

# WYRESTORM HDBASET EXTENDER SET WITH INTEGRATED 2.1 AUDIO AMPLIFIER KIT (70M/230FT)

EX-1UTP-IR-70-AMP



## KEY FEATURES

- Transmits 1080p HD @60Hz and HD multichannel audio from a single HDMI source up to 70m/230ft under perfect conditions
- HDMI Input > HDBaseT Output, HDBaseT Input > HDBaseT / HDMI Output
- Combined HDBaseT Transmitter, Receiver, Repeater and Class D audio amplifier – all-in-one
- Discrete wide-band bidirectional IR control and fully addressable serial control of AMP via signal transmitted together within the HDMI signal over a single Cat5e/6cable to control source, display and AMP.

The WyreStorm EX-1UTP-IR-70-AMP is a single cable extender set, and then some.

Comprising of a Class B 70m HDBaseT transmitter with bidirectional control via IR and RS232 and the award-winning WyreStorm HDBaseT Digital Amplifier as the receiving device, the EX-1UTP-IR-70-AMP enables a single HDMI source to be distributed over distance, with the flexibility of the AMP offering superior audio and control capabilities at the display zone.

## ADDITIONAL FEATURES & BENEFITS

- RS232 Commands (Tx, Rx, Gnd) sent with HD Audio & Video contained within single Cat5e/6
- Centralized RS232 for firmware updates or third party control with open source integration protocols available for market leading control systems
- 3:1 Audio switching/receiver – Audio from centralized source via HDBaseT Transmitter Audio Return Channel (ARC) or Local Audio Input via 3.5mm
- AMP may be used centrally with AV source, In-line close to speakers, wall mounted near data connections or locally at display location
- Fully cascable up to 7 times to further lengthen transmission and increase your distribution capabilities - 70m/230ft to AMP > a further 70m/230ft to additional AMP x 7
- HDMI output for direct connection of HD display either in-line to each AMP connected or at the end of the run
- 2.1 stereo audio at 25w per channel with left/right spring terminal connections for speakers
- RCA Subwoofer output connection
- EDID management and pre-sets via DIP switch

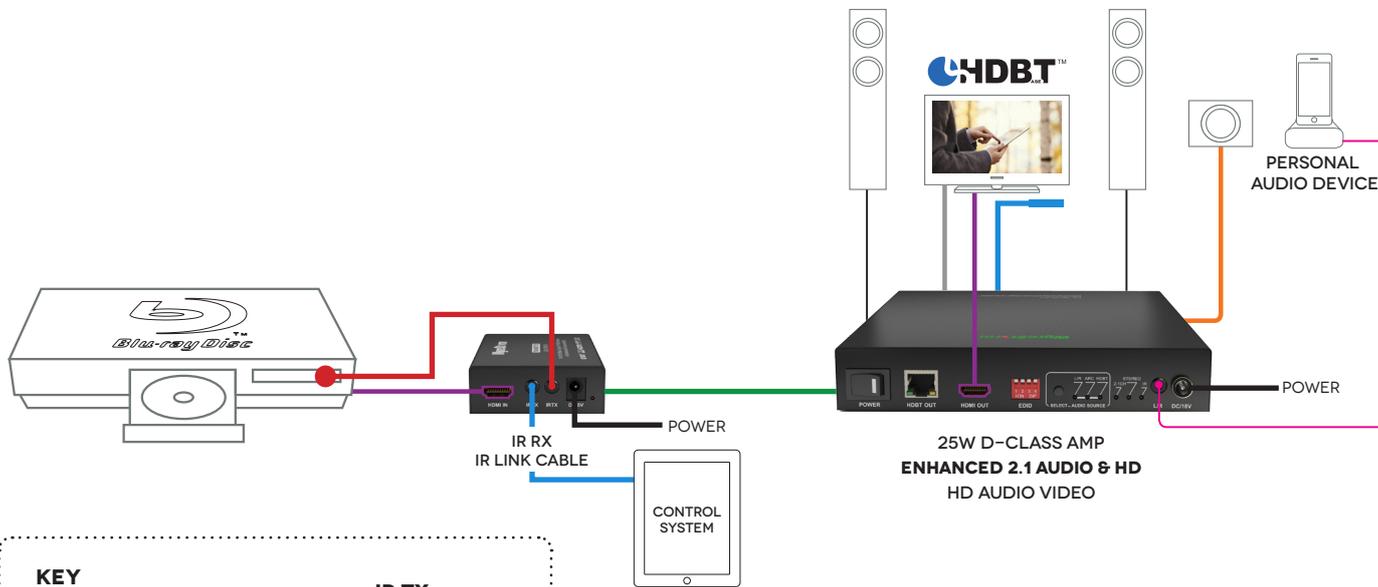
## IN THE BOX

1 x EX-1UTP-IR-70-AMP HDBaseT Transmitter  
 1 x AMP-001-010 HDBaseT Class D Digital Audio Amplifier  
 1 x Printed product manual & quickstart installation guide  
 2 x pairs of mounting brackets (recommended)  
 1 x 5VDC power supply (Transmitter)  
 1 x 18vDC power supply (AMP-001-010)

1 x remote control handset (AMP-001-010)  
 2 x IR TX emitter for attachment to input device & display (transmits IR control commands)  
 2 x IR RX Receiver for attachment to display & input device (receives IR control commands) - IR frequency range: 940nm IR Frequency: 38KHZ

# SPECIFICATIONS

<b>Dimensions (WxHxD):</b>	<b>Transmitter:</b> 76mm x 27mm x 105mm / 2.99" x 1.06" x 4.14" <b>Amplifier:</b> 202mm x 31mm x 178mm / 8" x 1.2" x 7"
<b>Weight:</b>	1.03kg / 2.28lb (pair)
<b>Operating Temperature Range:</b>	-5 to +35°C (-41 to +95°F)
<b>Operating Humidity Range:</b>	5 to 90 % RH (no condensation)
<b>Output Bandwidth Signalling Rate:</b>	6.75Gbps
<b>Input Video Signal:</b>	0.5-1.0 volts p-p
<b>Input DDC Signal:</b>	5 volts p-p (TTL)
<b>Maximum Single Link Range:</b>	1080p 36bit Colour Depth
<b>Transmission Distance:</b>	1080p transmissions up to 70m / 230ft using Cat5e/6 (Under perfect transmission conditions including straight cable runs with no electrical interference, bends, kinks, patch panels or wall outlets.)
<b>Video Format Supported:</b>	VESA: 640x480, 800x600, 1024x768, 1280x1024, 1600x1200, 1920x1200, 1920x1080 DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p
<b>Output Video:</b>	Video: HDMI 1.4+HDCP - sink device mirrors the source Full 3D compatibility with frame packing/frame sequential (Blu-ray) and Stereoscopic (satellite/cable broadcasts), ARC supported
<b>Audio Format Supported:</b>	DTS-HD Master Audio, Dolby True HD - 2.1 PCM / 4, 6, 8 ohm speaker impedance
<b>Power Supply:</b>	<b>Transmitter:</b> 5vDC <b>AMP:</b> 18vDC
<b>Power Consumption:</b>	<b>Transmitter:</b> 2.5 Watts (Max.) <b>AMP:</b> 45 Watts (Max.)
<b>British Thermal Unit (BTU):</b>	<b>Transmitter:</b> 8.53 <b>AMP:</b> 153.54
<b>Rack Space Required:</b>	N/A



KEY	
	IR TX
	IR RX
	CAT 5e/6 70M/230FT
	HDMI
	RS232