# HDBaseT.8x8

**HDBaseT 70m Matrix Switch**



Clare's HDBaseT 8x8 HDMI matrix switcher allows any of eight HDMI inputs to be routed to one, some or all of eight HDBaseT outputs simultaneously, for 70 meter transmission via CAT 5e/6. Parallel HDMI output is provided on ports 1-4 for secondary audio/video distribution, with locally de-embedded digital audio on ports 5-8. 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
- 4 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 | 8 HDMI 1.4a, Type A 19-pin |
| Output | 8 RJ45, HDBaseT |
| Parallel HDMI out | 4 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 | 1.2 compliant, auto and manual HDCP management |

### Audio

| | |
|---|---|
| Stereo audio | 20Hz to 25Hz, Phoenix connectors |
| De-embedded audio | De-embedded locally w/sterep and SPDIF outputs on ports 5-8 |
| 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 | 8 |
| Bi-directional control | IR and RS232 |
| Drivers | Clare, Crestron, Control4, Elan, RTI |
| Switcher control | IR, RS232, and IP |

### General

| | |
|---|---|
| Power supply | 100 - 240 VAC, 50/60Hz |
| Max. power consumption | 55 W |
| Operating temperature | -4 to 158° F (-10 to 70° C) |
| Operating humidity | 10 to 90% non-condensing |
| Chasis | 2RU |
| Dimensions (WxHxD) | 17.3 x 3.5 x 14.9 in (440 x 88 x 380 mm) |
| Weight (approx.) | 9.48 lb (4.3 kg) |

## 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.