

## 8x8 4K HDMI 2.0 HDBaseT™ CSC AV Matrix with Audio Downmixing

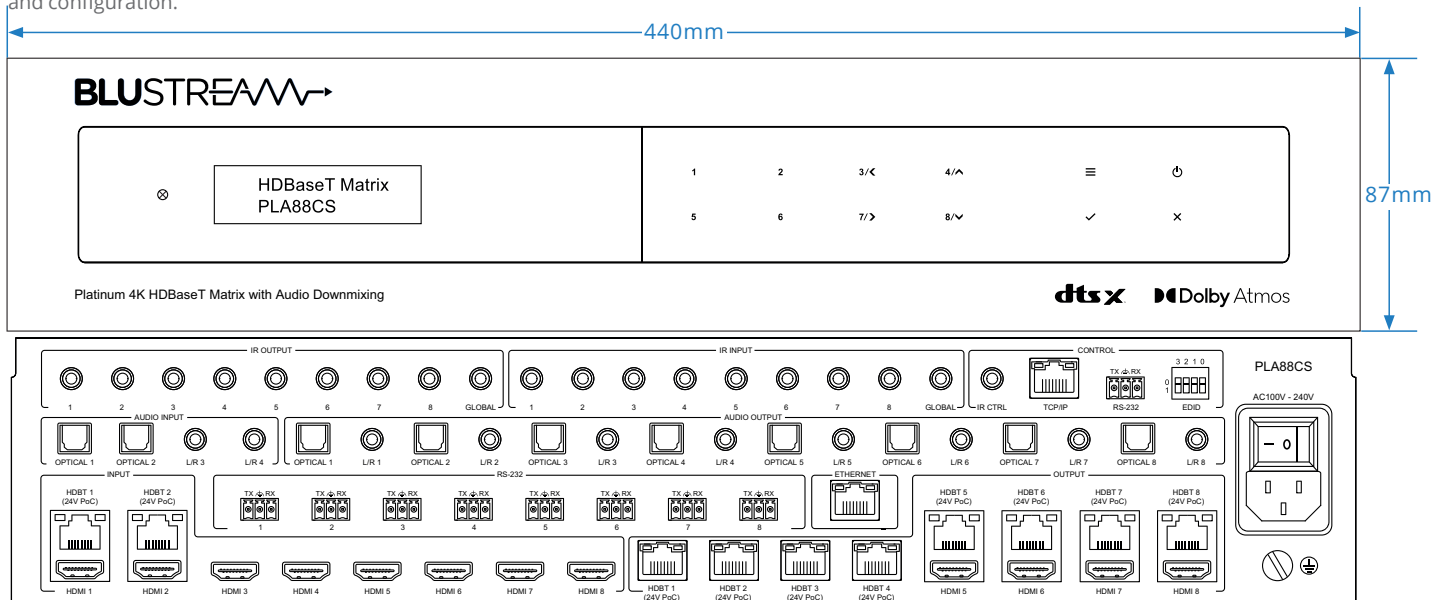
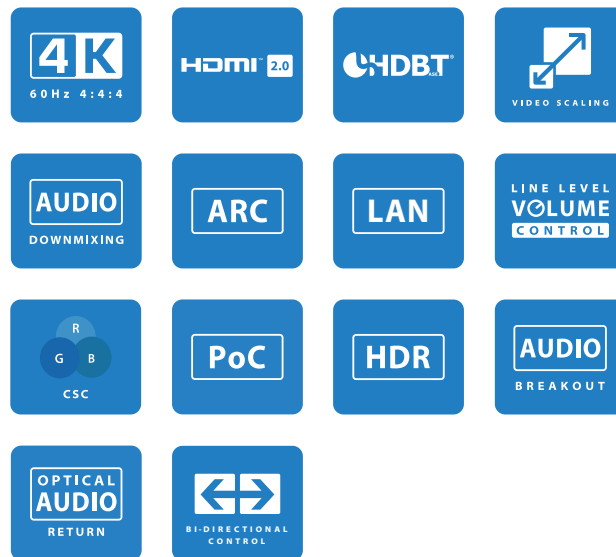
### Description

Our Platinum 8x8 HDBaseT™ CSC Matrix delivers a range of industry leading features. The PLA88CS is a 4K HDMI 2.0 8x8 Matrix, distributing HDMI, ARC, LAN, Bi-directional IR / RS-232 and PoC up to lengths of 150m (1080p) over a single CAT cable.

