

MX-HT2-0808-10

8x8 4K60 4:4:4 HDMI 2.0 HDBaseT Audio-Video Switcher



> Product Description

The Netvio MX-HT2-0808-10 is a premium 8x8 HDMI 2.0 / HDBaseT matrix switcher designed for professional AV environments. Supporting 4K60 4:4:4 HDR and per-output 4K → 1080p scaling, the system delivers uncompromising video quality while ensuring compatibility with legacy displays.

With eight HDMI inputs and eight mirrored HDMI + HDBaseT outputs, installers can route any source to any display with maximum flexibility. Outputs 1–4 extend up to 40 m, while outputs 5–8 extend up to 70 m with HDBaseT Ethernet support.

The matrix integrates a full independent audio matrix featuring four dedicated audio inputs, stereo and coaxial digital audio outputs, and ARC support across all outputs when paired with compatible receivers.

Powerful features such as EDID management (21 presets, 2 user-defined, copy mode), 24 V PoC powering for receivers, and a wide range of control options — including front panel OLED, IR, RS-232, TCP/IP, premier Netvio360 configuration software, NetvioGo end-user app, and third-party drivers (Crestron, Control4) — make the MX-HT2-0808-10 the ultimate installer-friendly solution.

> **Product Features**

- 8x8 HDMI 2.0 Matrix with HDBaseT
- Route eight HDMI sources to eight HDMI + eight HDBaseT outputs simultaneously.
- HDBaseT Extension
 - Outputs 1–4: extend 4K60 4:4:4 up to 40 m (131 ft)
 - Outputs 5–8: extend up to 70 m (231 ft) with HDBaseT Ethernet channel support
- HDR Support
- Full compatibility with HDR10, HDR10+, Dolby Vision, and HLG.
- Independent Audio Matrix with AR
- EDID Management
- PoC Powering
- 24 V Power over Cable supplied to all HDBaseT receivers — no local PSU required.
- Configure with premier Netvio360 software for fast setup and advanced management.

> **What’s Included**

- Matrix Device (RXs sold separately).
- Phoenix connectors for RS-232.
- Rack Mounting brackets.
- Regionalized Power Lead.
- IR TX & IR RX Accessories.
- Remote Control

> **Included Software & Apps**

- Netvio360 Configuration Software
- AppBuilder Software
- NetvioGo End-user application.

> **Specifications**

Audio | Video

- 8x HDMI 2.0b Inputs
- Supports up to a maximum of 16 connected Displays:
 - 4x HDBaseT Outputs supporting 4K60 40m (131ft)
 - 4x HDBaseT Outputs supporting 4K60 70m (231ft)
 - 8x HDMI Mirror Outputs
- 4x Audio Only Source Inputs
- Ability to capture & route ARC audio from displays
- 16x28 Independent Audio Matrix
- Integrated Network Extension over HDBaseT (Outputs 5-8)
- Onboard Netvio Go AV control solution
- Independent analog & digital audio outputs for each zone
- Network Port for LAN Extension (for OPs 5-8).
- 4x Audio Only Source Inputs

Software & Control

- Compatible with Netvio360 for discovery, configuration, security, management & routing.
- Independent control signal routing of IR, RS-232 & CEC.
- Available control system drivers include Crestron, Control4, Savant, RTi, Elan & Q-SYS.
- Onboard Netvio Go-AV Control, a license-free app, provides a compelling alternative to traditional control systems. Tailored for a streamlined and less complex AV experience.
- Onboard IR & RS-232 ports, with signal routing via control system.

Works with.....

