

UHD-EX120HZ-K

4K@120Hz HDMI Extender Over Cat6



DIMENSIONS & WEIGHT:

Transmitter:

Length: 85mm/3.5in **Width:** 76mm/2.99in
Height: 20.6mm/0.81in **Weight:** 185g/6.53oz

Receiver:

Length: 85mm/3.5in **Width:** 76mm/2.99in
Height: 20.6mm/0.81in **Weight:** 185g/6.53oz

The **UHD-EX120HZ-K** extends high-quality video and audio signals over a single CAT 6/7 cable up to 196 feet. Compliant with HDMI 2.0 and HDCP 2.2, it supports resolutions up to 4K@120Hz at 82 feet, with HDR and RS-232 pass-through. The receiver includes an L/R audio output for audio extraction and features auto downscaling, EDID pass-through, and IR functionality. This extender offers a convenient solution for HDMI extension, ideal for both professional and residential setups, with long-distance capability via a single Cat 6/7 cable.

PACKAGE CONTENTS: 1x Transmitter, 1x Receiver, 1x IR Blaster cable, 1x IR Receiver cable, 4x Mounting Brackets, 10x Screw, 1x Grounding Screw, 2x RS-232 3-pin Phoenix Connector, 2x Power Adapter, User Manual

KEY FEATURES:

- HDMI 2.0 and HDCP 2.2 compliant
- 18Gbps video bandwidth
- Video resolutions up to 4K@120Hz up to 82 feet and 4K@60Hz up to 196 feet
- EDID, HDR, and RS-232 pass-through
- Features Auto Downscaling
- One-way IR control
- 3.5 L/R audio output at the Receiver end for audio extraction
- Firm design and small size for flexible installation

SPECIFICATIONS

CONNECTIVITY:

Transmitter:

INPUT:	1 × HDMI [Type A, 19-pin female]
OUTPUT:	1 × CAT6 [RJ45, 8-pin female]
CONTROL:	1 × IR OUT [3.5mm Stereo Mini-jack]
	1 × RS-232 [3-pin phoenix connector]

Receiver:

INPUT:	1 × CAT6 [RJ45, 8-pin female]
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 × RS-232 [3-pin phoenix connector]

COMPLIANCES:

HDMI Compliance	: HDMI 2.0
HDCP Compliance	: HDCP 2.2

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	: 82 Feet
4K@60Hz	: 196 Feet
2K (2560x1440)@144Hz	: 82 Feet

RJ-45 CONNECTOR TYPE

Standard RJ-45 8-pin Female

VIDEO OUTPUT:

Video Bandwidth	: 18Gbps
Video Resolutions	: Up to 4K@120Hz

ADDITIONAL FEATURES

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

LOOP-OUT/LOCAL PORT:

Has loop out port	: No
Number of Loop out ports	: 0

AUDIO SUPPORT:

HDMI	: PCM, DolbyDigital 5.1, DTS 5.1
3.5mm Analog	: PCM 2CH

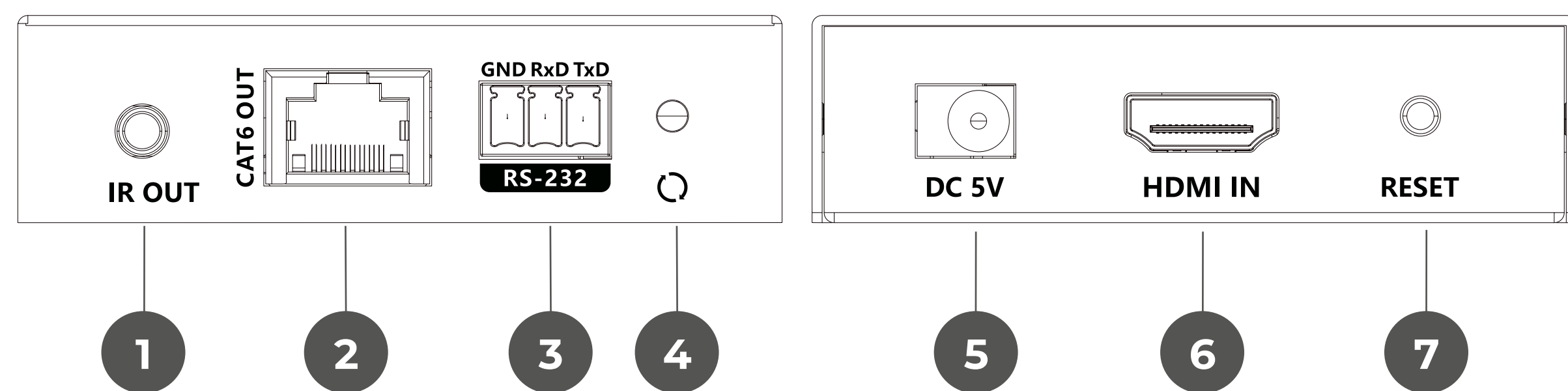
POWER:

Power Consumption	: TX ≤ 3W & RX ≤ 3W
Power Supply:	Input : AC 100-240V 50/60Hz
	Output : DC 5V/1A

