NETVIO

MATRIX

MX-HT2-0806-10

4K60 4:4:4 8x8 (6+2) HDMI 2.0 HDBaseT Matrix Switcher



> Product Description

The Netvio MX-HT2-0806-10 is a high-performance 8×8 matrix built for uncompromised 4K60 4:4:4 video distribution in larger AV installations. Featuring eight HDMI inputs, two HDMI direct outputs, four HDBaseT outputs up to 40 m (131 ft), and two HDBaseT outputs up to 70 m (231 ft) with RX-HT2-70-10 receivers, it gives installers the flexibility to cover even complex floor plans.

Every output includes 4K to 1080p scaling for mixed-display systems. HDBaseT outputs (3–8) provide stereo audio breakout at the receiver and zoned RS-232 pass-through for controlling displays or local devices. Control of the matrix itself is via LAN, RS-232, IR, or front-panel, with seamless integration into the NetvioGo app and third-party control systems.

Powerful, flexible, and installer-friendly, the MX-HT2-0806-10 is the ideal choice for residential, corporate, hospitality, and education environments needing reliable video distribution with local control options.

> Product Features

- 8×8 HDMI 2.0 Matrix with HDBaseT
- Route eight HDMI sources to two HDMI + six HDBaseT outputs.
- HDMI Outputs - 1 & 2
- HDBaseT Extension
  - Outputs 3-6 extend 4K60 4:4:4 up to 40 m (131 ft)
  - Outputs 7 & 8 extend up to 70 m (231 ft)
- All outputs support 4K to 1080p scaling for lagecy displays.
- HDR Support — HDR10, HDR10+, Dolby Vision, and HLG.
- Stereo Audio Outputs — HDBaseT Outputs (3-8)
- EDID Management — 21 presets, 2 user-defined, and copy modes for maximum compatibility.
- PoC Powering — 24V PoC supplied to all HDBaseT receivers.
- Control Options — Front panel OLED, IR, RS-232, TCP/IP, Netvio360 software, NetvioGo, or third-party drivers (Crestron, Control4).

> 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 8 connected Displays:
  - 2x HDMI Outputs for local displays
  - 4x HDBaseT Outputs supporting 4K60 40m (131ft)
  - 2x HDBaseT Outputs supporting 4K60 70m (231ft)
- Onboard 4K to 1080p Scaling
- Audio outputs for HDBaseT Outputs 3-8
- Onboard Netvio Go AV control solution

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-HT2-70-10 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: 44 mm (1.7″)
- Unit Weight | 6.9kg
- Operating temperature | 32 ºF to 104ºF / -20 ºC to 60ºC
- Storage temperature | -4 ºF to 140ºF / -20ºC to 60ºC

> Connectivity

Video Inputs

- 8 × HDMI (up to 4K60 4:4:4, HDR, HDCP compliant)

Video Outputs

- Outputs 1–2: 2 × HDMI (direct HDMI outputs)
- Outputs 3–6: 4 × HDBaseT (up to 40 m / 131 ft @ 4K60 4:4:4) — use RX-HT2-40-10
- Outputs 7–8: 2 × HDBaseT (up to 70 m / 231 ft @ 4K60 4:4:4) — use RX-HT2-70-10

Audio Outputs

- Outputs 3–8: 6 × Stereo analog audio de-embed (follows corresponding video output)

