

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

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

Specifications are subject to change without notice

