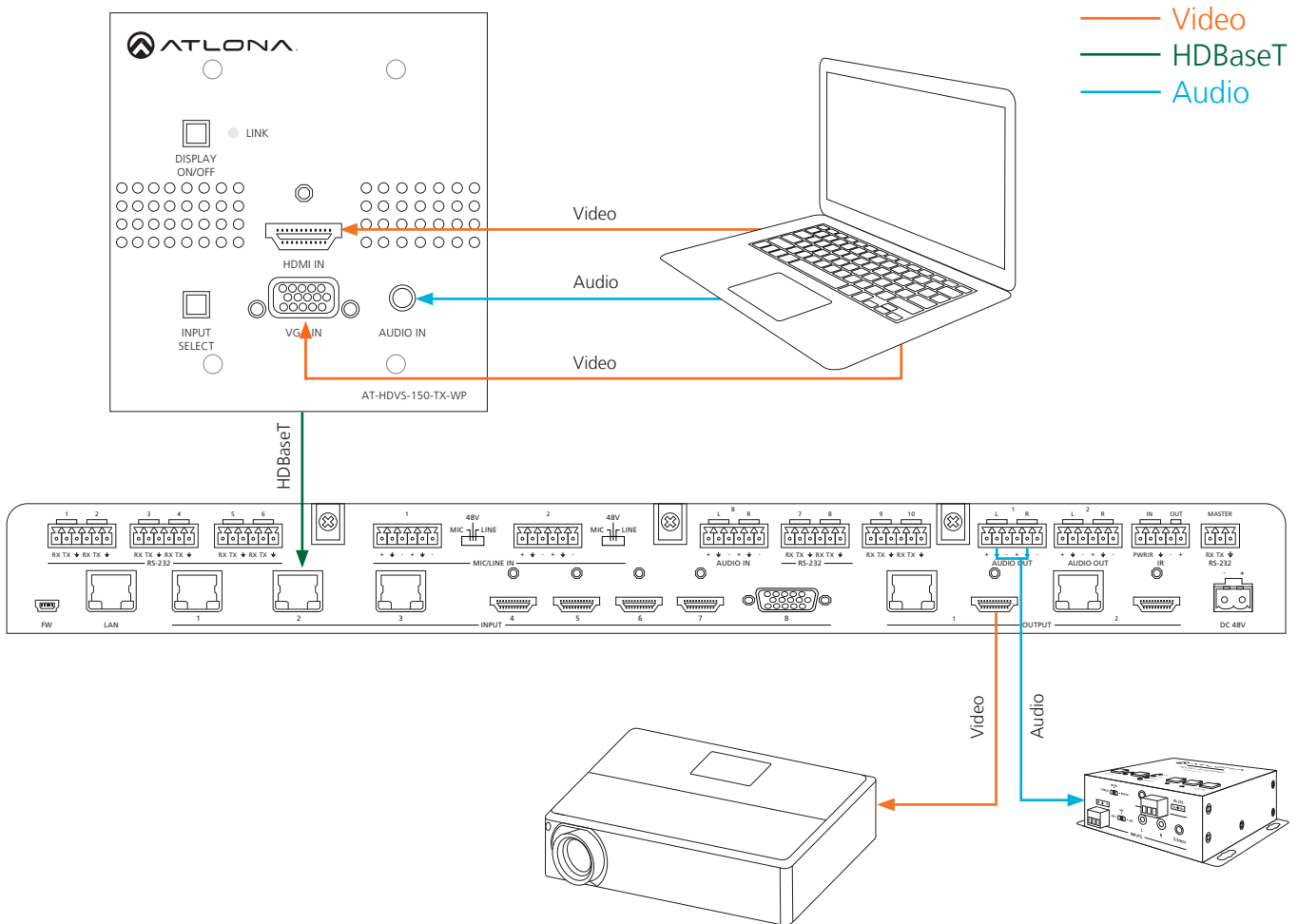
The port settings for the control device are:

115200 bps, 8 bit data length, No parity bit, 1 bit stop-bit, No flow control

**Note:** To set the port to 9600, press and hold the display on/off button

**Note:** Each command is terminated with a carriage return

## Connection and Installation



## Troubleshooting

1. Can I use this unit with an AT-HDVS-200-RX?

We do not recommend this combination, as this will result in limited functionality of both products and you will be unable to program settings into either one.

2. How do I program settings into this product?

Settings are programmed into the RX side, using the RX software (included in the AT-HDVS-150-RX firmware file, under "setup.exe").

3. How do I check the firmware version?

You can check the firmware version of the TX by accessing the On-Screen Display (OSD) on the RX side. Please note that you will need to have the TX and RX directly connected to each other via HDBaseT for this to work.

5. How do I update the firmware?

You can update the firmware through USB. Please note that you will need a USB A to Mini B cable, and you will have to remove the unit's faceplate to access the USB port.

6. Does this device have a webGUI?

No, this unit does not have a webGUI.

7. Is this unit compatible with AMS?

No, this unit is not compatible with AMS.

8. Does this unit support free-running analog audio?

No. Analog audio on the AT-HDVS-150-TX-WP requires a VGA signal.