

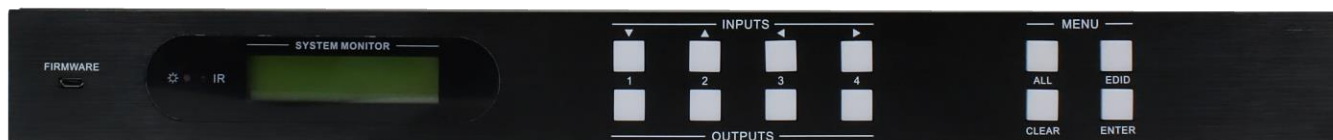
# MUH44TP Switcher

## 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



# MUH44TP Switcher

## 79055 Technical Specifications

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

Specifications are subject to change without notice