



BK-EXB330EAU-K

8K HDBaseT 3.0 HDMI KVM Extender

DIMENSIONS & WEIGHT:

Transmitter:

Length: 200mm/7.87in **Width:** 100mm/3.94in
Height: 30mm/1.18in **Weight:** 571g/20.14oz

Receiver:

Length: 200mm/7.87in **Width:** 100mm/3.94in
Height: 30mm/1.18in **Weight:** 571g/20.14oz

The **BK-EXB330EAU-K** HDMI extender transmits uncompressed video, audio, ARC/eARC, RS-232, and USB 2.0 signals up to 330 feet over a single CAT 6A/7 cable. It supports resolutions up to 8K@30Hz and 4K@120Hz with HDR10+, Dolby Vision, and HLG pass-through. ARC/eARC allows connecting eARC-enabled TVs with AVRs, even at a distance. It includes bi-directional IR and 24V PoC with HDBaseT 3.0 technology, ideal for home theaters.

PACKAGE CONTENTS: 1x Transmitter, 1x Receiver, 1x IR Blaster cable, 1x IR Receiver cable, 2x RS-232 3-pin Phoenix connector, 4x Mounting Brackets, 8x Screw, 8x Rubber feet, 1x Power Adapter, User Manual

KEY FEATURES:

- HDMI 2.1 & HDCP 2.3 compliant
- 40Gbps FRL & 18Gbps TMDS video bandwidth
- Video resolutions up to 8K@30Hz and 4K@120Hz
- HDBaseT 3.0 technology
- ARC/eARC Audio Extraction
- VRR, ALLM, FVA support
- HDR10+, Dolby Vision, and HLG pass-through
- USB 2.0 KVM function with speeds up to 350Mbps
- HDMI audio formats: Dolby Atmos, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio
- Advanced EDID management through EDID DIP switch
- Bi-directional 24V POC (Power Over Cable) function

SPECIFICATIONS

CONNECTIVITY:

Transmitter:

INPUT:	1 × HDMI [Type A , 19-pin female]
	1 × L/R IN [3.5mm Stereo Mini-jack]
OUTPUT:	1 × HDMI [Type A, 19-pin female]
	1 × HDBaseT [RJ45, 8-pin female]
CONTROL:	1 × L/R OUT [3.5mm Stereo Mini-jack]
	1 × IR IN [3.5mm Stereo Mini-jack]
	1 × IR OUT [3.5mm Stereo Mini-jack]
	1 × RS-232 [3pin phoenix connector]
	1 × USB HOST [USB Type B]
	3 × USB Devices [USB Type A]
	1 × ETHERNET [RJ45]

Receiver:

INPUT:	1 × HDMI [Type A , 19-pin female]
	1 × HDBaseT [RJ45, 8-pin female]
	1 × L/R IN [3.5mm Stereo Mini-jack]
OUTPUT:	1 × HDMI [Type A , 19-pin female]
	1 × L/R OUT [3.5mm Stereo Mini-jack]
CONTROL:	1 × IR IN [3.5mm Stereo Mini-jack]
	1 × IR OUT [3.5mm Stereo Mini-jack]
	1 × RS-232 [3pin phoenix connector]
	1 × USB HOST [USB Type B]
	3 × USB Devices [USB Type A]
	1 × ETHERNET [RJ45]

COMPLIANCES:

HDMI Compliance	: HDMI 2.1
HDCP Compliance	: HDCP 2.3

SUPPORTED CAT CABLES:

CAT5e, CAT6, CAT7	: We recommend you to use shielded CAT6 cables & High-Quality HDMI Cables for optimum performance
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EXTENDING DISTANCE:

4K@120Hz	: 295 Feet
8K@30Hz:	: 295 Feet

RJ-45 CONNECTOR TYPE

Standard RJ-45 8-pin Female

VIDEO OUTPUT:

Video Bandwidth	: 40Gbps FRL and 18Gbps TMDS
Video Resolutions	: Up to 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit

ADDITIONAL FEATURES

CEC Function	: No
ARC Function	: Yes
USB KVM Function	: Yes
PoC/PoE Function	: Yes
IR Control	: Yes
Downmix Function	: No
Downscale Function	: No
Over IP Function	: No
HDBaseT Function	: Yes
RS-232 Function	: Yes

