

# HDBaseT 4x4 Matrix

## 79055-K Data Sheet

The 4x4 Matrix Switcher with simultaneous HDBaseT and HDMI outputs connects four HDMI sources to eight displays. This matrix features four HDMI outputs, with each HDMI output mirrored to provide a simultaneous HDBaseT output. Any source is routable to any display by selecting it via the supplied IR Remote Control, RS-232, TCP/IP or by using the selection buttons on the front panel. This device supports High Definition Audio, 3D signal compatibility, and 4K resolution. The 79055-K also includes 4 75ft Plenum-rated, shielded HDBaseT cables, and 4 HDBaseT receivers.

### Features:

- Supports resolutions up to 4Kx2K@30Hz
- HDBase-T outputs transmit video, audio, and control up to 230 ft (70m)
- 4 HDMI inputs, 4 mirrored HDBase-T and HDMI outputs
- Supports LPCM7.1ch, Dolby TrueHD, Digital Plus & DTS-HD digital audio formats
- Controllable via IR remote, RS232, TCP/IP & front panel buttons
- 1U rack-mountable form factor
- Includes 4 premium HDBase-T cables & PoH-capable receivers



# HDBase-T 4x4 Matrix

## 79055-K Technical Specifications

<b>Video Bandwidth</b>	297 MHz
<b>Supported Video Resolutions</b>	480i, 576i, 480p, 576p, 720p, 1080i, 1080p24/30/50/60. 4Kx2K@30
<b>Inputs</b>	4x HDMI 5x IR Receivers 1x RS232 (Master) 1x RJ-45 (Control) 4x RS232
<b>Outputs</b>	4x HDBase-T 4x HDMI 4x IR Blaster
<b>ESD Protection (Human-body Model)</b>	± 8kV (Air-gap discharge) ± 4kV (Contact discharge)
<b>Dimensions</b>	17.3" (440mm) x 7.9 (200mm) x 1.7 (45mm)
<b>Weight</b>	4.0 lbs. (1820g)
<b>Temperature</b>	32 ~ 104°F (0 ~ 40°C)
<b>Humidity</b>	20 ~ 90%
<b>Power Consumption</b>	50W (max) 0.5W (standby)
<b>Included in this equipment kit</b>	
<b>1x 79055-H</b>	HDBase-T Matrix Switcher
<b>4x 79055-RX</b>	HDBase-T PoH-capable Receivers
<b>4x 12320a-75-yel</b>	75ft HDBase-T Plenum-rated CAT6a Shielded cables

Specifications are subject to change without notice

