AMX DXLite 4K60 Transmitter

4K60 4:4:4 transmitter which supports up to four sources via traditional HDBaseT
DXL-TX-4K60 (FG1010-311)

Front

Rear

Overview
AMX DXLite transmitters and receivers leverage HDBaseT technology to distribute audio, video, and USB 2.0 over a single category cable. AMX DXLite supports 4K60 4:4:4, HDCP 2.2, and HDR video, providing compatibility with the latest source devices and displays. DXLite can be used point-to-point (with a transmitter connected directly to a receiver over a single cable) or be used for distant transport in conjunction with an AMX Incite All-in-One Presentation Switcher.

The onboard USB 2.0 available on the DXLite allows for easy distribution of USB signals between the transmitter and receiver. A USB device, such as an AMX Acendo Vibe conferencing soundbar, can be mounted at the display and connected to a DXLite receiver. A laptop can then connect to the transmitter at the table, with USB and video distributed over category cable.

Common Applications
Ideal for supporting cost-effective conferencing in BYOD meeting environments.

Features
- **4K60 4:4:4 and HDCP 2.2 Support over HDBaseT with Display Stream Compression (DSC)–** Visually lossless compression and future-proof support
- **Power over HDBaseT –** Can be powered from HDBaseT inputs which means there is no need for an additional power source at the table
- **USB 2.0 Transmission –** Connect devices such as cameras, keyboard, mouse and other USB devices
- **Compatible –** With the AMX Incite presentation switcher and DXLite RX

Specifications – Subject to Change

General	
Dimensions	Metal with black matte finish
Weight	1 11/16" x 19" 14" (4.4 cm x 48.3 cm x 35.6 cm)
Shipping Weight	TBA
Mounting Options	TBA
AMX Products Compatible with DXLink RX:	• (1) Power Cord, Universal • (2) Front Rack Mounting Brackets • (4) Rubber feet • Other TBA
MTBF	TBD
Airflow	Convection (openings on top, sides and bottom of case)
Approvals: Regulatory Compliance	CE, FCC, NRTL, RoHS, WEEE
Twisted Pair Cable Type	Shielded Cat6, Cat6A and Cat7 / Shielded Cat6A and Cat7
Twisted Pair Cable Length	Up to 262 ft. (80 m) for full 4K signal support Up to 328 ft. (100 m) for 1080p and below
Included Accessories	2x3P-3.5MM Phoenix Connectors 1x2P-3.5MM Phoenix Connectors 1x 12V/2A Power Adapter 1xIR Receiver 1xUS exchangeable adapters 1xEU exchangeable adapters 1xUK exchangeable adapters 2x mounting ear 4x M2.5 screw (for mounting ears)

HDBaseT	
HDBaseT Layer Throughput (Max)	10.2 Gbps
Important Notice	DXLink/DXLite twisted pair cable runs for DXLink/DXLite equipment shall only be run within a common building.
Note	Specifications are subject to change

Active Power Requirements	
AC Power: Power Consumption, Local 12V	12 VDC 2A Max Output; 100-240V 50/60Hz AC Input
Supplied (Max)	6.3 w
Power Connector	Screw Down Locking Power Connector
HDBaseT Power	Power Supplied From a HDBaseT Receiving Device If Available

Environmental	
Temperature (Operating)	32° F to 122° F (0° C to 50° C)
Temperature (Storage)	14° to 140° F (-10° to 60° C)
Humidity (Operating)	10% to 90% RH (non-condensing)
Humidity (Storage)	10% to 90% RH (non-condensing)
Thermal Dissipation, Local 12V Supplied (max):	21 BTU/hr

Back Connectors	
Local Power	Screw Down Locking Power Connector
HDBaseT Output Serial	RJ-45
Serial	3 Position 3.5mm Pluggable Phoenix Terminal
HDMI Input	HDMI Type A Female
USB 2.0 HDBaseT Pass-through	(4) USB Type A Connectors for USB Peripheral Devices (1) USB 2.0 Type B Connector For Host Device Either Host or Peripheral Devices Active Based on Front USB Switch Selection

IR RX	3.5mm Mini-Stereo Jack
IR TX	3.5mm Pluggable Phoenix Terminal Block

Front Indicators	
Power Indicator	Green LED, Solid ON when power is applied
Status	Green LED, blinking
HDCP Indicator	Yellow LED, Blinking when Non-HDCP, Solid ON when HDCP
Link	Green LED, Solid ON when linked to HDBaseT Transmission Source

Controls and Indicators	
USB Mode Selection	Settable USB Directional Control - Enables USB Host Device or Peripheral Device For USB 2.0 Pass-through Over HDBaseT

HDMI	
Compatible Formats	HDMI , HDCP, DVI (DVI requires conversion cable)
Signal Type Support	HDMI, DVI-D (Single Link with DVI-HDMI Cable Adapter) DisplayPort++ (input only with HDMI cable adapter
Input Signal Type	HDMI, HDCP DVI
Data Rate (Max)	18 Gbp
Pixel Clock (Max)	Up to 600 Mhz
Progressive Resolution Support	480p up to4096 x 2160@ 60 Hz*
HDR Support	HDR 10 Dolby Vision (with data rate under 10.2 Gbps) if supported by RX device
Color Space Support	RGB 4:4:4 , YCbCr 4:4:4, 4:2:2, and 4:2:0
HDBaseT 4K Format Support	3840x2160p@24/25/30/60 Hz, 4:4:4 4096x2160p@24/25/30 3840x2160p@50/60 Hz, 4:2:0 4096x2160p@50/60 Hz, 4:2:0
Audio Format Support	Dolby TrueHD, Dolby Digital, DTS-HD Master Audio, DTS, 2 CH L-PCM, 6 CH L-PCM, 8 CH L-PCM Dolby Digital and DTS support up to 48kHz, 5.1 channel
HDCP Support	Yes HDCP 1.4, 2.2

Signal Transport - HDBaseT	
Connector	(1) RJ-45
Supported Signal Styles	Digital video, audio, bidirectional control, USB 2.0 and power
Transport Layer Throughput (Max)	10.2 Gbps
Input Formats	Supports 4K60 4:4:4 HDMI 2.0, HDCP 2.2., embedded audio, power, bidirectional control and USB 2.0 pass-through
Twisted Pair Cable Type	Shielded Cat6, Cat6A and Cat7 HDBaseT cable runs for equipment shall only be run within a common building where common building is defined as: The walls of the structure(s) are physically connected and the structure(s) share a single ground reference