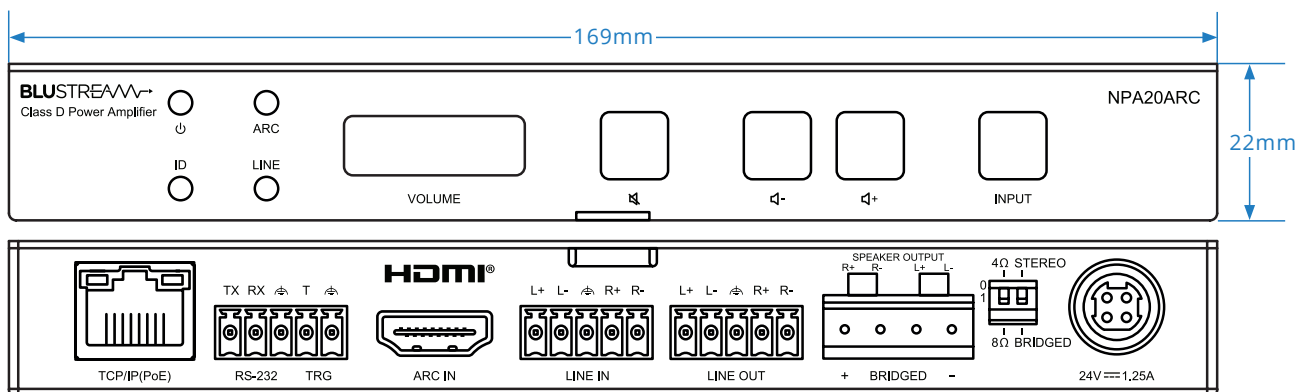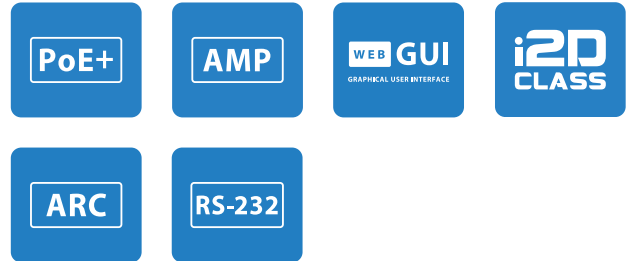# NPA20ARC

BLUSTREAM

ARC Networked Power Amplifier

Description

Our NPA20ARC networked power amplifier delivers advanced audio integration within a commercial or residential AV installation within smaller zones, or where voice re-inforcement is required.

The NPA20ARC features a 2 x 10W digital amplifier (1 x 20W mono) audio output with ARC audio integration, allowing simple connection and control from any ARC compatible display (2ch audio only).

The NPA20ARC can be powered via PoE or PoE+ from a compatible network switch, or locally should the switch not support PoE. The unit also includes the ability to lower the amplifier power output subject to PoE capabilities, DSP with a 31 band EQ, audio delay for lip sync correction, daisy chain audio and control feature for linking up to 4x NPA20 devices and control via ARC, front panel, RS-232, TCP/IP, web-GUI or 12V trigger.

PoE+ | **AMP** | **WEB GUI** GRAPHICAL USER INTERFACE | **i2D CLASS**

ARC | **RS-232**

169mm — 22mm

BLUSTREAM
Class D Power Amplifier — NPA20ARC

ARC — LINE — VOLUME — ⊄ — ⊄- — ⊄+ — INPUT
ID

TX RX ⏚ T ⏚ — HDMI® — L+ L- ⏚ R+ R- — L+ L- ⏚ R+ R- — SPEAKER OUTPUT R+ R- L+ L- — 4Ω STEREO — 8Ω BRIDGED
TCP/IP(PoE) — RS-232 — TRG — ARC IN — LINE IN — LINE OUT — + BRIDGED − — 24V ⎓ 1.25A

Key Features

- Advanced network audio amplifier with ARC integration
- Supports 2 x 10W @ 4 / 8 ohm, 1 x 20W @ 4 / 8 ohm
- Supports power via PoE+ on LAN connection or local power supply*
- 2ch ARC audio input
- Supports 2ch balanced / unbalanced audio in and out with master / slave amp control feature allowing daisy chain of up to 4x NPA20 amplifiers

- DSP with 31 band EQ with +3dB/-10dB and audio delay
- Local 0V / 5~12V input trigger for automated power control
- Control via ARC, front panel, RS-232 and IP
- Auto standby mode with signal sensing
- In-built web-GUI for setup and control

    * Amp power limited when using PoE / PoE+

BLUSTREAM | SDVoE ALLIANCE | HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE | HDBT | Dante | Dolby | dts

BLUSTREAM

Specifications

- Casing Dimensions (W x H x D): 169mm x 144mm x 22mm
- Shipping Weight: 1.2kg
- Operating Temperature: 32°F to 104°F (0°C to 40°C)
- Storage Temperature : -4°F to 140°F (-20°C to 60°C)
- Power Supply: PoE+ Type 2 Class 4, or 24v/1.25A DC 4-pin DIN (power supply not included)

Connectivity

- Audio Inputs: 1 x HDMI Type A 19-pin female ARC audio connection, 1 x 5-pin Phoenix connector (balanced/un-balanced analogue audio)
- Audio Output Connectors: 1 x 5-pin Phoenix connector (balanced/un-balanced analogue audio)
- Speaker Outputs: 1 x 4-Pin Phoenix connector (4 / 8 ohm speaker)
- RS-232 Serial Port: 1 x 3-Pin Phoenix connector
- Trigger Input: 1 x 2-Pin Phoenix connector

Package Contents

1 x NPA20ARC
1 x Mounting Kit
1 x Quick Reference Card

Regulatory Compliance

CE   UKCA   FC   RoHS Compliant

BLUSTREAM   SDVoE ALLIANCE   HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE   HDBT   Dante   Dolby   dts