LOOP-OUT/LOCAL PORT:

Has loop out port	: Yes
Number of Loop out ports	: 1

AUDIO SUPPORT:

HDMI	: LPCM 2/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-HD Master Audio, DSD
3.5mm Analog	: PCM 2CH

POWER:

Power Consumption	: 20.4W (POC)
	TX/RX full load : 9.36W/9.84W; TX/RX no-load : 2.46W/3.36W
Power Supply:	Input : AC 100-240V 50/60Hz
	Output : DC 24V/2.7A



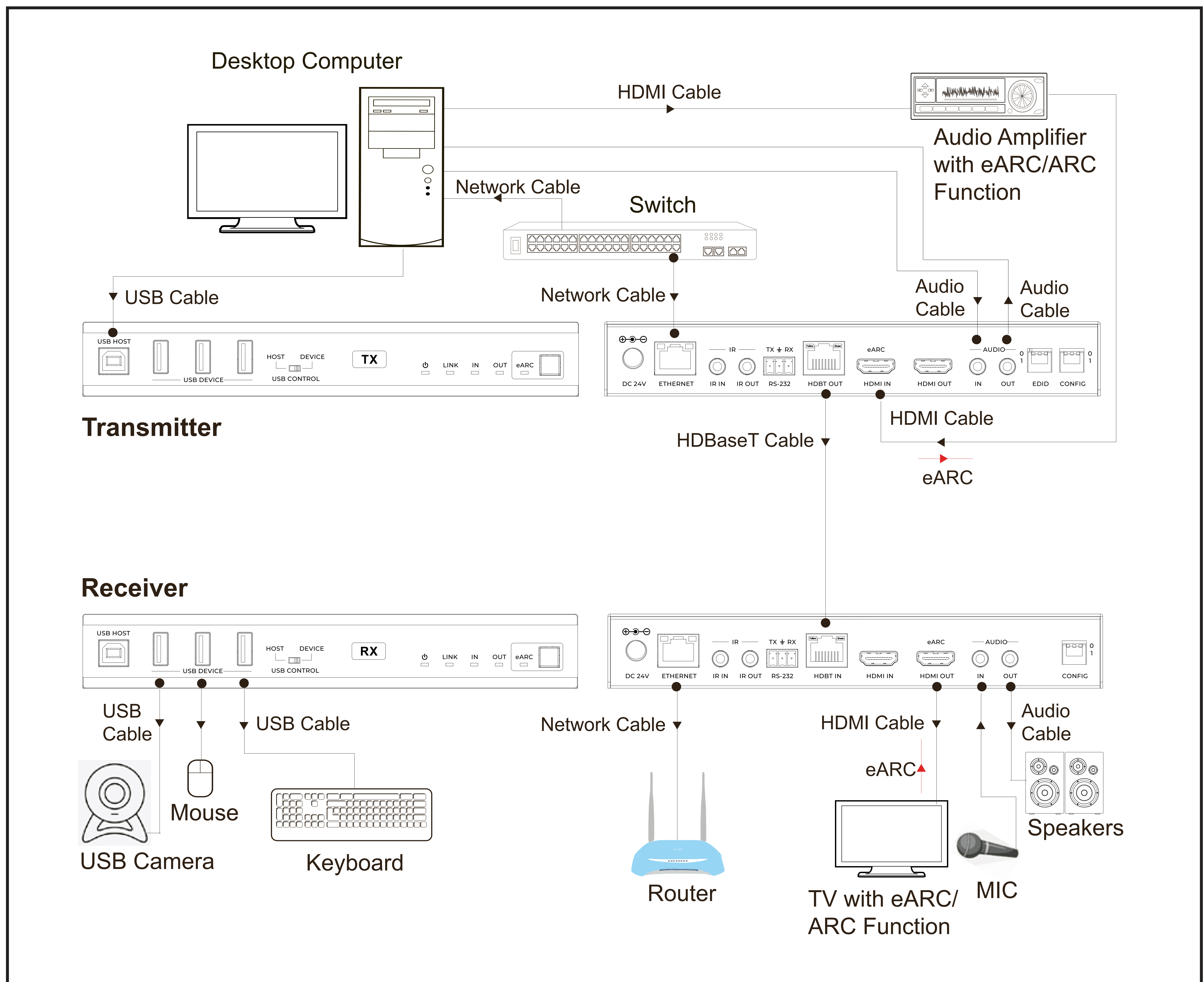
