

Package Contents

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

Requires AV-H-EX412 transmitter unit to operate

Specifications

Video Signal Support	HDMI (0.5-1.0 volts p/p)
Amplifier Bandwidth	10.2Gbps (3.4 Gbps (340MHz) p/c)
Audio Format Support	LPCM, Dolby True-HD, DTS-HD
Ultra HD Resolutions	4K@30Hz 8-bit p/c (3840x2160)
Progressive Scan SD	480, 576, 720, 1080 50/60Hz
Internaced SD	1080i 50/60Hz
Transmission Distance	4K @ 120m / 1080 @ 200m
Operating Temperature	0°C to 50°C
Operating Humidity	5 to 85% RH (no condensation)
Power Supply	5V --- 2A / 8W max use
Dimensions	120 x 95 x 24mm
Weight	210g (without cables)

HDMI®

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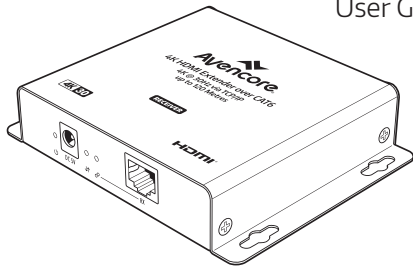
Please retain this manual for future reference

Halon SERIES

ADDITIONAL RECEIVER UNIT

4K HDMI® Extender over CAT6 with TCP/IP and IR Support

AV-H-EX412 (Rx)
User Guide



Avencore®

Better cables. Smarter gadgets.

4K HDMI® Extender over CAT6 ADDITIONAL RECEIVER UNIT

△ 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 Power

1. Connect the receiver unit **(B)** to 240V mains power using the included adapter

Connecting Devices

1. Connect a HDMI display to the Receiver **(A)**
2. Connect the IR Reader (RX) to the Receiver **(B)**
3. Connect the Receiver **(K)** to the same network as the existing AV-H-EX412 transmitter using quality CAT6 cables
4. Press the RESET button on the transmitter unit

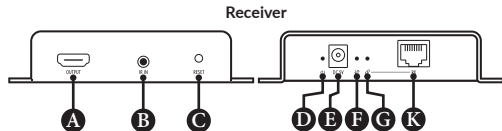
Press the RESET buttons **(C)** if signal is lost

Power indicator LED **(D)**

Transmission activity LED **(F)**

Link indicator LED **(G)**

Note: Source device remote control should only be visible to one IR Reader at a time for reliable device operation



Features

- Allows casting to multiple displays over a TCP/IP network by adding additional receivers (up to 253)
- Duplicates the source video and audio stream to each connected receiver
- IR repeater function allows source device remote control to work at each display

• One-to-Many Mode

