

PLX-HDB.2 HDMI + Control Extender

QUICK CONNECT GUIDE

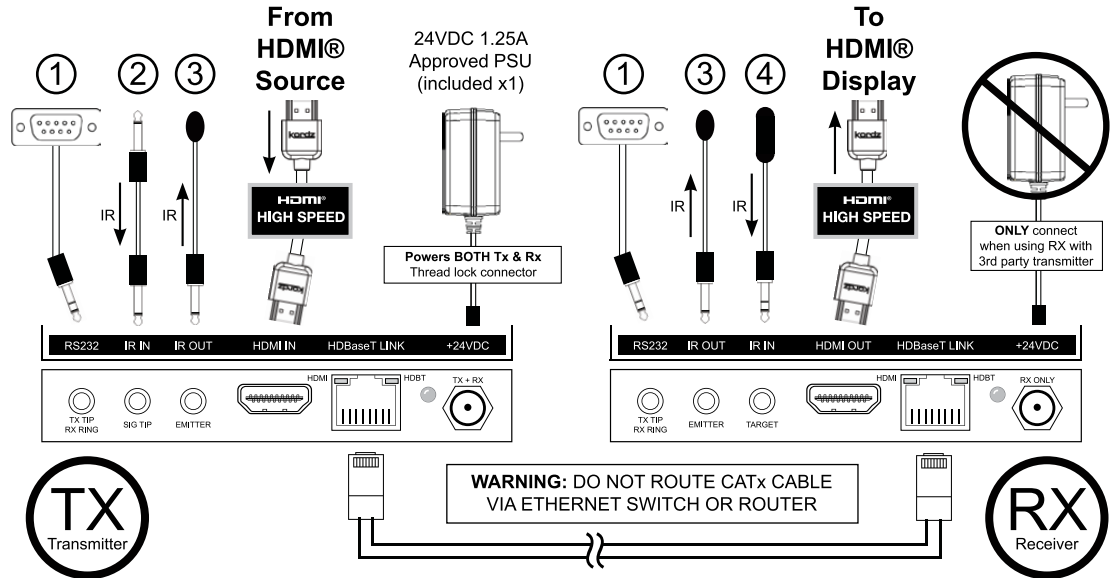


Contents:

- 1x PLX-HDB.2 Transmitter (TX)
- 1x PLX-HDB.2 Receiver (RX)
- 4x Mounting brackets
- 8x Mounting bracket screws
- 8x Desktop mounting pads
- 1x 24VDC 1.25A power supply

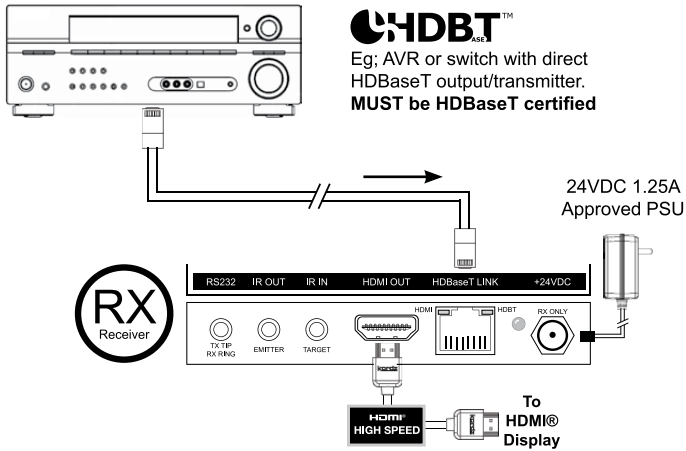
Control Accessories (optional):

- ① **RS-232 Cable**
3.5mm - DB9
TX Tip | RX Ring | GND Sleeve
- ② **IR Signal Cable**
3.5mm - 3.5mm
from central controller / source IR
- ③ **IR Emitter**
940nm, SIG Tip | GND Sleeve
Stick over device IR sensor
- ④ **IR Target/Receiver**
SIG Tip | GND Ring | 12V Sleeve
12VDC supplied at port

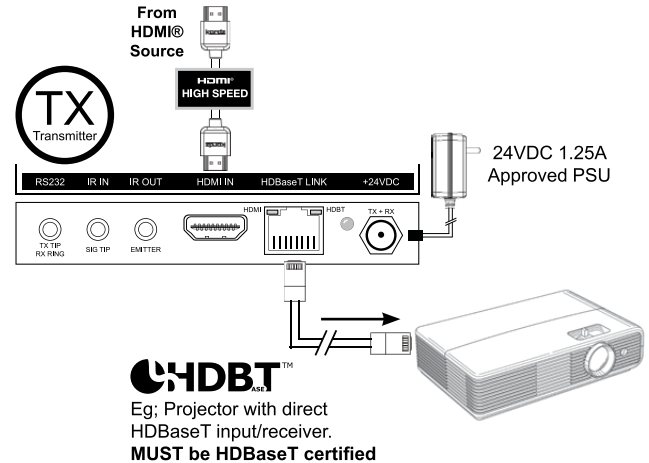


link: CAT6/6a/7 cable with 8P8C (RJ45) connectors
 23-24AWG CAT6 UTP compatible. FTP/STP or CAT6a recommended to mitigate alien crosstalk
 Length up to 40m for UHD (4K), 70m for 1080p/60

Connecting with 3rd party HDBaseT equipped source



Connecting with 3rd party HDBaseT equipped display



Power over HDBaseT (PoH)

The Kordz PLX-HDB.2 extender system features HDBaseT certified PoH, comprising 25.5W IEEE-802.3at compliant system power profile in a downstream delivery configuration. This means just one external power supply is required at the transmitter end to power the whole extender system.

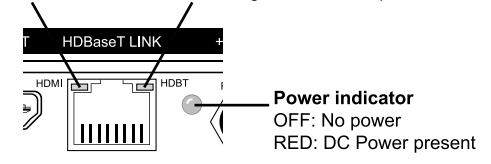
PLX-HDB.2T (Transmitter/TX) - Designated as Power Sourcing Equipment (PSE)
This requires connection of the external DC power supply unit at all times. This powers the TX unit, and also provides downstream DC power to a certified PoH Powered Device (PD) far end receiver, arbitrated by a full handshake protocol.

PLX-HDB.2R (Receiver/RX) - Designated as Powered Device (PD)
This unit can accept power over the HDBaseT connection from a PoH certified transmitter. An external DC power socket is provided when using the RX unit with a non-PoH transmitter. Only interface with HDBaseT certified devices.

LED key

HDMI stream status indicator
OFF: No HDMI traffic (no picture)
GREEN: Traffic with HDCP
Blinking GREEN: Traffic without HDCP

HDBaseT link status indicator
OFF: No link
GREEN: Link Successful
Blinking GREEN: Sleep mode



Visit kordz.com for full user manual and specifications.