HDBaseT™ Receiver/Repeater with Class D amplifier incorporating 3:1 audio switching from a centralized AV source, ARC or local audio input with bidirectional control.

Cascadable up to 7 times within a single zone, this highly versatile and feature-rich digital audio device extracts high quality Hi-Fi audio from HD signals with HDBaseT™ reception and pass-through, installed locally in room, centrally or in-line via single Cat5e over distances up to 70m/230ft.

With 25w per channel and subwoofer preout, the AMP-001-010 offers a compact alternative to AV receivers as well as vast improvements in sound quality compared even high end TV speakers and can be controlled via remote or RS232 to improve and simplify the relationship between HDMI, HDBaseT and stereo audio for both residential and commercial integrators far beyond products currently available on the market.

Set to revolutionize the way multi-room audio-visual systems are designed, this exciting new addition to the Wyrestorm HDBaseT range is due for launch in mid-2013.
This extremely flexible digital audio device is capable of extracting high quality Hi-Fi audio from HD signals, HDBaseT reception and passthrough with local HDMI breakout and receiving HDBaseT transmissions with local HDMI break out. Low voltage and cascadable up to 7 times within a single zone, it is controlled via a remote, RS232 or WyreStorm’s Enado user interface. Released mid-2013.

Key Product Features

- Combined HDBaseT Receiver, Repeater and Class D Amplifier - all in one.
- 3:1 Audio Switcher/Receiver – Audio from Centralized source via HDBaseT Transmitter or Matrix Device, Audio Return Channel (ARC) or Local Audio Input via 3.5mm
- AMP used centrally with AV source, In-line close to speakers, wall mounted near data connections or close to display.
- 70m / 230ft distribution between transmitting device and AMP, then another 70m to next AMP.
- Max. Of 7 devices linked from single transmitting device (Matrix or HDBaseT transmitter). Display can be connected to each AMP.
- Connections for speakers (spring terminals)
- 2.1 audio - 2 channel stereo with subwoofer connection
- Control via IR or RS232
  - RS232 Commands sent with HD Audio & Video contained within single Cat5e/6
  - AMPs addressable via RS232
- HDMI output for direct connection of HD display.
- EDID management and pre-sets.
- Accessory pack including configuration software.
- PoH Passthrough device: 50m/164ft Power-over-HDBaseT Passthrough possible to PoH-enabled receiver (AMP requires local power for operation but passes PoH to compatible display receiver)

In The Box

1 x WyreStorm AMP-001-010 Digital Amplifier
1 x Printed Product Manual (also downloadable from website)
2 x Mounting Brackets
1 x 18V DC power supply
1 x IR RX Receiver (larger/rectangular) for attachment to Display - IR frequency range: 30KHz to 56KHz
Specifications

**Operating Temperature Range**: -5 to +35°C (-41 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**: 24bit color [30bit in 'Deep Color Mode']

**Transmission distance**: 1656p signal up to 70m/230ft

*Under perfect transmission conditions including straight cable runs with no electrical interference, bends, kinks, patch panels, or wall outlets.

**Video Format Supported**:
- VESA: 640x480, 800x600, 1024x768, 1280x1024, 1600x1200, 1920x1200
- DTV/HDTV: 480i/576i/480p/576p/720p/1080i/1080p

**Rack space required**: N/A

**Output Video**: 1.4 HDMI +HDCP (repeat the source to the sink)

**Audio Format Supported**: DTS-HD Master Audio, Dolby True HD, multichannel 5.1, 7.1 stereo

**Power over HDBaseT Passthrough capability**: 50m/164ft (Amp requires local power for operation)

**Max. Transmission distance over HDMI**: 15m/49ft (using good quality HDMI cables) - HDMI to HDMI Coupler can be used to extend HDMI transmission further if need be.

**BTU Rating (British Thermal Unit)**: N/A

**Power Consumption**: 5 Watts (Max.)

**Power Supply**: SWDC - from mains

**Dimensions**:
- 119mm x 4.69” (W)
- 28mm x 1.1”(H)
- 105mm x 4.13”(D)

**Weight**: 0.34kg/0.75lbs

**Power over HDBaseT Passthrough capability**: 50m/164ft (Amp requires local power for operation)