



HDBaseT.4x4

HDBaseT 70 Matrix Switch



Clare's HDBaseT 4x4 matrix switch allows any of four HDMI inputs to be routed to one, some or all of four HDBaseT outputs simultaneously, for 70 meter transmission via CAT 5e/6. Parallel HDMI output is provided for secondary audio/video distribution, with locally de-embedded digital audio. Features support to 1080p, PoC to receiver, bi-directional IR and RS232 control, and system control via IR, IP, and RS232 (as well as front panel buttons or the included remote). Includes drivers for easy integration into Clare Controls, Crestron, Control4, Elan, and RTI control systems.

- Supports 1080p, 3D
- HDCP compliant
- Locally de-embedded audio
- 2 parallel HDMI outputs for local monitors
- 70 meter (230 ft) transmission over CAT 5e/6
- PoC
- Smart EDID management
- Bi-directional IR and RS232
- Controllable via front panel, IR, RS232 and/or IP
- Drivers for leading control systems

Technical Specifications

Video	
Input	4 HDMI 1.4a, Type A 19-pin
Output	4 RJ45, HDBaseT
Parallel HDMI out	2 HDMI 1.4a, Type A 19-pin
Bandwidth	6.75 Gbps
Transmission	70 m over CAT 5e/ CAT 6 preferred
Max. resolution	Up to 1920 x 1200 or 1080p at 60Hz
Switching speed	200 ns (max.)
3D	Yes
HDCP	1.3 compliant, auto and manual HDCP management
Audio	
Stereo Audio	20Hz - 25KHz, Phoenix connectors
De-embedded audio	De-embedded locally w/ stereo and 4 SPDIF outputs
Standards	HDMI 1.3c audio formats including Dolby TrueHD and DTS-HD
Set-up and control	
EDID	In-built EDID data and manual EDID management
PoC	4
Bi-directional control	IR and RS232
Switcher control	IR, RS232, and IP
Drivers	Clare, Crestron, Control4, Elan, RTI
General	
Power source	100 VAC - 240 VAC, 50/60Hz
Max. power consumption	25 W
Operating temperature	-4 to 158° F (-10 to 70° C)
Operating humidity	10 to 90% non-condensing
Chassis	1RU
Dimensions (WxHxD)	19 x 1.73 x 9.25 in (483 x 44 x 235 mm)
Weight	4.63 lb (2.1kg)

Optional Accessories

CM-IRRX-10 Cable kit, IR emitter and receiver

By making home technology simple, Clare provides exclusive benefits to integrators, builders, and homeowners. We offer innovative home automation solutions, Class D amplifiers, media distribution, controllable lighting, and IP CCTV components. For more information, visit clarecontrols.com.