AMPLITUDE 16

Power Your Immersive Home Theater

16 Channel
Power amplifier

Designed in partnership with ICEpower to our specification, the Amplitude16 maximizes the performance of their class D modules with a custom dual power supply and thermal dissipation design.

ICE power

AMPLITUDE 16

The Most Versatile Power Amplifier for your Immersive Home Theater

INTEGRATE EASILY

With analog DB25 connectivity and triggers, the Amplitude[16] integrates seamlessly with our range of AV Processors. The Optional Dante board further facilitates the integration for high-channel count systems.

DESIGNED FOR IMMERSIVE SOUND

Immersive Sound Home Theaters require more amplification channels, with varying requirements within the system. The Amplitude[16] is the most versatile power amplifier ever designed to address the varying needs of your home cinema.
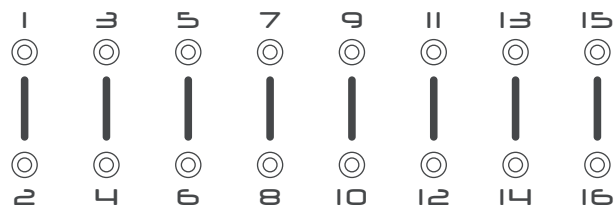
POWER ANY SPEAKER

The Amplitude[16] delivers 16 channels of power amplification and each channel can easily drive most loudspeakers. For more demanding screen channels or subwoofers, pairs of channels can be bridged to increase the power and adapt to the specific needs of your theater.

Channels

1   3   5   7   9   11   13   15
◎   ◎   ◎   ◎   ◎   ◎   ◎   ◎
| | | | | | | |
◎   ◎   ◎   ◎   ◎   ◎   ◎   ◎
2   4   6   8   10 12   14   16

DESIGN

• 16-channel power amp with a dual 8-channel design

• Dual power supply and 2 AC mains inlets

• Front panel LEDs to indicate:

  - Normal operation, clipping, protection

  - Bridge status for each pair of channels

POWER SPECIFICATION

• One Channel 8Ω: 200W (1kHz, 0,1% < THD+N)

• One Channel 4Ω: 400W (1kHz, 0,1% < THD+N)

• One Channel Bridged 8Ω: 800W (1kHz, 0,1% < THD+N)

• One Channel Bridged 4Ω: 1000W (1kHz, 0,1% < THD+N)

• Total Output Power (120 VAC): 2800W all channels driven SE or BTL

• Total Output Power (230 VAC): 3200W all channels driven SE or BTL

• Peak Power: 6080W all channels driven SE or BTL

• Gain: 16 dB single ended / 22 dB bridged

INTEGRATION

• 16 channel in a 3U chassis, designed to match the Altitude's aesthetics

• 2x DB25 connectivity

• Trigger input/output for daisy-chaining amplifiers

• Input level sensitivity matches perfectly the Altitude output level to maximize dynamic range and signal-to-noise ratio.

OPTIONAL DANTE BOARD

• 16 channels over Dante, includes hardware monitoring

TRINNOV | HIGH•END