

UltraSlim HDBaseT HDMI Receiver — 70M / 230ft

RX Unit with Bi-directional PoH, IR & RS-232 • 4K/30 to 40m • 1080p to 70m

MPN: EXT-HDBT70MRX



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators specifying display-end HDBaseT receivers for matrix, multi-zone, or point-to-point installations. Also suitable as a replacement RX in existing HDBaseT systems.

THE CHALLENGE

Display endpoints in matrix and distribution systems require individual, compact RX units that mount cleanly behind displays without bulk, while supporting RS-232/IR for full control integration.

THE KANEXPRO ADVANTAGE

UltraSlim RX-only unit (0.64" profile) with mounting ears mounts behind any display. Bidirectional PoH means the TX can power this RX — no local adapter needed at the display end. Sold individually at \$149.95 MSRP.

2 PRODUCT POSITIONING

EXT-HDBT70MRX is the UltraSlim HDBaseT RX unit for integrators equipping display endpoints in matrix, multi-zone, and point-to-point 70m installations.

3 APPLICATIONS



Behind Display

UltraSlim 0.64" profile and mounting ears mount flush behind any display.



Matrix Endpoint

Receive HDBaseT from a matrix distribution output at each display location.



Multi-Zone

Individual RX per zone display, powered by TX PoH — no local outlet required.



Replacement

Drop-in RX replacement for existing HDBaseT installations.



Hospitality

Guest room display endpoint — mounts behind TV with no visible hardware.



Healthcare

Patient room or OR display endpoint with minimal installation footprint.

4 WHO THIS IS FOR

AV Integrators

Display Endpoints

Matrix Systems

Multi-Zone

Hospitality

Healthcare

Ideal User

AV integrator or systems designer equipping display endpoints in HDBaseT matrix or distribution systems

Project Types

Corporate AV, higher education, hospitality (guest rooms), healthcare displays, digital signage

Typical Buyer

AV integrator (specifier), IT/AV manager (approver)

5 KANEXPRO PRODUCT COMPARISON

EXT-HDBT70MRX is the RX-only complement to the EXT-HDBT70M kit:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
EXT-HDBT70MRX	This product	RX only, 70m 1080p / 40m 4K/30, PoH, RS-232, IR	Individual RX unit for matrix/multi-zone display endpoints
EXT-HDBT70M	Full kit	TX+RX pair, same capability	Best value for single point-to-point installs
EXT-HDBT70MTX	TX only	Matching TX unit	Pairs with this RX for complete point-to-point
EXT-4KHD150M2	Full-feature 150m kit	18Gbps 4K60 4:4:4, HDMI loop, audio de-embed	When 4K60 or >70m extension needed

► EXT-HDBT70MRX is the right choice for display-end deployments in matrix systems or when RX-only procurement is needed.

6 FREQUENTLY ASKED QUESTIONS

Q: What transmitter does this pair with?

The EXT-HDBT70MTX is the matching KanexPro TX. Also compatible with other HDBaseT transmitters.

Q: Does this RX need its own power adapter?

Not if the TX provides PoH. If the TX is not PoH-capable, connect the 24V/1.25A adapter to this RX.

Q: Does this support 4K/60?

No — maximum is 4K/30 at 40m. For 4K/60 see EXT-4KHD150M2.

Q: Can I mount this behind a display?

Yes. The 0.64" / 16.2mm profile and included mounting ears are designed for behind-display installation.

Q: Is RS-232 bidirectional?

Yes — commands pass in both directions over the HDBaseT link.

Q: LINK LED is blinking — what does that mean?

Blinking indicates a poor connection. Check Cat5e/6a termination and cable integrity.

Q: How does MSRP compare to the kit?

At \$149.95 MSRP vs \$299.95 for the full kit — savings when only an RX is needed per display endpoint.