- RX-HT2-40-10 40m (131ft) 4K60 PoC HDBaseT Receiver with IR & RS-232
- RX-HT2-40-20 40m (131ft) 4K60 PoC HDBaseT Receiver with ARC Capture, IR & RS-232
- RX-HT2-70-10 70m (231ft) 4K60 PoC HDBaseT Receiver with LAN extension, ARC Capture, IR & RS-232

Electrical & Mechanical

- 5-Year product warranty (subject to terms & conditions)
- Product Approvals CE, UKCA, FCC, RoSH
- Product Dimensions: W: 440 mm (17.3”) × D: 373 mm (14.7”) × H: 88 mm (3.5”)
- Package Dimensions: W: 550mm x D: 445mm x H: 160mm
- Unit Weight | 6.9kg
- Operating temperature | 32 °F to 104°F / -20 °C to 60°C
- Storage temperature | -4 °F to 140°F / -20°C to 60°C

> Connectivity

• Inputs

- 8 × HDMI 2.0 (up to 4K60 4:4:4, HDR, HDCP compliant)
- 4 × Dedicated audio inputs (stereo analog / coaxial digital)

• Outputs

- 8 × HDMI mirrored outputs (local monitoring or cascading)
- 8 × HDBaseT mirrored outputs
- Outputs 1–4: up to 40 m / 131 ft @ 4K60 with RX-HT2-40-10/20
- Outputs 5–8: up to 70 m / 231 ft @ 4K60 with RX-HT2-70-10 (HDBaseT Ethernet supported)
- 4K → 1080p scaling per output

• Audio

- Independent audio matrix
- 8 × Stereo analog audio outputs (de-embedded, independently switchable)
- 8 × Coaxial digital audio outputs
- ARC supported on all outputs with RX-HT2-40-20 or RX-HT2-70-10

