

**NAD C 368 HYBRID DIGITAL DAC  
AMPLIFIER**

**\$1,529.00**

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**SKU: C368**

**Category: [2 Channel Amplifiers](#)**



**GALLERY IMAGES**



**PRODUCT DESCRIPTION**

When it comes time to create a product, NAD never overlooks the most crucial of requirements. From low noise circuits to precise volume control action, to accurate channel balance and proper input and output impedance characteristics, NAD does everything they can to get these things exactly right. NAD also include an MM Phono stage with precisely accurate RIAA equalisation, high overload margins, extremely low noise, and an innovative circuit to suppress infrasonic noise that is present on all LPs all without affecting bass response. Line inputs can accommodate all kinds of analogue source components by offering ideal input impedance characteristics with linear ultra-low-noise buffer amplifiers to prevent any



sonic degradation caused by inappropriate loading of the source device. The separate headphone amplifier with low output impedance and very high output voltage capability is enough to drive even high impedance studio monitor headphones. Low impedance line outputs that can connect to subwoofers extend the versatility of this well thought out amplifier. These are all details you can hear.

### **Forward Thinking**

Modular Design Construction (MDC), an exclusive feature of NAD products, allows you to customise your NAD amplifier with additional capabilities and features, now or in the future. The two available MDC slots can accommodate a variety of upgrade modules including 4K video capable HDMI switching, additional Digital Inputs, additional Analogue and Phono Inputs, and one of the most advanced Hi-Res Audio multi-room wireless systems available, the BluOS music management system developed by Bluesound. BluOS connects to your network and is controlled via smartphone, tablet or desktop to manage your music collection and connect you to a growing list of high-quality streaming music services.

### **Instant Connection**

As previously revealed, you can connect instantly to the C 368 with Bluetooth®, allowing you to stream music wirelessly from any Bluetooth-enabled device. The high-performance aptX® codec is fully supported for true CD quality sound. Bluetooth can also be used to listen to other sources connected to the C 368 via wireless headphones. There is also a control app that allows your smartphone or tablet to control all functions of your C 368. Adding the optional BluOS Module provides access to your local area network via Wi-Fi or wired Ethernet connection and adds Hi-Res Audio streaming. The BluOS Module also makes the C 368 a single-zone streamer in a complete multi-room wireless music system that is fully compatible with BluOS-enabled music systems and wireless speakers. These are available in a variety of sizes and shapes to fit every room and extend the performance of your primary music system to create a warm ambience of sound in your home.

### **Sophisticated Power**

In the last few years, NAD has moved away from the old-fashioned linear power supplies and Class AB output stages that waste energy and have instead developed even better-performing circuits based on switch-mode power supplies and Class D output stages. Once thought to be inferior to traditional topologies, NAD's advanced work in this area has created some of the best performing amplifiers regardless of basic design principle. These new designs are very linear over a wide bandwidth and provide consistent performance into all speaker loads, providing a dramatic advance over previous models.

Furthermore, the power supply is capable of 200 watts continuously and over 600 watts instantaneously to allow for short-term musical transients. It can operate with any AC mains voltage from 100 to 240 volts and provides pure DC power to all the various stages of the C 368. This highly efficient supply also provides near perfect regulation of voltage across a wide range of conditions and provides a solid noise-free foundation for the amplifying stages.

Using a customised version of the proven Hypex UcD output stage, the C 368 allows for massive power with nearly unmeasurable distortion and noise in the audible range. Every detail of this design has been

carefully planned and perfectly executed to produce every last drop of performance.

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## KEY FEATURES

- 80W x 2 Continuous power into 8 or 4 Ohms
  - Bluetooth ADP4 with aptX® supported
    - MM Phono input
    - Analogue line inputs
  - USB port for service purposes
  - SPDIF coax and optical inputs
    - Speaker A, Speaker B
  - Stereo or Bridge mode configuration
    - Preamp/Subwoofer out
    - Headphone amplifier
  - MDC Slots for future upgrades
    - IR Remote
    - Smartphone Control App
      - 12V Trigger in/out
      - IR in/out
    - RS-232 Serial port for control
- Control4, Crestron, RTI, URC, AMX, Savant, Elan certified

## SPECIFICATIONS

**RMS Power into 4 and 8 (Stereo):** 80W (at rated THD, 20-20kHz, both channels driven)

**IHF Dynamic Power:** 2 - 260W, 4 - 240W, 8 - 145W

**THD:** 0.009%

**IMD:** 0.009%

**Signal/Noise Ratio:** <-92dB (IHF; A-weighted, 500mV input ref. 1W out in 8 ), <-110dB (IHF; A-weighted, ref. 50W in 8 , max volume)

**Damping Factor:** >200 (ref. 8 , 50Hz and 1kHz)

**Frequency Response:** 10Hz-65kHz

**Channel Separation:** 1kHz - 85dB, 10kHz - 70dB

**Sample Rate:** 192kHz/24bit

**Standby Power:** 0.5W

**Idle Power:** 29W

**Inputs Digital:** Coax x2, Optical x2

**Analogue:** Line In x2, Moving Magnet Phono Preamp (0.3mV input sensitivity ref. 200mV preout)

**Dimensions (WxHxD):** 435 x 71 x 407mm

**Net Weight:** 8.6kg

**CRITIC REVIEWS**

## the absolute sound®

*“...this could be the last hi-fi purchase you’ll need to make. I was impressed, which seldom happens. Strongly recommended.” [Click for full review.](#)*



*“...good features alone do not make a good audio product. Impressively, the NAD C368 pulls it off nicely in the sonic department as well...” [Click for full review.](#)*