



# NAD C 359S INTEGRATED AMPLIFIER



The NAD C 359S brings familiar NAD simplicity together with contemporary performance and connectivity. Delivering  $2 \times 70$  watts of continuous power into 8 ohms, it combines proven Class AB amplification with a high-current, low-noise switch-mode power supply for confident real-world performance. Physical controls keep operation direct and intuitive, while BluOS built-in adds high-resolution streaming and multi-room capability. HDMI eARC, Bluetooth, phono, flexible connectivity and sophisticated subwoofer integration make the C 359S a versatile centrepiece for music, TV and more.

## NAD SIMPLICITY

The C 359S preserves the Classic Series design that has long defined NAD integrated amplifiers. Physical buttons and rotary controls, together with an included IR remote, provide direct access to everyday functions without relying on a large display or menu-driven interface. Behind these familiar controls are modern capabilities including streaming, digital connectivity and flexible system integration. The result is an intuitive listening experience with the flexibility expected from a modern hi-fi system.

## FEATURES & DETAILS

- $2 \times 70$  watts of continuous power into 8 ohms
- Class AB amplification
- High-current, low-noise switch-mode power supply
- BluOS built-in for high-resolution music streaming and multi-room capability
- HDMI eARC for TV connection
- Bluetooth aptX HD wireless connectivity
- Phono input for turntables
- Analogue and optical digital inputs
- Flexible subwoofer integration with optional high-pass filtering
- Dedicated headphone output
- Physical buttons and rotary controls
- IR remote control included



## MODERN CLASS AB

The C 359S pairs proven Class AB amplification with a high-current, low-noise switch-mode power supply. Designed specifically for the amplifier, the power supply delivers clean, stable power with the responsiveness needed for musical dynamics. A modern circuit architecture keeps power conversion, signal processing and amplification carefully separated to help minimize unwanted interaction. With  $2 \times 70$  watts of continuous power into 8 ohms, the C 359S delivers the power and control needed to drive a wide range of loudspeakers with confidence.

## BLUOS BUILT-IN

With BluOS built-in, the C 359S provides high-resolution music streaming without the need for a separate streamer. The BluOS Controller app makes it easy to access streaming services, internet radio and music stored on a local network, all from one intuitive interface. BluOS also adds multi-room capability, allowing the C 359S to connect with compatible BluOS players throughout the home. With streaming integrated directly into the amplifier, a world of music is always within easy reach.

## VERSATILE CONNECTIVITY

The C 359S brings a wide range of music and entertainment sources together in one system. HDMI eARC makes it easy to enjoy TV sound with the C 359S, while Bluetooth provides convenient wireless listening from compatible devices. Phono, analogue and optical inputs accommodate turntables and other traditional source components, and a dedicated headphone output provides an option for private listening. This flexibility makes it easy to enjoy everything from vinyl and CDs to TV audio and wireless music through the same amplifier.

## SMARTER 2.1 INTEGRATION

The C 359S takes a more considered approach to integrating a subwoofer into a stereo system. Optional high-pass filtering redirects low frequencies to the subwoofer, reducing the bass demands placed on the main speakers and amplifier. This can improve clarity, imaging and available headroom while allowing the speakers and subwoofer to work more effectively together. The result is a flexible foundation for building a capable 2.1-channel music system.



# NAD C 359S

All specs are measured according to IHF 202 CEA 490-AR-2008 standard. THD is measured using AP AUX 0025 passive filter and AES 17 active filter.

## PREAMPLIFIER SECTION

### LINE IN, SUB-OUT (Analog bypass on)

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| THD (20 Hz – 20 kHz)      | <0.005 % at 4V out                               |
| Signal-to-Noise Ratio     | >90 dB (IHF; A-weighted, 500 mV out, unity gain) |
| Input impedance (R and C) | 28 kohms + 360 pF                                |
| Maximum input signal      | >3.7 Vrms (0.1 % THD)                            |
| Output impedance          | 440 ohms                                         |
| Input sensitivity         | 160 mV (500 mV out, Volume maximum)              |
| Frequency response        | 20 Hz – 20 kHz ( $\pm 0.3$ dB)                   |
| Maximum output voltage    | >5 V (0.1 % THD)                                 |

### LINE IN, HEADPHONE OUT

|                       |                                                        |
|-----------------------|--------------------------------------------------------|
| THD (20 Hz – 20 kHz)  | <0.005 % at 1V out                                     |
| Signal-to-Noise Ratio | >110 dB (32 ohms load; A-weighted, 1V out, unity gain) |
| Frequency response    | 20 Hz – 20 kHz ( $\pm 0.3$ dB)                         |
| Channel separation    | >60 dB at 1kHz                                         |
| Output impedance      | 5 ohms                                                 |

