

**SW-HBT4K-C6-4X4E**  
4X4 HDMI HDBASET MATRIX SWITCHER  
WITH PoE/IR/RS232/Ethernet/4K



**HDBaseT HDMI Matrix Switcher**

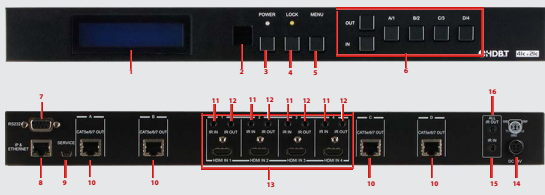
**KEY FEATURES**

- HDMI input with 3D & 4Kx2K (UHD), 1080p, HDCP and DVI compliant;
- Video Bandwidth from 340 MHz/10.2 GBs;
- PC Resolutions from VGA (680x480) to WUXGA (1920x1200);
- HD Resolutions 4Kx2K (3840x2160@30Hz and 4096x2160 @24Hz), 1080p (1920x1080@60Hz);
- Supports CEC bypass;
- Distance provided by HBT-C6PLT-R is 60M over CAT5/6/7 and HBT-C6POE-R 100M over CAT5/6/7;
- 3D Support;
- 5Play™ convergence: HDMI, LAN, PoE & Bi Directional Control.

**MECHANICAL SPECIFICATIONS**

<b>Housing</b>	Metal Case
<b>Dimensions / Net Weight</b>	9.8" x 17.1" x 1.7" / 7.3lbs
<b>ESD Protection</b>	Human body model — ±8kV (AGD) & ±4kV (CD)
<b>Power Supply</b>	24V 3.75A DC / 110-240V
<b>Power Consumption</b>	66 W (PoE)
<b>Operating Temperature</b>	0~40°C [32~104°F]
<b>Storage Temperature</b>	20~60°C [-4~140°F]
<b>Relative Humidity</b>	20~90% RH [No Condensation]

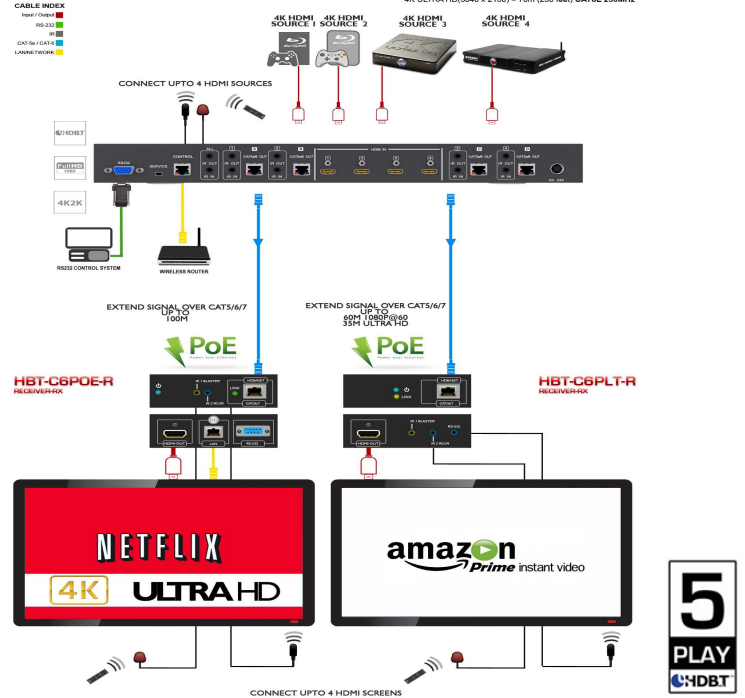
**PANEL DESCRIPTION**



- |                             |                      |                             |
|-----------------------------|----------------------|-----------------------------|
| <b>1</b> Front Panel Menu   | <b>2</b> IR          | <b>3</b> Power Button       |
| <b>4</b> Lock Button        | <b>5</b> Menu Button | <b>6</b> A-D/I~4 and In/Out |
| <b>7</b> RS 232             | <b>8</b> LAN         | <b>9</b> Service            |
| <b>10</b> CAT5e/6/7 OUT 1~8 | <b>11</b> IR IN 1~4  | <b>12</b> IR OUT 1~4        |
| <b>13</b> HDMI IN 1~4       | <b>14</b> Power Jack | <b>15</b> ALL IR IN         |
| <b>16</b> ALL IR OUT        |                      |                             |



**SW-HBT4K-C6-4X4E**



**ITEM**

**SPECIFICATION**

<b>Description</b>	4K HDBaseT HDMI Matrix Switcher with IR/RS232/PoE/4k2k support
<b>Output Displays</b>	480i~1080p@50/60, 1080p@24, 3D, 4K@30 (3840x2160, 4K2K@24 (4096x2160)
<b>Video Bandwidth</b>	300 MHz (10.2Gbps)
<b>LAN / Ethernet</b>	100Mbps
<b>HDCP Video Compliance</b>	Yes
<b>HDMI Connector</b>	Type A (19 pin female)
<b>Audio Support</b>	LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio
<b>IR Frequency</b>	30~50kHz
<b>Input</b>	4×HDMI, 5x 3.5mm Stereo jack IR Extender 1x 9pin Dsub, RS-232, 1x RJ45 IP Control / LAN Serving, 1x USBMini B (for firmware updates)
<b>Output</b>	4x RJ45 WE/SS 8P8C with 2 LED indicators 5x 3.5mm Stereo jack IR Emitter