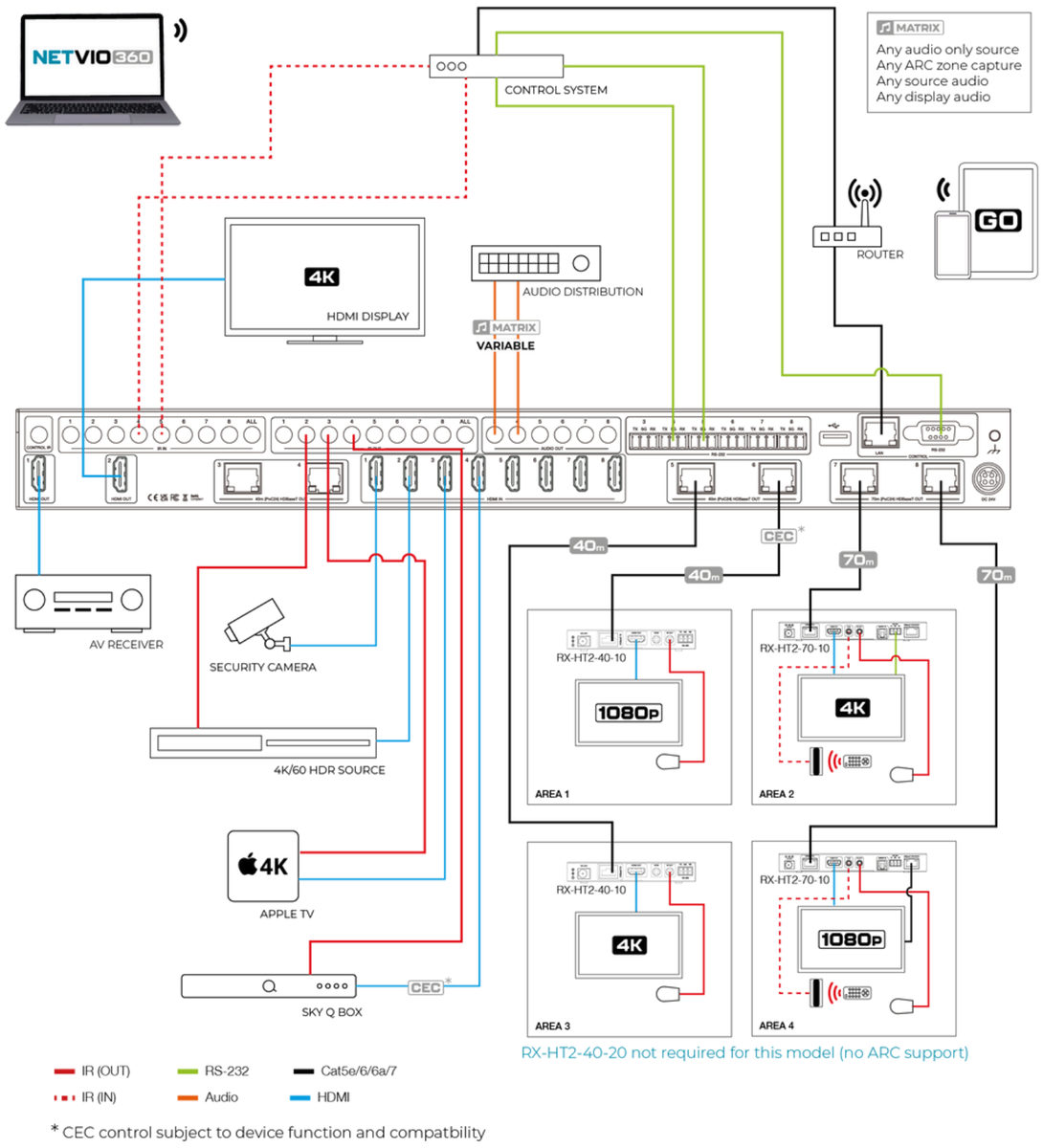
Control

- 1 × LAN (TCP/IP for configuration, NetvioGo integration & third-party drivers)
- 1 × RS-232 (third-party control integration)
- 1 × IR Control port (dedicated matrix IR)
- 8 × IR Receiving ports
- 6 × IR Transmitting ports (per output zone, 3–8)
- Front-panel buttons & LCD for local operation

Power

- 1 × External 24 V DC power supply (included)
- Regional AC power cord supplied
- PoC provided to compatible HDBaseT receivers (Outputs 3–8)

> Wiring Diagram



RX-HT2-40-20 not required for this model (no ARC support)

* CEC control subject to device function and compatbility

> 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-HT2-70-10

> HDBaseT Matrix Receiver Compatibility (sold separately)

Matrix Output	Output Type	Compatible RX Model	Max Distance @ 4K60 4:4:4	ARC Support	HDBaseT Ethernet	IR Support	Audio Output
Outputs 1–2	HDMI	–	Cable dependent	No	No	No	No
Outputs 3–6	HDBaseT	RX-HT2-40-10	40 m / 131 ft	No	No	Yes	Yes (stereo)
Outputs 7–8	HDBaseT	RX-HT2-70-10	70 m / 231 ft	No	No	Yes	Yes (stereo)

> M&E Description

Architects & Engineers Specification — MX-HT2-0806-10
The HDMI matrix shall be an 8×8 configuration supporting video resolutions up to 4K60 4:4:4 with HDR and include per-output 4K to 1080p down-scaling. The matrix shall provide eight HDMI inputs with a total of eight outputs configured as follows: two HDMI outputs, four HDBaseT outputs supporting up to 40 m (131 ft), and two HDBaseT outputs supporting up to 70 m (231 ft) when paired with compatible receivers.

The device shall provide stereo analog audio de-embed outputs on outputs 3–8, following the corresponding video output. HDMI outputs 1–2 shall not include analog audio de-embed.

The matrix shall provide control connectivity including LAN (TCP/IP), RS-232, a dedicated IR control port, six IR receive ports, and six IR transmit ports for HDBaseT zones. Local control shall be available via a front-panel LCD and push-button interface.

The matrix shall be powered by an external 24 V DC power supply with regional AC power cord. The matrix shall provide Power over Cable (PoC) to all compatible HDBaseT receivers.

The matrix shall be compatible with RX-HT2-40-10 receivers (up to 40 m on any HDBaseT output) and RX-HT2-70-10 receivers (up to 70 m on outputs 7–8). ARC functionality shall not be supported.

The matrix shall be fully integrated with the NetvioGo end-user application and provide drivers for third-party control systems.

The system shall require additional HDBaseT receivers (sold separately) for full operation. The unit shall be the Netvio MX-HT2-0806-10.