

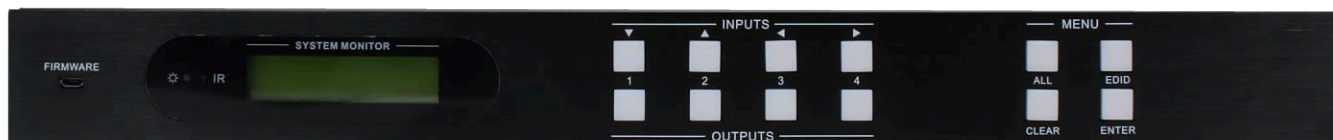
MUH44TP Switcher

79055 Data Sheet

The TEK MUH44TP 79055 is a unique 4K 4x4 HDMI matrix switcher with HDBaseT outputs and EDID & HDCP management. IR and RS-232 inserters Included in the unit for the HDBaseT connections as well as audio de-embedders with both analog and digital outputs. Any input can be routed to any output with support for high resolution 4Kx2K@60hz and 1080p 3D. Except with embedded HDMI audio, the MHD44TP provides 4 auxiliary audio outputs. Audio source is selectable via RS232 command. Selected audio is output via HDMI outputs & HDBaseT outputs and the audio output sockets.

Features:

- 4 HDMI Inputs, 2 HDMI/HDBase-T Outputs & 2 HDBase-T Outputs
- All video/audio independently controllable via RS-232, IR, TCP/IP, or front panel buttons
- Supports video resolution up to 4Kx2K@60Hz
- PoH-compatible on all HDBase-T outputs
- Transmits 1080p video up to 230 ft (70m) or 4K up to 130 ft (40m)
- Shipped fully functional, pre-programmed, and rigorously tested



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79055 Technical Specifications

Inputs	4 HDMI (19-pin, Female) 4 IR IN (Black, 3.5mm mini jack)
Input Impedance	100Ω (Differential)
Outputs	2 HDMI/HDBase-T (19-pin Female/RJ45 Female) 2 HDBase-T (RJ45, Female) 4 Stereo Audio (3 Pin Phoenix) 4 Digital Audio (RCA) 4 IR OUT (Green, 3.5mm mini jack)
Output Impedance	100Ω (Differential)
Bandwidth	10.2Gbps
Supported Resolution	Up to 4Kx2K@60Hz
Switching Speed	200 nanoseconds (max)
Maximum Transmission Distance	1080p: 230 ft. (70m) 4K: 130 ft. (40m)
EDID	EDID Data & Manual EDID Management
HDCP	Supports HDCP 2.2, automatic & manual HDCP management
Stereo Output	200Ω
Coaxial Output	Supports PCM, Dolby, DTS 5.1
Frequency Response	20Hz ~ 20kHz
Control Ports	1 IR EYE (Black, 3.5mm mini jack) 1 TCP/IP (RJ45, Female) 1 Main RS-232 (DB-9, Female) 4 Zone RS-232 (3 Pin Phoenix)
Temperature	-4 ~ 158°F (-20 ~ 70°C)
Humidity	10 ~ 90%
Power Supply	Input: 100 ~ 240V AC Output: DC 24V, 2.71A
Power Consumption	48W (max)
Product Dimensions	19" (483) x 1.73" (44mm) x 9.25" (235mm)
Product Weight	4.4 lbs. (2kg)

Specifications are subject to change without notice