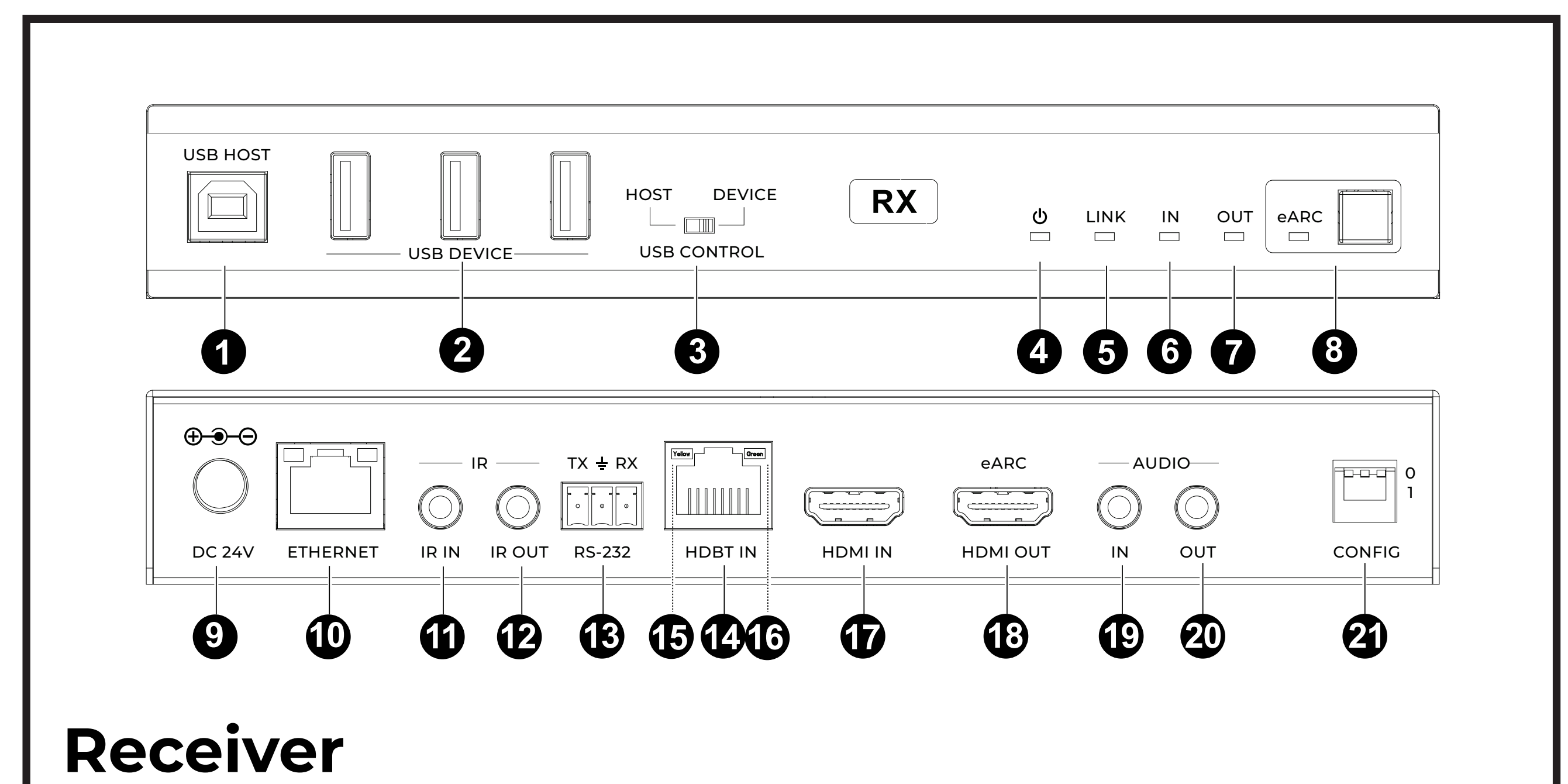
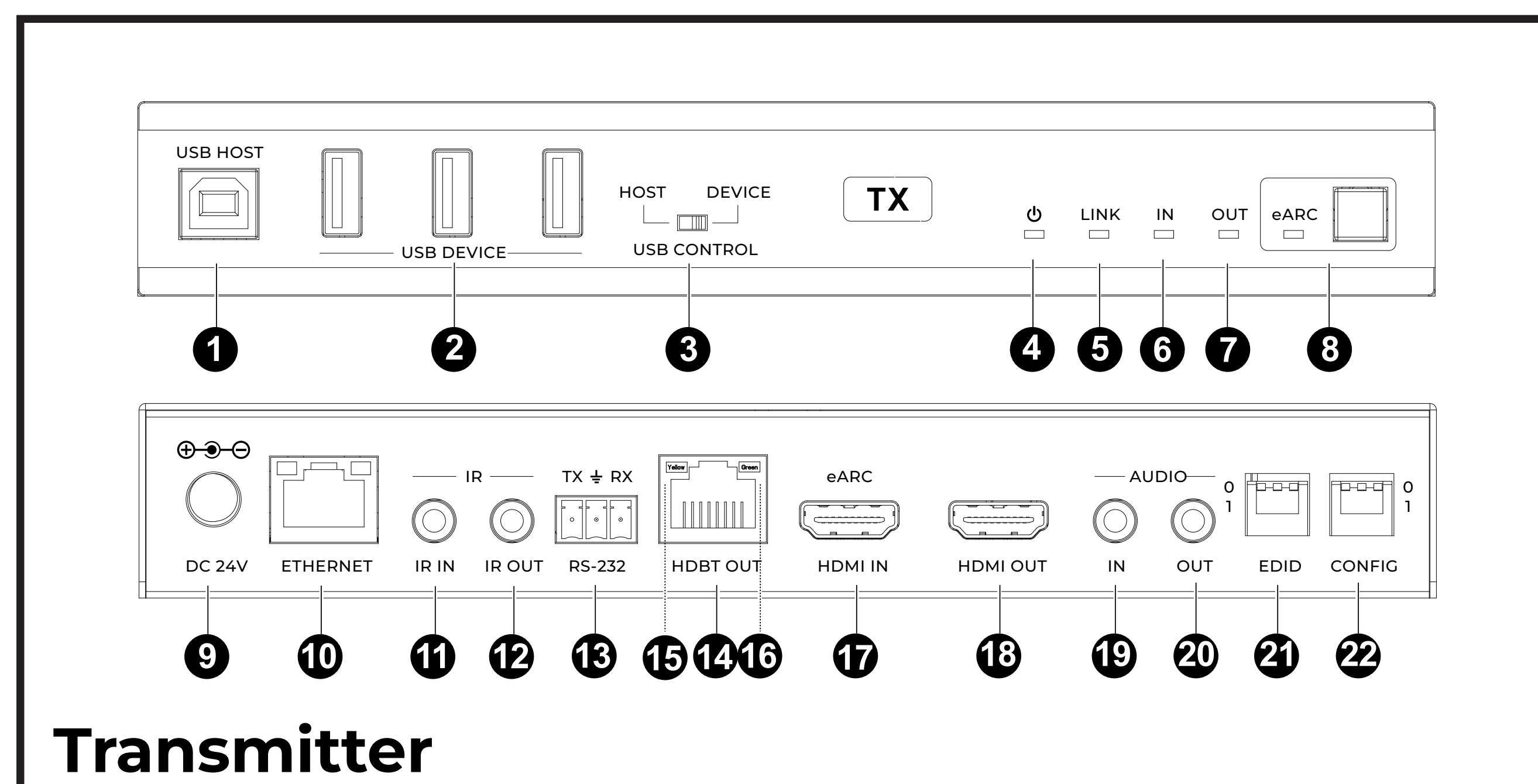
OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY



CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY