



UHD48-EX230-K

4x4 4k HDMI Matrix Extender With IR, PoC & Downscaling

DIMENSIONS& WEIGHT:

Transmitter:

Length: 320mm/12.6in **Width:** 100mm/3.94in
Height: 36mm/1.42in **Weight:** 915g/2.01lb

Receiver:

Length: 88mm/3.47in **Width:** 61mm/2.4in
Height: 18mm/0.71in **Weight:** 155g/5.47oz

The **UHD48-EX230-K** is an HDMI Matrix Extender with 4 inputs, 4 HDMI loop outputs, and 4 CAT outputs. It extends HDMI signals up to 230 feet away. Supporting resolutions up to 4K@60Hz 4:4:4 and 18Gbps, with HDR10+, Dolby Vision, and HLG pass-through. The device can downscale 4K to 1080p for all outputs. It features advanced EDID management, CEC control, and PoC functionality. Control the unit via the front panel, IR remote, RS-232, LAN, or WebGUI. Perfect for personal and commercial use.

PACKAGE CONTENTS: 1x Transmitter, 4x Receiver, 1x IR Remote Control, 1x RS-232 Serial Cable, 1x 3-pin Phoenix Connectors, 4x IR Blaster cable, 4x IR Receiver cable, 10 x Mounting Ear, 1x Power Cable, User Manual

KEY FEATURES:

- HDMI 2.0b & HDCP 2.2 compliant
- Video resolutions up to 4K@60Hz
- Lossless video bandwidth of up to 18Gbps
- 4 HDMI loop outputs & 4 mirrored CAT outputs
- Downscaling support from 4K to 1080P for all output ports
- HDR10+, Dolby Vision & HLG pass-through
- HDMI audio pass-through up to 7.1CH HD audio (LPCM, Dolby TrueHD, and DTS-HD Master Audio)
- Advanced EDID management and CEC control
- One-way IR control from Receivers to the Transmitter
- Power over cable technology; only requires power at the Transmitter end
- Control via IR remote, RS-232, WebGUI, LAN, and the buttons on the front panel
- Robust build, perfect for personal and commercial uses.

SPECIFICATIONS

CONNECTIVITY:

Transmitter:

INPUT:	4 × HDMI [Type A, 19-pin female]
OUTPUT:	4 × HDMI [Type A, 19-pin female]
	4 × CAT [RJ45, 8-pin female]
CONTROL:	4 × IR OUT [3.5mm Stereo Mini-jack]
	1 × TCP/IP [RJ45]
	1 × RS-232 [3-Pin Phoenix Connector]

Receiver:

INPUT:	1 × CAT [RJ45, 8-pin female]
OUTPUT:	1 × HDMI [Type A, 19-pin female]
CONTROL:	1 × IR IN [3.5mm Stereo Mini-jack]
	1× SERVICE [Micro-USB, Update port]

COMPLIANCES:

HDMI Compliance	: HDMI 2.0b
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@60Hz	: 230 Feet
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RJ-45 CONNECTOR TYPE

Standard RJ-45 8-pin Female

VIDEO OUTPUT:

Video Bandwidth	: 18Gbps
Video Resolutions	: Up to 4K@60Hz 4:4:4

ADDITIONAL FEATURES

CEC Function	: Yes
ARC Function	: No
USB KVM Function	: No
PoC/PoE Function	: Yes
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	: Yes
Number of Loop out ports	: 4

AUDIO SUPPORT:

HDMI Audio Formats	: LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus (DD+), DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X
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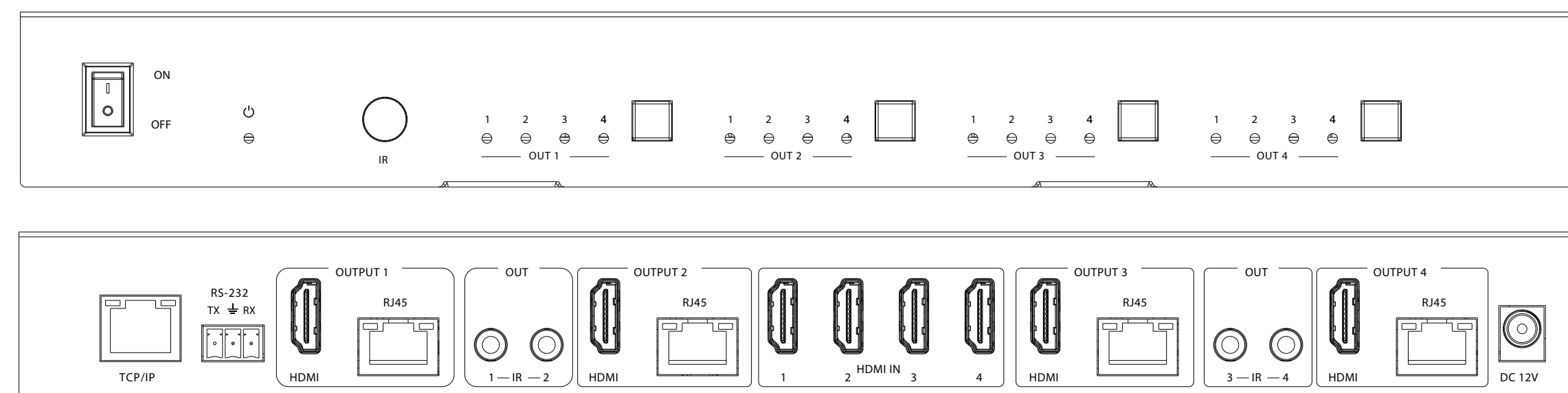
POWER:

