

UltraSlim 4K/30 HDMI Transmitter 70M

Extend 4K/30 up to 40m with bi-directional IR, RS-232 & PoH

MPN: EXT-HDBT70MTX



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators specifying HDBaseT matrix systems, multi-zone distribution, or replacement TX units in existing HDBaseT installations.

THE CHALLENGE

Matrix switchers and distribution amplifiers require individual TX units per source. Generic transmitters lack robust IR/RS-232 pass-through or PoH support needed for commercial installations.

THE KANEXPRO ADVANTAGE

UltraSlim TX-only unit (0.64" profile) with bidirectional PoH, RS-232, IR, and CEC. Compatible with EXT-HDBT70MRX and other HDBaseT receivers. Sold individually at \$149.95 MSRP for flexible procurement.

2 PRODUCT POSITIONING

EXT-HDBT70MTX is the UltraSlim HDBaseT TX unit for integrators building matrix systems or replacing individual transmitters in existing 70m HDBaseT installations.

3 APPLICATIONS



Matrix Systems

Drive individual HDBT matrix inputs from distributed HDMI sources.



Multi-Zone

Independent TX per source zone, each extending to a remote RX.



Replacement

Drop-in TX replacement for existing HDBaseT installations.



Education

TX at lectern; connect to shared HDBaseT distribution infrastructure.



Control Rooms

Source-end TX with RS-232/IR for bidirectional control integration.



Hospitality

Central rack TX units feeding HDBaseT distribution to guest areas.

4 WHO THIS IS FOR

AV Integrators

Matrix Systems

Multi-Zone

Replacement Units

Education

Control Rooms

Ideal User

AV integrator or systems designer building or maintaining HDBaseT matrix or multi-zone distribution systems

Project Types

Corporate AV matrix, higher education, hospitality distribution, broadcast/control rooms

Typical Buyer

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

5 KANEXPRO PRODUCT COMPARISON

EXT-HDBT70MTX is the TX-only complement to the EXT-HDBT70M kit:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
EXT-HDBT70MTX	This product	TX only, 70m 1080p / 40m 4K/30, PoH, RS-232, IR	Individual TX unit for matrix/multi-zone deployments
EXT-HDBT70M	Full kit	TX+RX pair, same capability	Best value for single point-to-point installs
EXT-HDBT70MRX	RX only	Matching RX unit	Pairs with this TX 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-HDBT70MTX is the right choice when TX-only procurement is required for matrix or replacement scenarios.

6 FREQUENTLY ASKED QUESTIONS

Q: What receiver does this pair with?

The EXT-HDBT70MRX is the matching KanexPro RX. Also compatible with other HDBaseT receivers using the same standard.

Q: Does this support 4K/60?

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

Q: Can this TX power the RX?

Yes. Connect the 24V/1.25A adapter to the TX and PoH will power a compatible RX over the Cat cable.

Q: Is RS-232 bidirectional?

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

Q: What cable termination is required?

T568B straight-through Cat5e or Cat6a. Shielded cable recommended.

Q: Can I use this with a matrix switcher?

Yes. Connect HDBT OUT to a compatible HDBaseT matrix input.

Q: How does MSRP compare to the kit?

At \$149.95 MSRP vs \$299.95 for the full kit — savings when only a TX is needed in a matrix or replacement scenario.