

# WYRESTORM HDBASET RECEIVER WITH INTEGRATED 2.1 AUDIO AMPLIFIER (70M/230FT)

AMP-001-010



## KEY FEATURES

- Combined HDBaseT Repeater, Receiver and Class D Amplifier – all-in-one
- 3:1 Audio Switcher/Receiver – Audio from Centralized source via HDBT Transmitter or Matrix Device, Audio Return Channel (ARC) or Local Audio Input via 3.5mm
- Fully cascadable up to 7 times from single transmitting device (Matrix or HDBaseT transmitter)
- 50m/164ft Power-over-HDBaseT Passthrough to PoH enabled display receivers

The AMP-001-010 combines networked AV, local audio input and 2x25w Class D amplification, with the distribution benefits of single wire HDBaseT. It can be used as a straightforward extender solution for single-source/single-display residential systems, or as part of a much more ambitious network for larger commercial systems, when partnered with one WyreStorm's Pro Plus multiple output Matrix devices.

At its most basic, the AMP-001-010 can extract stereo audio direct from the digital audio within the HDBaseT signal and amplify it locally, removing the need for any extra breakout boxes and converters. A single Cat5e/6 cable is all that's required between the source and amplifier; the amp provides spring clip terminals for stereo speakers, a dedicated subwoofer output plus an HDMI feed for the display, all fully controllable via IR or RS232.

## ADDITIONAL FEATURES & BENEFITS

- HDBaseT Input, HDBaseT Output
- AMP used centrally with AV source, In-line close to speakers, wall mounted near data connections or locally at display location
- 70m/230ft transmission between transmitting device and AMP > then another 70m/230ft to next AMP
- 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
- Left/Right spring terminal connections for speakers
- RCA Subwoofer output connection
- Bidirectional control of source and display via IR or RS232
- RS232 Commands (Tx, Rx, Gnd) sent with HD Audio & Video contained within single Cat5e/6
- AMPs addressable via RS232
- EDID management and pre-sets via DIP switch
- LED indication of audio source selection - HDBaseT, Local or ARC
- Accessory pack including configuration software, remote, IR receiver
- Compact size for flexible integration location

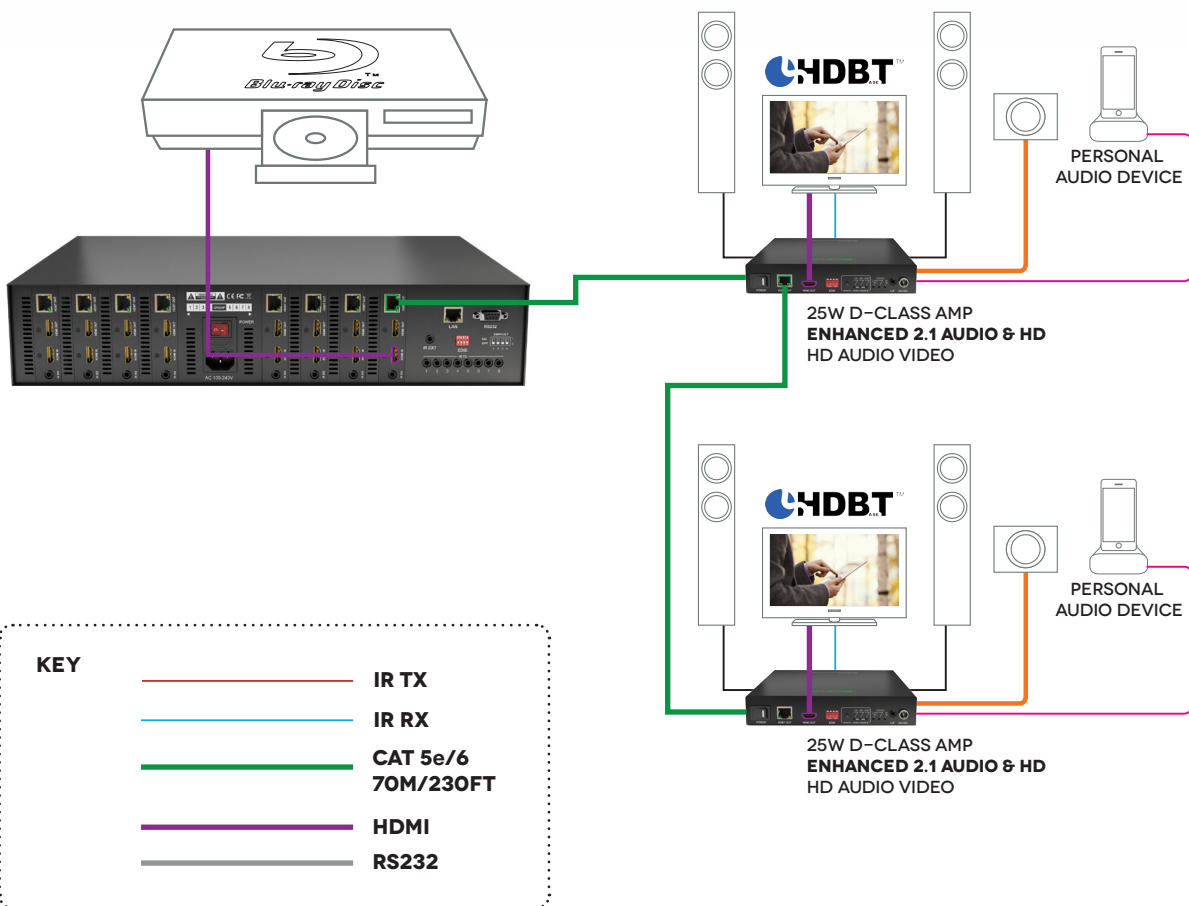
## IN THE BOX

1 x AMP-001-010 HDBaseT Digital Amplifier main unit  
 1 x Product manual - *USB flash drive containing configuration software and digital version of product manual*  
 1 x 18v DC power supply

1 x IR TX transmitter  
 1 x IR RX receiver  
 1 x Remote control handset  
 2 x installation brackets (recommended)

# SPECIFICATIONS

Dimensions (WxHxD):	202mm/8.0" x 31mm/1.2" x 178mm/7.0"
Weight:	0.68kg / 1.51lb
Operating Temperature Range:	-5 to +35°C (-23 to +95°F)
Operating Humidity Range:	5 to 90 % RH (no condensation)
Output Bandwidth Signalling Rate:	6.75Gbps
Input Video Signal:	0.5-1.0 volts p-p
Input DDC Signal:	5 volts p-p (TTL)
Maximum Single Link Range:	1080p 36bit Colour Depth
Transmission Distance:	1080p signal up to 70m/230ft
Video Format Supported:	VESA: 640x480, 800x600, 1024x768, 1280x1024, 1600x1200, 1920x1200, 1920x1080 DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p
Output Video:	HDMI 1.4v - repeats source to the sink HDCP Compliant Full 3D compatibility with frame packing/frame sequential (Blu-ray) and Stereoscopic (satellite/cable broadcasts) ARC supported
Audio Format Supported:	DTS-HD Master Audio, Dolby True HD - 2.1 PCM / 4, 6, 8 ohm speaker impedance
Power Supply:	18vDC
Power Consumption:	45 Watts (Max.)
British Thermal Unit (BTU):	153.54
Rack Space Required:	N/A



**KEY**

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