Power Consumption	: 19.68W (Max)
Power Supply:	Input: AC 100-240V 50/60Hz
	Output : DC 12V/2.5A

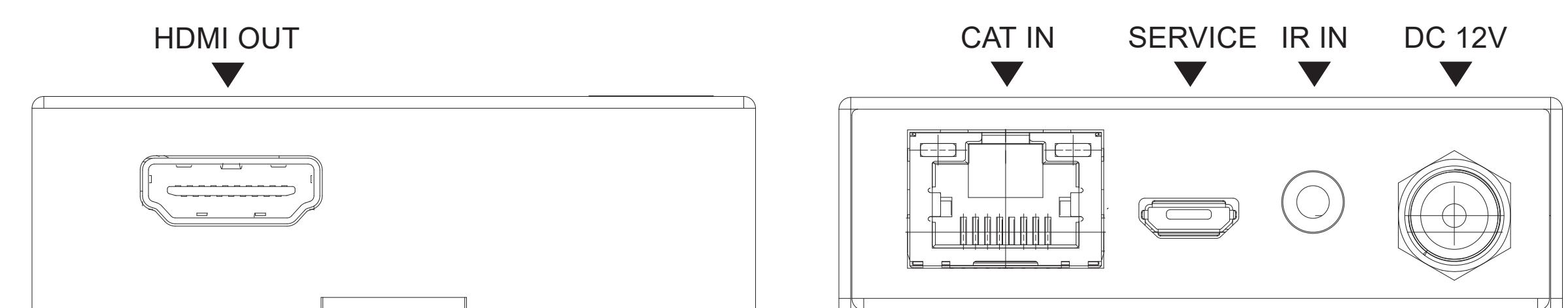




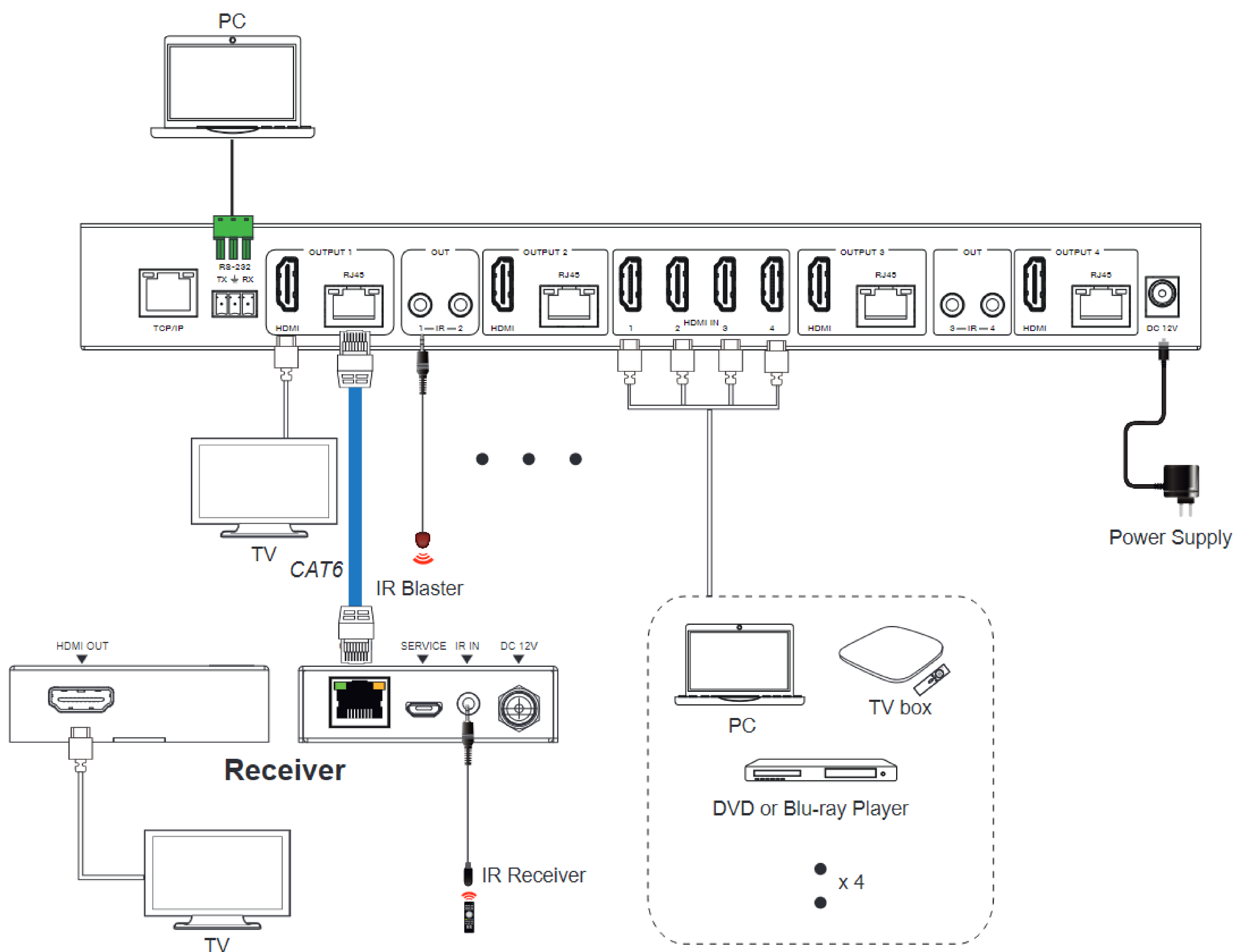
CONNECTION DIAGRAM



Transmitter



Receiver



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY