

**Model** : ATZ HDBT-E70-WPVD

**Description** : HDBaseT Sender Wall Plate for HDMI/VGA/DP/Audio (70m)



ATZ HDBT-E70-WPVD is a multiple functional switcher that switches input from different formats to display via HDBaseT. It supports 1x DP, 1x HDMI and 1x VGA+3.5mm audio inputs. It supports selection between HDMI, VGA and DP manually or automatically (last-in-first-out or Last-input priority\* if the current input device is turned off or unplugged). Supports resolution up to 4k@30hz, with POC(power over cable), and POE function, power only required at either end of HDBaseT Sender or Receiver. It can transmit up to 70m at 1080p@60, and 4K@30 to 40m.

*\*Priority mode feature to fix to last input even with new input detected.*

## Features:

- Supports 1080P 3D, and up to 4K30
- Supports HDCP1.4
- Transmission distance: 70m at 1080P60, 40m at 4K30 via Cat5e/Cat6
- Supports POC(power over Cable)
- LED working indicator

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## Specifications:

<b>Video</b>	
HDMI Compliance	HDMI 3D, 4K
VGA Compliance	VESA
HDCP Compliant	Yes
Distance	70m on 1080p@60Hz 40m on 4Kx2K@30Hz@24bit
Max Resolution	4K*2K
Bandwidth	10.2Gbps
<b>Connectors</b>	
Input	1x HDMI 1x DP 1x VGA 1x Audio
Output	1x HDBaseT (RJ45)
<b>Mechanical</b>	
Control	Button, Automatic
Dimensions	UK type
Net Weight	195g
Package Size	204 x 151 x 60mm (L/W/H)
Gross Weight	1.257lbs[330g]
<b>Power</b>	
Power Supply	DC 12V 1.5A
<b>Environmental</b>	
Operation Temperature	32~131°F [0~55°C]
Storage Temperature	-4~185°F [-20~85°C]
Relative Humidity	5~95% RH [no condensation]

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**Panel:**



	Name	Functions
<b>Indicator</b>	VGA	VGA signal indicator, flashing means connected, stable light means being selected
	HDMI	HDMI signal indicator, flashing means connected, stable light means being selected
	DP	DP signal indicator, flashing means connected, stable light means being selected
	LINK	Stable light means connected with Receivers successfully
	MANUAL	press button (HDMI / VGA / DP)
	AUTO	Automatic mode (Long press the DP button for 5S, you can switch to AUTO mode )
	PRIOR	Priority mode (Long press the DP button for 5S, you can switch to PRIOR mode)
	POWER	When power either by adapter or POC from Rx will light up
<b>Ports</b>	VGA PORT	Female VGA input port
	HDMI PORT	Female HDMI input port
	DP PORT	Female DP input port

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	AUDIO	3.5mm audio embedded for VGA input
<b>Rear Panel</b>	OUT	POC out
	IN	POC IN
	POC	PoC function jumper
	POE	POE function jumper
	B	12V POC jumper
	R	24V POC jumper

### Switching instruction:

This is the simple version, support to select the input port by manual, and also support automatically detect the last one input. If unplug the currently active input, there are still two input sources connected, then need to select by manual.

**Manual** mode, the MANUAL light is on, users can press buttons to manually switch the HDMI, VGA, DP signals.

**AUTO** mode: Press the DP button for 5 seconds: From manual mode to automatic mode, the AUTO light is on.

Under this mode It will automatically recognize the last one input.

The HDMI light is green indicating that the signal is recognized. You can distinguish whether there is a signal according to the color of the indicator.

**PRIOR** mode: Long press DP 5 seconds from automatic to priority mode.

Under this mode it will automatically recognize the last one input.

Users also can set the priority signal, only this priority signal can be recognized.

Long press HDMI 12 seconds setting to read external EDID, long press HDMI 10 seconds default internal EDID is 4K30, long press VGA10S default internal EDID is 1080P.

### Steps:

1. Check the usage environment. You can connect the monitor directly through the notebook to ensure that the signal source sound is normal and the monitor can recognize the sound normally.
2. Internal and external EDID switch

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Connect the computer directly to the monitor to determine whether the monitor can recognize the external EDID.

