

Package Contents

- 1pc HDMI Transmitter (TX)
- 1pc HDMI Receiver (RX)
- 1pc 240V Mains Power Adapter (AU)
- 1pc IR Signal Blaster (TX)
- 1pc IR Signal Reader (RX)
- 1pc User Guide

Specifications

Video Signal Support	HDMI 2.0 (0.5-1.0 volts p/p)
Amplifier Bandwidth	18Gbps (6 Gbps (600MHz) p/c)
Audio Format Support	LPCM, Dolby True-HD, DTS-HD
Ultra HD Resolutions	4K@60Hz 12-bit p/c (3840x2160)
Progressive Scan SD	480, 576, 720, 1080 50/60Hz
Interlaced SD	480, 576, 1080 50/60Hz
Transmission Distance	4K @ 70m / 1080 @ 100m
Operating Temperature	0°C to 50°C
Operating Humidity	5 to 85% RH (no condensation)
Power Supply	12V = 1A / 3W total max use
Dimensions	105 x 82 x 15mm (per unit)
Weight	150g (per unit, without cables)

HDMI®

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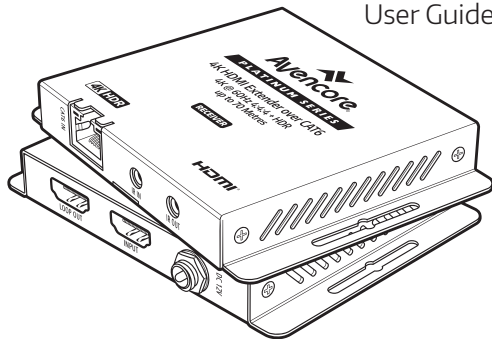
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Please retain this manual for future reference

PLATINUM SERIES

4K HDMI® Extender over CAT6 4K @ 60Hz 4:4:4 + HDR

AV-P-EX470
User Guide



Avencore®

Better cables. Smarter gadgets.

4K HDMI Extender over CAT6

4K @ 60Hz 4:4:4 + HDR

△ Safety Information

- **Safety** - Risk of electric shock. No user-repairable parts inside. Do not open or modify.
- **Environment** - Do not operate the device in direct sunlight, dusty environments, or in wet, raining or damp conditions. Designed for indoor use only.

Basic Operation

Connecting Devices

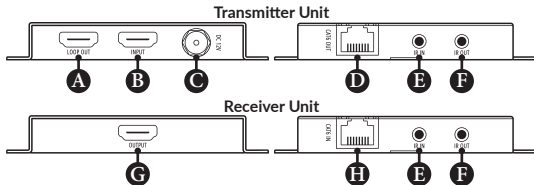
1. Connect the Power Adapter to the Transmitter **C**
2. Connect a Source device to the INPUT socket **B**
3. Connect a Display device to the OUTPUT socket **G**
4. Optionally connect a Display to the LOOP OUT **A**
5. Connect the CAT sockets directly (no network) **D H**
6. Connect the IR Reader (RX) to an IR IN socket **E** and the IR Blaster (TX) to the opposite IR OUT **F**

Note: Use quality 18Gbps HDMI Cables under 5 metres for best video resolution and signal quality.

Use quality CAT6 or better cables up to 70m for improved stability and reliability over distance.

The IR repeater function may only operate in one direction at a time (forwards or backwards)

Example: Connect the IR Reader to the Receiver Unit IR IN, and the IR Blaster to the Transmitter IR OUT. The source remote control will now function from the remote display.



Features

- HDMI v2.0a with HDCP 2.2 support
- Supports Ultra HD 4K @ 60Hz up to 4:4:4 chroma
- Supports Full HD 1080p @ 60Hz
- Supports High Dynamic Range (HDR10 & HLG)
- 12-bit/c Deep Colour Support
- 6.0 Gbit/s per channel, up to 18.0Gbit/s total
- HDMI Signal boosting for maximum performance
- Supports LPCM, Dolby True-HD and DTS-HD Audio
- HDMI Loop-Out for local and remote viewing
- Ultra Low Latency suitable for gaming content
- Single-end power supply on Transmitter only
- IR return support for source device remote control

