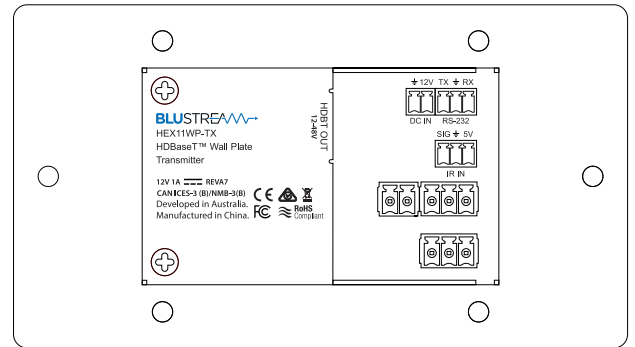
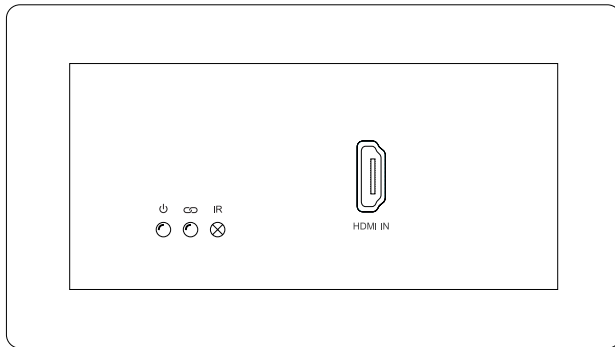


# HEX11WP-TX

## Quick Reference Guide



## Introduction

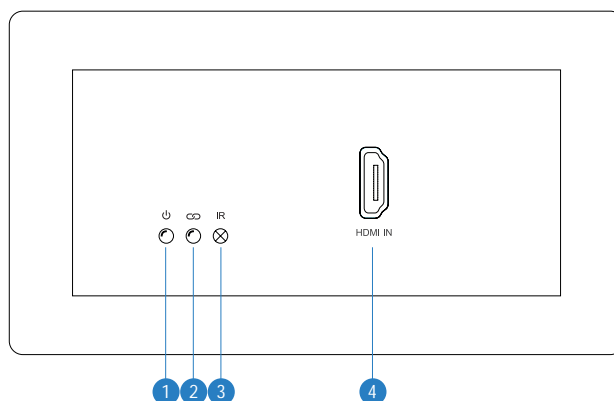
Our HEX11WP HDMI wall plate HDBaseT™ Transmitter is a 4K solution that extends HDMI up to 70m at 1080p (40m at 4K 60Hz 4:2:0). The HEX11WP-TX has been designed to work with all Blustream HDBaseT™ Receiver and Matrix solutions, be installed in both UK and European backboxes and can be powered locally or from compatible Blustream HDBaseT™ products.

### FEATURES:

- Advanced HDBaseT™ technology offering distribution of video and audio over a single CAT cable
- Supports 4K UHD video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extends HDMI at 1080p up to a distance of 70m
- Supports all known HDMI audio formats including Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio transmission
- Supports 12V-48V PoC from compatible Blustream HDBaseT™ Receiver / Matrix products
- Bi-directional RS-232 pass through
- Supports IR pass-through to HDBaseT™ device
- Compatible with all Blustream HDBaseT™ Receiver / Matrix products\*
- Magnetic faceplate surround allowing both UK & EU backbox compatibility
- HDCP 2.2 support

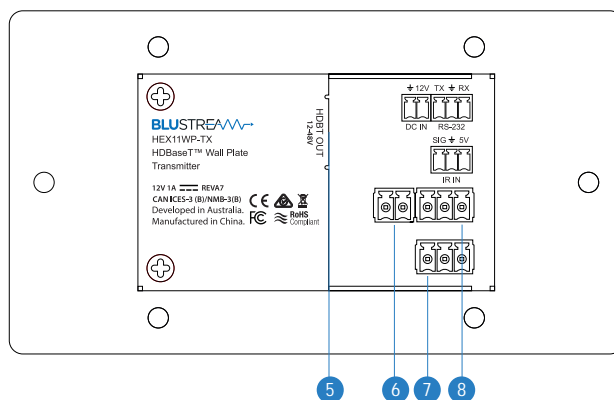
\*Technical performance is subject to the features supported on the connected HDBaseT™ device

## Front Panel Description



- 1 Power status indicator - Illuminates when powered
- 2 HDBaseT™ link status indicator - Illuminates when the Transmitter is connected to a HDBaseT™ Receiver / Matrix product successfully
- 3 IR Receiver - Built in IR sensor for IR passthrough
- 4 HDMI input - Type A HDMI port to connect HDMI source

## Rear Panel Description



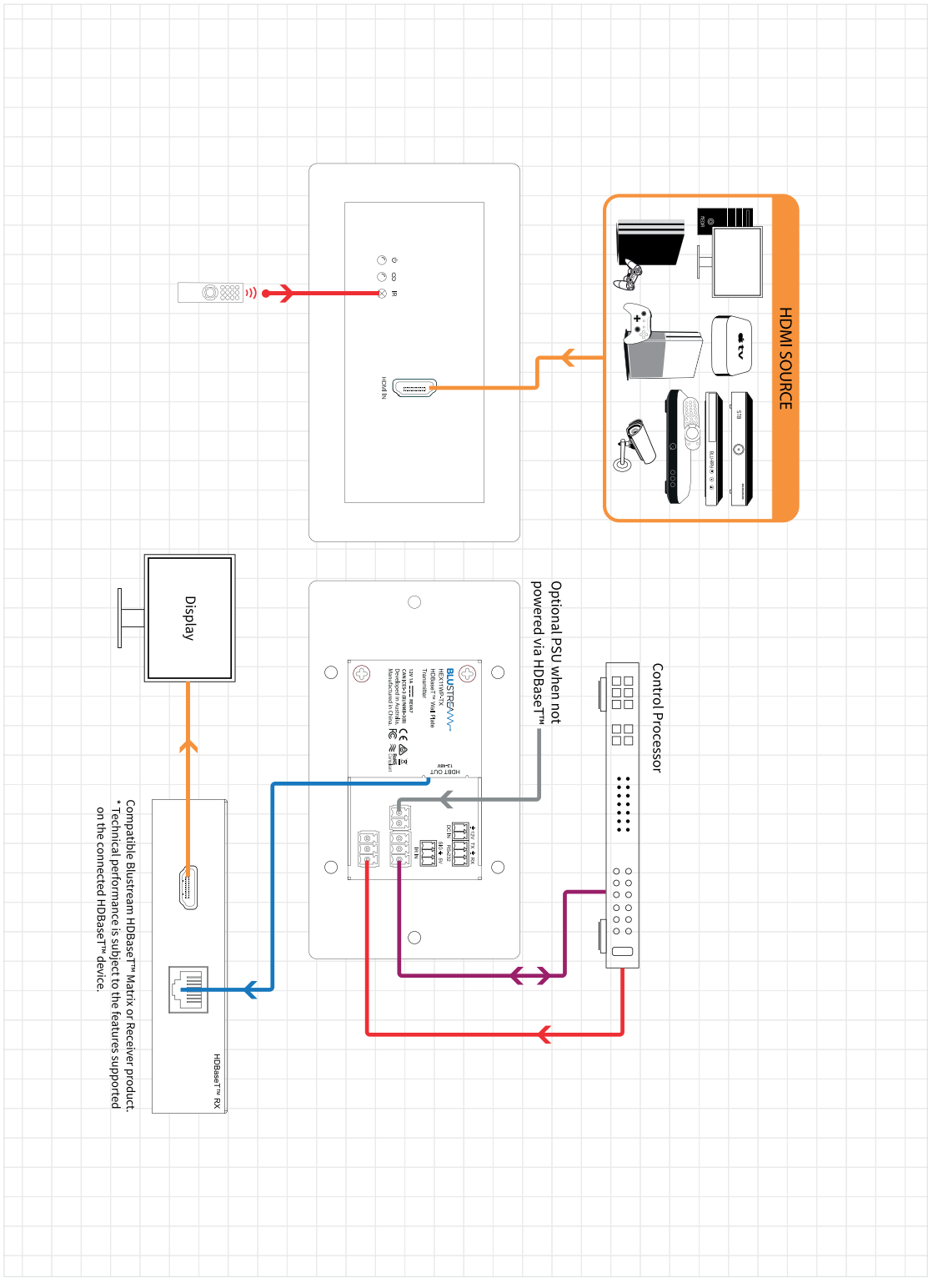
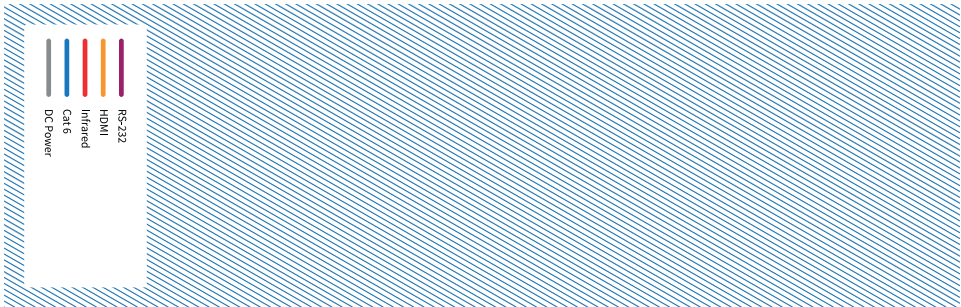
- 5 HDBaseT™ output - RJ45 HDBaseT™ port to connect to the HDBaseT™ input port of the compatible Blustream HDBaseT™ Receiver / Matrix device
- 6 12V DC input - 2-pin phoenix connector to connect to Blustream 12V power supply (supplied)
- 7 IR Receiver Input - 3-pin phoenix connector to connect to Blustream IR Receiver (not supplied)
- 8 RS-232 - 3-pin phoenix connector for RS-232 passthrough to / from compatible Blustream HDBaseT™ device

## EDID Management

Please note this unit does not feature EDID management. As HDBaseT is limited to 10.2Gbps video signals, please make sure your source device only outputs a HDMI signal within this bandwidth. A video signal beyond 10.2Gbps of bandwidth will not be passed through this device resulting in a blank screen.

BLUSTREAM

Example Schematic  
HEX11WP-TX



# Specifications

## HEX11WP-TX

- Video Input Connectors: 1 x HDMI Type A, 19-pin, female
- Video Output Connectors: 1 x HDBaseT™ RJ45 connector
- RS-232 serial port: 1 x 3-Pin Phoenix connector
- IR Input port: 1 x 3-Pin Phoenix connector
- Local power input: 1 x 2-Pin Phoenix connector
- Casing Dimensions (W x H x D): 136mm x 76mm x 44mm (without faceplate)
- Faceplate Dimensions (W x H x D): 146mm x 86mm x 6mm
- Backbox Mounting Depth: 40mm (minimum), 47mm (recommended)
- Shipping Weight: 1.0Kg
- Operating Temperature: 32°F to 104°F (-5°C to +55°C)
- Storage Temperature: -4°F to 140°F (-25°C to +70°C)
- Power Supply: 12V/1A DC

**NOTE:** Specifications are subject to change without notice. Weights and dimensions are approximate.

---

# Package Contents

## HEX11WP-TX

- 1 x HEX11WP-TX
- 1 x 12V/1A DC Power Supply
- 1 x Magnetic Faceplate
- 1 x Quick Reference Guide

---

# Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.