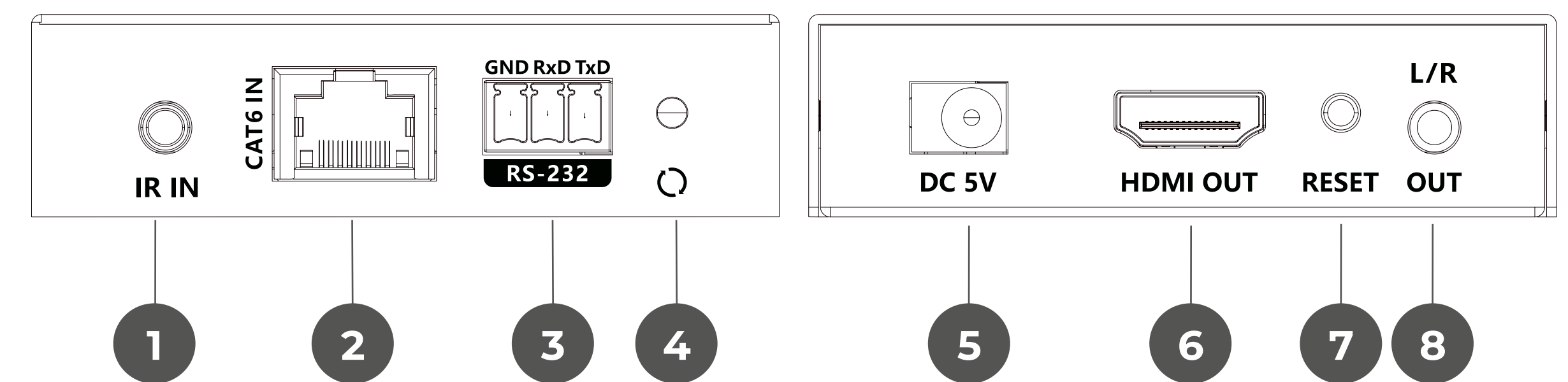




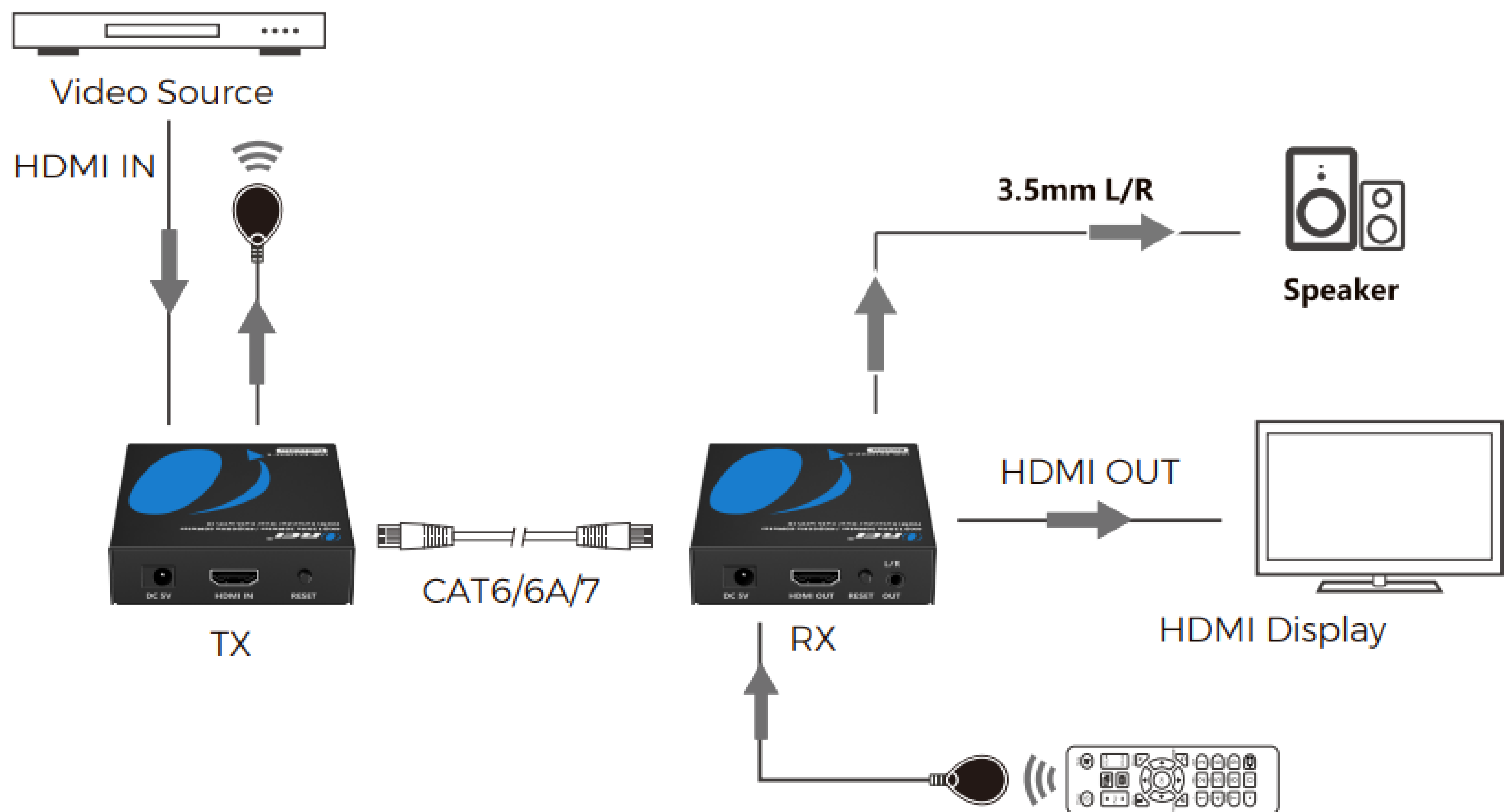
CONNECTION DIAGRAM



Transmitter



Receiver



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY