



AMP1 DIGITAL DAC AMPLIFIER



Chromecast built-in



NAD's Most Compact Amplifier Ever with Chromecast built-in and Digital Amplifier Technology

Introducing the NAD AMP1.

The AMP1 adds big sound to your favourite music sources and brings incredible flexibility to any stereo system. This hi-fi amplifier has Chromecast built-in, and allows you to stream and cast music directly from a mobile device or any music streaming app, letting you enjoy your music wirelessly. With Bluetooth® also natively integrated, the AMP1 can wirelessly connect to any smart phone, tablet, or Bluetooth-enabled device within range so you seamlessly stream your favourite music apps or libraries in high-fidelity. Add a turntable using the phono input and experience the warmth of vinyl collections with the room-filling sound of pure digital amplifier technology. The design is compact and very discrete with a beautiful aluminium cabinet with a finish that is unheard of in this price category.

Getting the Basics Right

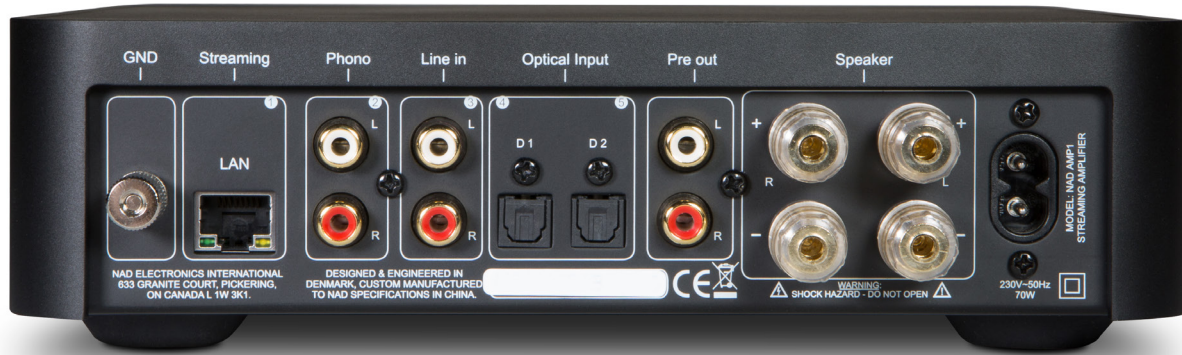
Built with NAD's renowned music-first approach to audio architecture and amp design, the AMP1 is equipped with the most advanced components commonly found in NAD's class-leading line of amplifiers. Always starting with the details you can hear and advancing from there, NAD develops low-noise circuitry with the precision and stability to deliver incredible, near-zero distortion sound for the most difficult speakers.

Clear and Pure Digital Amp Technology

The search for a high-performance Class D solution led NAD to a pure digital and innovative amplifier. Using ESS Sabre 32Bit DACs in full balanced mode with six separate power supplies secures the best signal path possible. This highly optimized design gives phenomenal performance to the AMP1 amplifier, both measured and subjective.

Features & Details

- 40W x 2 Rated Power into 8 or 4 Ohms
- Wireless music via Chromecast built-in
- Integrated Bluetooth® for added music streaming flexibility
- Built-in Phono Preamp for Turntables
- Stereo Line and 2 Optical input ports
- TV remote control support for most popular brands
- Subwoofer Output
- High quality, compact and discrete design



Efficient Class D Power

NAD has worked tirelessly to create the best performing Class D amplifiers that are energy efficient and produce beautiful sound—not heat—regardless of basic design principles. Using advanced measurements and data, NAD developed the AMP1's highly efficient power supply that instantaneously meets the demands of the most dynamic music. This new design is very linear over a wide bandwidth and provides consistent, noise-free performance for the amplifying stages with near perfect regulation of voltage.

Always Ready for Streaming

The AMP1 has Chromecast built-in so you can cast music, iTunes, podcasts, and playlists from your favourite apps on your phone, tablet or laptop. With Bluetooth® integration and its added flexibility, your music streaming possibilities are truly limitless with the AMP1.

Built-in Phono Stage for Vinyl Listening

Connect a turntable to the AMP1 with its built-in phono preamp that applies the perfect amplification to your vinyl collection. Using a MM phono stage and an innovative low-noise circuit path, the AMP1 can reproduce the warmth of LPs with accurate RIAA equalization and control the infrasonic noise that is present in all recordings, without ever affecting the bass response.

Flexible Connectivity

With a wide array of connections, the AMP1 is ready for any type of listening. Line input can accommodate all kinds of analogue source components, offering auto power on/off signal sense. And digital inputs with optimum sound quality thanks to jitter reducing circuitry. Also connect a subwoofer with low impedance line outputs and extend the versatility of this budget-friendly, do-it-all amplifier.

AMP1 can be connected to your existing TV system and deliver crisp, high-fidelity sound giving you TV experiences that you would normally only dream about without compromising the convenience that you take for granted. AMP1 will understand remote codes from the most popular TV brands in the market making the AMP1 the perfect partner for most TVs in your living room.

Specifications AMP1

GENERAL SPECIFICATIONS

Rated Output Power into 4 Ohms and 8 Ohms (Stereo)		>40W (at rated THD, 20-20kHz, both channels driven)
IHF Dynamic Power	4 Ohm	100W
	8 Ohm	50W
THD (20Hz - 20kHz)		<0.03% (Rated power, 8 Ohms and 4 Ohms)
Signal/Noise Ratio		>106dB (A-weighted, Optical input, ref. 40W out in 8 Ohms)
Clipping power		>50W (at 1kHz 0.1% THD)
Frequency response		±0.3dB (20Hz-20kHz, 4-8 Ohms load)
Input sensitivity (for 40W in 8 Ohms)		Line In: 450mV Digital In: -5dB FS
Maximum input signal		>2.1Vrms (ref. 0.1% THD)
Output impedance		220 Ohms
Maximum voltage output		>2.0V (ref. 0.1% THD)
Support bit rate/sample rate		Up to 24bit/192kHz
Standby Power		<0.5W (Off-mode) <3W (Network standby)
Input sensitivity, Phono		5mV (ref 40W 1kHz 8 Ohms out, volume maximum)

DIMENSIONS AND WEIGHT

Dimensions (W x H x D) *	220 x 63 x 252mm 8 5/8 x 2 1/2 x 10" **
Net Weight	4.85kg (10.7lb)

* Gross dimensions include feet, extended buttons and rear panel terminals.

** Non-metric measurements are approximate. NAD Electronics will not assume any liability for errors being made by retailers, custom installers, cabinet makers, or other end users based on information contained in this document. Note: Installers should allow a minimum clearance of 55mm for wire/cable management.

