



## Networked Power Amplifier with Dante

NPA100DA

SKU: 129046    UPC: 934024000000

Bluestream NPA100DA networked audio zone amplifier delivers advanced audio integration within a commercial or residential AV installation.

The NPA100DA features a 2x 50W digital amplifier (1 x 100W mono) or 70V / 100V hi-level constant voltage output, dedicated LFE subwoofer output, Dante audio integration and 2ch balanced / un-balanced audio outputs.

The NPA100DA supports a variety of inputs including 2ch Dante audio, HDMI ARC, MIC audio with 48V Phantom power support, optical audio and 2ch balanced / un-balanced analog audio.

The NPA100DA can be powered via 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, support for combined or independent LAN and Dante connections, DSP with a 10 band EQ, audio delay for lip sync correction, independent gain control for audio inputs and control via front panel, IR, RS-232, TCP/IP, Web Gui or 12v trigger.

### Features

- Advanced network audio amplifier with Dante integration
- Supports 2 x 50W @ 4 / 8 ohm, 1 x 100W @ 4 / 8 ohm, or 70 / 100V constant output for multiple speakers with longer cable runs
- Supports power via PoE++ on Dante LAN connection or via local power supply\*
- Dual network option - independent Dante and LAN control ports, or combined to a single LAN port
- Audio inputs include:
  - 2ch Dante/AES67 audio input
  - HDMI ARC with CEC volume control
  - MIC audio input with phantom power and auto ducking
  - 2ch analog audio input – unbalanced & balanced
  - 1 x Optical (S/PDIF) audio input
- Audio outputs include:
  - 2ch Dante/AES67 audio Output
  - 2ch variable/fixed analog output, balanced/unbalanced
  - 1 x LFE subwoofer output
- Independent gain control for input channels
- DSP with 31 band EQ with +/-10dB gain and audio delay
- Local 12V input trigger for automated power control
- Control via front panel, IR, RS-232 and IP
- Auto standby mode with signal sensing
- In-built web-GUI for setup and control