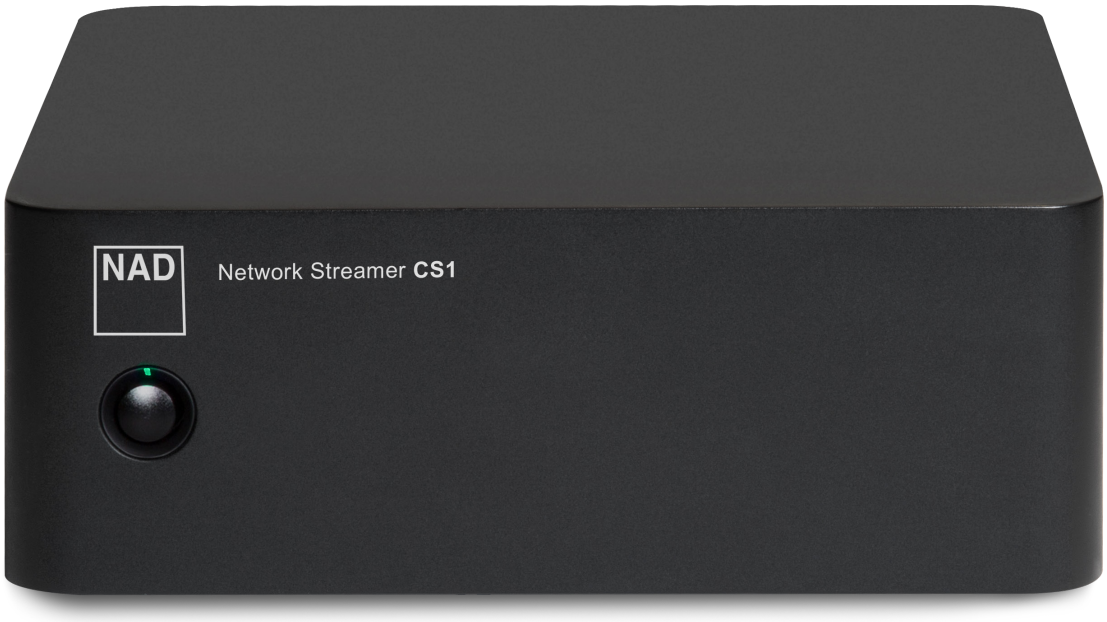
NAD CS1 Endpoint Network Streamer

[PRELIMINARY]



NAD CS1 Endpoint Network Streamer

NAD's CS1 Endpoint Network Streamer is an easy and affordable way to add audiophile-grade music streaming to any stereo or home-theatre setup. Or you can combine the CS1 with a pair of powered speakers to configure a modern, low-footprint music system. Featuring Bluetooth®, Ethernet, and Wi-Fi connectivity, the CS1 supports the most popular network streaming and casting protocols, including Apple AirPlay 2, Google Chromecast, UPnP, Spotify Connect, Tidal Connect, and Roon. The CS1 can play high-resolution audio, up to 24-bit/192kHz and decodes MQA recordings for master quality listening.

Well Supported

There are a multitude of ways to play music through the CS1 Endpoint Network Streamer. You can use Bluetooth® to pair the CS1 with a smartphone, tablet, or computer. The CS1 is compatible with the following Bluetooth Profiles - A2DP 1.2, AVRCP 1.3, SPP, HFP, HSP, HOGP.

You'll get even better sound via Wi-Fi or Ethernet. You can use AirPlay 2 to stream CD-resolution audio from any app on an iPhone, iPad, or Mac, or from an iTunes library on a Windows PC.

You can use Google Chromecast to cast music to the CS1 from any Cast-enabled app on a mobile device or personal computer, at up to 24-bit/96kHz resolution. Spotify and Tidal subscribers can cue up music in the apps for those services, then easily transfer playback to the CS1. Roon subscribers can play music from their digital libraries and from streaming services supported by Roon.