## GENERAL SPECIFICATIONS

### LINE IN, SPEAKER OUT

|                                    |                                                                     |
|------------------------------------|---------------------------------------------------------------------|
| Net weight                         | 4.2 kg (9.3 lbs)                                                    |
| Shipping weight                    | 4.4 kg (9.7 lbs)                                                    |
| Rated output power into 8 ohms     | 70 W (20 Hz-80 kHz at rated THD, both channels driven)              |
| Rated output power into 4 ohms     | 120 W (20 Hz-80 kHz at rated THD, both channels driven)             |
| THD (20 Hz – 20 kHz)               | <0.03 % (250 mW to 120 W, 4 ohms)                                   |
| THD (20 Hz – 20 kHz)               | <0.03 % (250 mW to 70 W, 8 ohms)                                    |
| Signal-to-Noise Ratio              | >90 dB (A-weighted, 500 mV input, 1 W out 8 ohms)                   |
| Clipping power                     | >130 W (1 kHz 0.3 % THD, 4 ohms)<br>>75 W (1 kHz 0.3 % THD, 8 ohms) |
| IHF dynamic power                  | 8 ohms: 76 W<br>4 ohms: 144 W<br>2 ohms: 210 W                      |
| Peak output current                | >20 A (1 ohm, 1 ms)                                                 |
| Damping factor                     | >210 (20 Hz to 1 kHz, 8 ohms)<br>>120 (10kHz, 8 ohms)               |
| Frequency response                 | 20 Hz – 20 kHz ( $\pm 0.3$ dB)                                      |
| Channel separation                 | >75 dB (1 kHz)<br>>70 dB (10 kHz)                                   |
| Input sensitivity (70 W in 8 ohms) | 510 mV                                                              |
| Power consumption, standby mode    | 0.5 W                                                               |
| Maximum transmit power             | 7 dBm $\pm$ 2 dBm                                                   |



**PHONO INPUT, SPEAKER OUT**

|                           |                                               |
|---------------------------|-----------------------------------------------|
| THD (20 Hz – 20 kHz)      | <0.05 % at 70 W out 8 ohms                    |
| Signal-to-Noise Ratio     | >82 dB (10 mV in; A-weighted, 1 W out)        |
| Input impedance (R and C) | 46 kohms/100 pF                               |
| Input sensitivity         | 9.8 mV (70W out 1 kHz 8 ohms, Volume maximum) |
| Frequency response        | 20 Hz – 20 kHz ( $\pm 0.3$ dB)                |

Note: The RIAA response is consistent with a pre-emphasis that is rolled off at 50 kHz by a second order filter, such as used in Neumann cutting lathes.

|                               |                       |
|-------------------------------|-----------------------|
| Maximum input signal at 1 kHz | >63 mVrms (0.1 % THD) |
|-------------------------------|-----------------------|

**OPTICAL INPUT, SPEAKER OUT**

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| THD (20 Hz – 20 kHz)           | <0.05 % at 70 W out 8 ohms<br><0.05 % at 120 W out 4 ohms |
| Signal-to-Noise Ratio          | >90 dB (-13 dBFS in, A-weighted 1 W out)                  |
| Input sensitivity (70W 8 ohms) | -12 dBFS                                                  |
| Sample rate                    | 44.1 kHz – 192 kHz                                        |
| Channel separation             | >75 dB (1 kHz)<br>>70 dB (10 kHz)                         |
| Frequency response             | 20 Hz – 20 kHz ( $\pm 0.3$ dB)                            |

**BluOS SECTION****AUDIO**

|                                               |                                       |
|-----------------------------------------------|---------------------------------------|
| Supported audio file format**                 | MP3, AAC, WMA, OGG, WMA-L, ALAC, OPUS |
| Supported high-resolution audio file format** | FLAC, MQA, WAV, AIFF                  |
| Sampling rate                                 | up to 192 kHz                         |
| Bit depths                                    | 16 – 24                               |

**CONNECTIVITY**

|                        |                                  |
|------------------------|----------------------------------|
| Network connectivity   | Gigabit Ethernet RJ45<br>Wi-Fi 5 |
| Bluetooth quality      | aptX HD 5.0                      |
| Bluetooth connectivity | Receive mode                     |
| Output impedance       | 5 ohms                           |

**USER INTERFACE**

|                                          |                                                                                                                                            |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Supported operating system in desktops** | Music playback from network shares on the following desktop operating systems: Microsoft Windows 10 or higher and macOS 10.3 or higher     |
| Mobile Application                       | Free BluOS Controller App available for download from the respective App stores of iOS devices, Android devices, Windows or macOS desktops |

**SUPPORTED SERVICES\*\***

|                          |                                                                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Streaming cloud services | Amazon Music, Bugs, Custom Channels, Deezer, IDAGIO, KKBOX, Napster, Neil Young Archives, nugs.net, Pandora, Presto Music, Qobuz, QPlay, Qsic, SOUNDMACHINE, Spotify, TIDAL, Tunist |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



Free internet radio

Radio, Calm Radio, iHeartRadio, LiveOne, Radio Paradise, SiriusXM, TuneIn

Integration partners

Control4, Crestron, ELAN, Lutron, Push, Roon, RTI, URC

Voice Control Integration

Skills and support for Amazon Alexa and Apple's Siri with corresponding enabled devices and App

## DIMENSION AND WEIGHT

Gross dimensions (W x H x D) \*\*\*

435 x 100 x 400 mm  
17.25 x 4 x 15.25 inches

Net weight

8.9 kg (19.6 lbs)

Shipping weight

10.7 kg (23.6 lbs)

\* - After 15 minutes of no user interface interaction and no active source input

\*\* - Subject to change without notice

\*\*\* - Gross dimension includes feet, volume knob and extended rear panel terminals

Specifications are subject to change without notice. For updated documentation and features, please check out [www.NADelectronics.com](http://www.NADelectronics.com) for the latest information about C 359S.