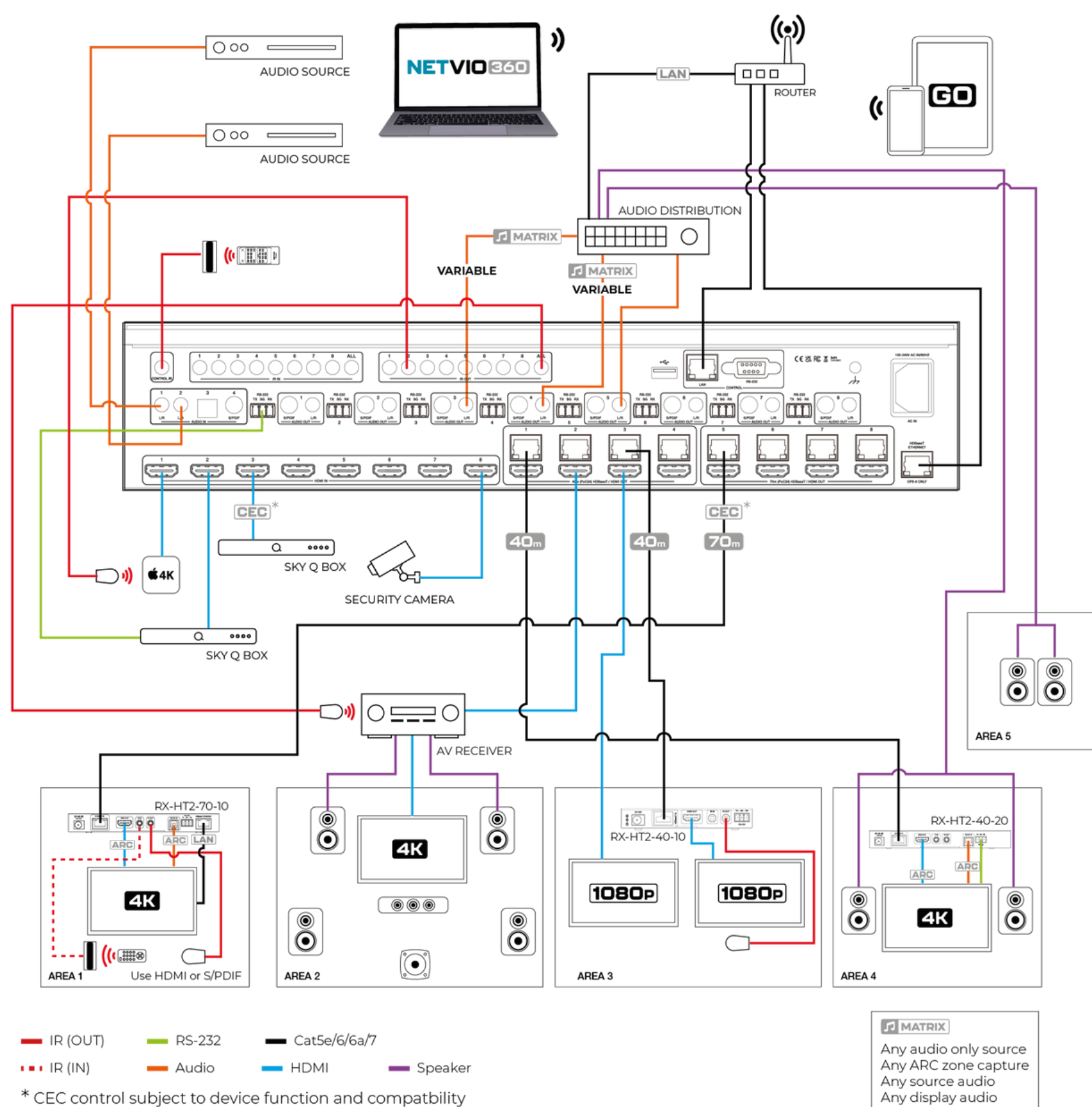
• Control

- Front panel OLED with menu navigation
- 1 × IR (matrix control)
- 8 × IR receive ports (per zone)
- 8 × IR transmit ports (per zone)
- 1 × RS-232 (matrix control)
- Zoned RS-232 pass-through via HDBaseT outputs 1–8 (display / peripheral control)
- 1 × LAN (TCP/IP) for configuration & control
- Netvio360 configuration software
- NetvioGo end-user app (iOS/Android)
- Third-party drivers (Crestron, Control4, etc.)

• Power

- 1 × IEC AC input (integrated PSU)
- 24 V PoC powering for connected HDBaseT receivers

> Wiring Diagram



> Integrations

- NetvioGO End-User Application (Free)
- NetvioGo integrations including Blaze, LEA, Powersoft, Symetrix, Cloud, Yamaha, plus many other AV devices.
- Control System Drivers including Crestron, Q-Sys, Control4, RTI, Elan

> Receiver Options



RX-HT2-40-10



RX-HT2-40-20



RX-HT2-70-10

> HDBaseT Matrix Receiver Compatibility (sold separately)

Matrix Outputs	Compatible RX Model	Max Distance @ 4K60 4:4:4	ARC Support	HDBaseT Ethernet	Notes
Outputs 1–8	RX-HT2-40-10	40 m / 131 ft	No	No	Notes
Outputs 1–8	RX-HT2-40-20	40 m / 131 ft	Yes	No	Notes
Outputs 5–8	RX-HT2-70-10	70 m / 231 ft	Yes	Yes	Notes

> A&E Description

Architects & Engineers Specification — MX-HT2-0808-10

The matrix switcher shall be an 8×8 HDMI 2.0 / HDBaseT system supporting resolutions up to 4K60 4:4:4 HDR and capable of per-output down-scaling to 1080p. It shall provide eight HDMI inputs and eight mirrored HDMI + HDBaseT outputs, with HDBaseT outputs 1–4 supporting extension up to 40 m (131 ft) and HDBaseT outputs 5–8 supporting extension up to 70 m (231 ft), including HDBaseT Ethernet channel support.

The device shall support HDR10, HDR10+, Dolby Vision, and HLG. It shall feature a fully independent audio matrix with four dedicated audio inputs, stereo analog outputs, and digital coaxial outputs. ARC shall be supported across all outputs when paired with compatible HDBaseT receivers.

The system shall include EDID management with 21 factory presets, 2 user-defined modes, and copy functionality for maximum source/display compatibility. 24 V Power over Cable (PoC) shall be supplied to all HDBaseT receivers.

Control and configuration shall be available via front-panel OLED and buttons, IR, RS-232, TCP/IP, Netvio360 configuration software, NetvioGo end-user app, or third-party drivers including Crestron and Control4.

The system shall require separate HDBaseT receivers (sold separately) for extended outputs.

The unit shall be the Netvio MX-HT2-0808-10.