Audiophile Grade

Regardless of how you stream or cast music to the CS1, you'll love what you hear. Employing premium components throughout, the CS1 features an advanced differential digital section based on Texas Instruments' PCM5141, a chip known for its extremely low noise, excellent dynamic performance, and immunity to clock jitter. The CS1 supports resolution up to 24-bit/192kHz.

Well Connected

You can connect the CS1 to your home network via Wi-Fi or hardwire its Ethernet port to your network router or an access point. The CS1 has a pair of RCA line-level analogue outputs for connection to a stereo receiver, integrated amp, preamplifier, or a pair of powered speakers. Alternatively, you can use the CS1's optical or coaxial output to send digital audio at up to 24-bit/192kHz resolution to powered loudspeakers with digital inputs, or to a home-theatre receiver or external DAC.

A compact, minimalist design, the NAD CS1 Endpoint Network Streamer makes it simple to add streaming capability to any sound system—without the need for special apps. Choose the music you want to hear with apps you already know, then sit back and enjoy audiophile-grade sound.

- Compact, minimalist design.
- The CS1 is compatible with the following Bluetooth Profiles - A2DP 1.2, AVRCP 1.3, SPP, HFP, HSP, HOGP
- Dual-band Wi-Fi plus LAN Ethernet port.
- Stereo analogue, optical digital, and coaxial digital outputs.
- Premium differential DAC design based on Texas Instruments PCM5141, with support for 24-bit/192kHz high-resolution audio.
- Apple AirPlay 2 support allows CD-resolution streaming from any audio app on an iPhone, iPad, or Mac.
- Google Chromecast support allows playback at up to 24-bit/96kHz resolution from any Cast-enabled app on a smartphone, tablet, or personal computer.
- Spotify Connect and Tidal Connect support lets users cue up music on a smart device, then transfer playback to the CS1.
- DLNA support allows streaming at up to 24-bit/192kHz resolution from any DLNA-capable music app.*
- Roon subscribers can stream audio to the CS1 from their personal libraries and online services supported by Roon.

NAD

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NAD CS1 Endpoint Network Streamer SPECIFICATIONS

AUDIO & OPERATING SYSTEM

AUDIO

THD + N (20 Hz – 20 kHz)	<0.03% 20-20 kHz -1dBFS output
Signal-to-Noise ratio	-94dB (ref 2V)
Frequency response	20-20 kHz +/-0.3dB; 50 kHz -3dB
Native sampling rate	Up to 192 kHz
Bit depth	16-24
Supported audio file format	LPCM, MP3, AC3, Ogg Vorbis, HE-AAC, MQA & WMA decode capability
Supported 3rd party service provider	Spotify Connect, Tidal Connect, Apple AirPlay 2, Google Chromecast, DLNA
DAC	TI PCM5254
Processor	ARM® Cortex™ -A53, Quad-Core, 1.5GHz per core

CONNECTIONS

Power	AC adapter Input: 100-240V AC 0.3A Output: 5V DC 1A
Network connectivity	Ethernet RJ45 100 Mbps Wi-Fi 5 (802.11ac 2.4GHz/5 GHz)
Bluetooth	DLNA/UPnp* Bluetooth 5.0
NFC	BT Profiles: A2DP 1.2, AVRCP 1.3, SPP, HFP, HSP, HOGP
12V Trigger Out	NFC for easy Bluetooth connection
Analog Out	3.5mm Mini-jack x 1
Coaxial Out	RCA x 1
Optical Out	RCA 75 ohms
USB IN	TOSLINK x 1 USB C for AC adapter

GENERAL

Status Indicator	Front Panel LED
Function Button	Front Panel Function Button
Power Consumption	0.5W Network Standby
Finish	Black

DIMENSION AND WEIGHT

Gross dimensions (W x H x D) **	140 x 140 x 55 mm (5.5 x 5.5 x 2.16 in)
Net weight	1.5 kg / 3.3lbs
Shipping weight	1.7 kg/ 3.8lbs

* Certification in progress as of publishing date
** Gross dimension includes feet and other extended front and rear panel terminals.

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