Advanced optional features include dual HDMI and HDBaseT™ outputs featuring CSC for support of 4K resolutions including 4K 60Hz 4:4:4 colour space, and HDR, with independent down-scaling of 4K video to allow those displays only capable of supporting lower video resolutions to receive 4K video while still showing maximum original UHD resolution on the higher-definition displays.

The Matrix also provides advanced features including independent Dolby Audio® & DTS Audio down mixing on HDMI and audio outputs allowing a mixture of different audio output formats for use with different audio capable displays and AV amplifiers.

The PLA88CS also includes independent audio routing, Audio Return Channel (ARC), Optical (S/PDIF) audio delay for lip sync correction, bi-directional IR and RS-232 pass-through, and a web-GUI for control and configuration.



### Key Features

- Advanced HDBaseT™ technology offering distribution of video and audio over a single CAT cable
- Advanced Colour Space Conversion (CSC) supports HDMI2.0 18Gbps specification including HDR
- 4 Outputs featuring Simultaneous HDBaseT™ and HDMI outputs to allow connection to dual displays per zone
- Extends HDMI up to distance of 150m at 1080p, and 4K UHD video up to 100m (up to 4K 60Hz 4:4:4)
- Features 8x HDMI inputs which can be independently routed to 8x HDBaseT™ + HDMI outputs
- Independent video scaling on outputs
- Supporting Dolby Audio® Technology
- Up to 24x16 Audio Matrix independently controllable from video
- Supports all industry standard video resolutions including VGA-WUXGA and 480i-4K
- Bi-directional IR & RS-232 from all input and output locations (with compatible Transmitters & Receivers)
- Integrated Ethernet (100Mbps) switch (LAN Serving) when used with Blustream RX150CS Receivers
- Web interface module for control and configuration of Matrix
- Control of Matrix via front panel, IR, RS-232 and TCP/IP
- Supports PoC (Power over Cable) to power compatible RX150CS Receivers
- 3rd party drivers available for all major control brands
- HDCP 2.2 compliant with advanced EDID management
- 2U Design for 19" rack mount integration - mounting kit included
- 4x independent analogue L/R audio inputs which can be routed to audio outputs or embedded onto HDBaseT™/ HDMI outputs
- HDMI audio breakout to coaxial digital and analogue L/R audio outputs with variable pre-amp line level control
- Supports ARC (Audio Return Channel) via HDMI or optical digital inputs from compatible RX150CS Receivers
- Supports Dolby Audio® and DTS Audio breakout and down mixing from HDMI inputs to 2ch audio

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## Specifications

- **Casing Dimensions (W x H x D):** 440mm x 87mm x 361mm (without feet)
- **Shipping Weight:** 8.8kg
- **Operating Temperature:** 32°F to 104°F (0°C to +40°C)
- **Storage Temperature:** -4°F to 140°F (-20°C to +60°C)

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

## Connectivity

- **Video Input Connectors:** 8 x HDMI Type A, 19-pin, female, 2 x HDBase™ RJ45 connectors
- **Video Output Connectors:** 4 x HDMI Type A, 19-pin, female, 8 x HDBase™ RJ45 connectors
- **Audio Input Connectors:** 2 x Analogue audio L/R (3.5mm stereo Jack), 2 x Optical (S/PDIF)
- **Audio Output Connectors:** 8 x Analogue audio L/R (3.5mm stereo Jack), 8 x Optical (S/PDIF)
- **RS-232 Serial Port:** 9 x 3-pin Phoenix connector
- **TCP/IP Control:** 1 x RJ45, female
- **Ethernet/Network:** 1 x RJ45, female
- **IR Input Ports:** 10 x 3.5mm stereo jack
- **IR Output Ports:** 9 x 3.5mm mono jack

## Included Accessories

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Power Supply</b>    | Internal 100-240V AC                   |
| <b>Kit Accessories</b> | 1 x 2U Rack Height, Rack Ears Included |

## Regulatory Compliance



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