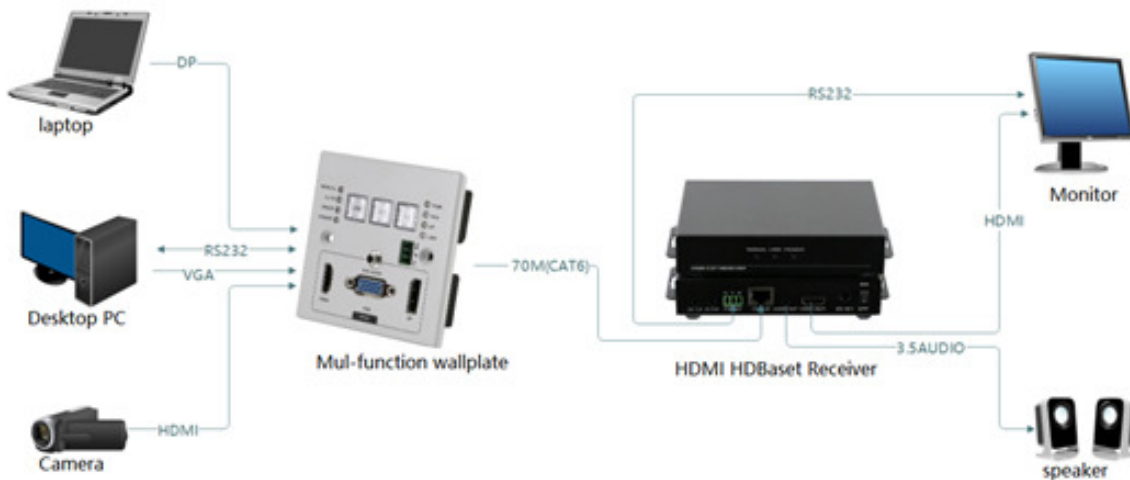
When the monitor can be recognized by the TX RX normally, the model of the back-end monitor can be seen in the computer display settings, and the sound is displayed normally at this time.

If EDID recognition fails, you need to call the internal EDID

Long press P1 for 10 seconds to switch to internal EDID, the resolution of internal EDID setting is 4K30.

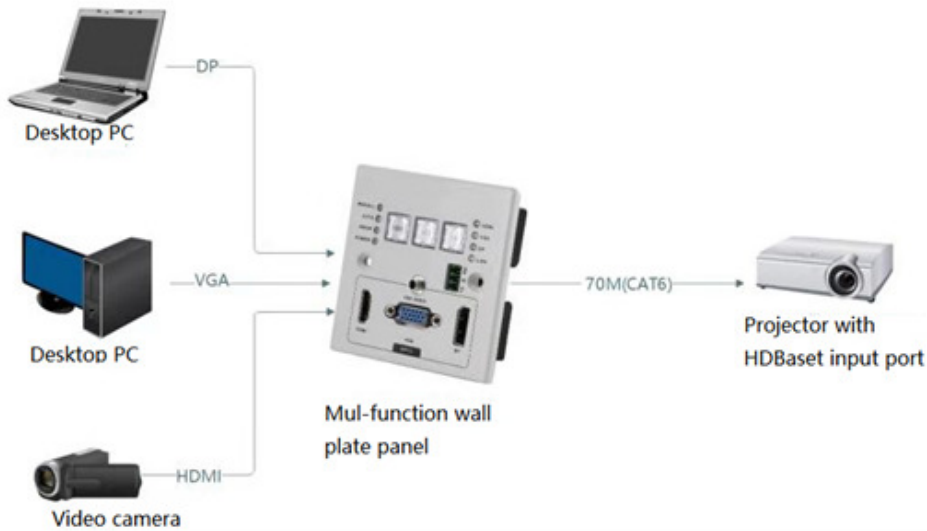
Long press P2 for 10 seconds to switch to internal EDID, the resolution of internal EDID setting is 1080P

**Product Diagram:**



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**Package contents:**

- 1x DP+HDMI+VGA Wallplate (Sender)
- 1x Power adapter
- 1x User Manual

**Warranty: 2 Years**

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.