NAD C 359S INTEGRATED AMPLIFIER

The NAD C 359S brings familiar NAD simplicity together with contemporary performance and connectivity. Delivering 2 × 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 × 70 watts of continuous power into 8 ohms and 2 × 120 watts into 4 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. Drawing on NAD's Class D development expertise, 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. The C 359S delivers 2 × 70 watts of continuous power into 8 ohms, rising to 2 × 120 watts into 4 ohms for greater power delivery into more demanding loudspeaker loads.

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.

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.

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.

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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 (±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 (±0.3 dB)
Channel separation	>60 dB at 1kHz
Output impedance	5 ohms

GENERAL SPECIFICATIONS

LINE IN, SPEAKER OUT	
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) >75 W (1 kHz 0.3 % THD, 8 ohms)
IHF dynamic power	8 ohms: 76 W 4 ohms: 144 W 2 ohms: 210 W
Peak output current	>20 A (1 ohm, 1 ms)
Damping factor	>210 (20 Hz to 1 kHz, 8 ohms) >120 (10kHz, 8 ohms)
Frequency response	20 Hz - 20 kHz (±0.3 dB)
Channel separation	>75 dB (1 kHz) >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 ± 2 dBm

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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	3.95mV (60W out 1kHz, 8 ohms, volume maximum)
Frequency response	20 Hz - 20 kHz (±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 <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) >70 dB (10 kHz)
Frequency response	20 Hz - 20 kHz (±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 Wi-Fi 5
Bluetooth quality	aptX HD 5.0
Bluetooth connectivity	Receive mode

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, Tunify

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Free internet radio	Radio, Calm Radio, iHeartRadio, LiveOne, Radio Paradise, SiriusXM, TuneIn, Double Star (Subject to chance without notice).
Integration partners	Control4, Crestron, ELAN, Lutron, Push, Roon, RTI, URC, Double Star (Subject to chance without notice).
Voice Control Integration	Skills and support for Amazon Alexa and Apple's Siri with corresponding enabled devices and App, Double Star (Subject to chance without notice).

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 for the latest information about C 359S.

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