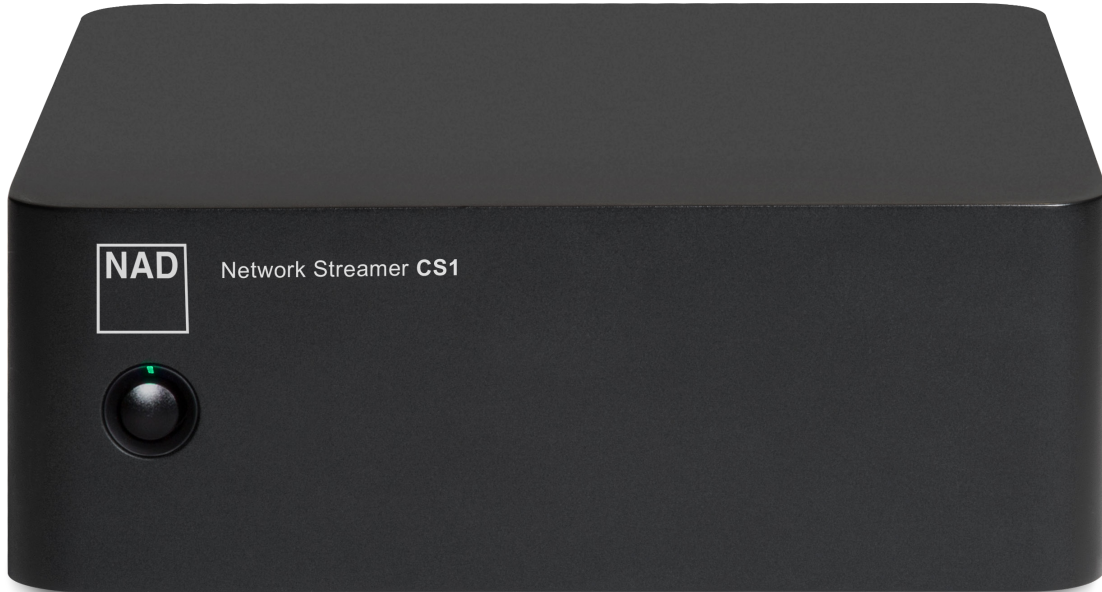




# Bluesound Professional CS1 Endpoint Network Streamer

[PRELIMINARY]



## Bluesound Professional CS1 Endpoint Network Streamer

The CS1 Endpoint Network Streamer is an easy and affordable way to add audiophile-grade music streaming to any stereo 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, DLNA, 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, and the CS1 offers many options. 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 network via Wi-Fi or hardwire its Ethernet port to your network router or an access point. The CS1 can be connected via its analogue output or digital output to the HUB or directly to a Bluesound Professional player.

A compact, minimalist design, the CS1 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 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.
- Roon subscribers can stream audio to the CS1 from their personal libraries and online services supported by Roon.
- DLNA support allows streaming at up to 24-bit/192kHz resolution from any DNLA-capable music app.\*

# Bluesound Professional 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, AAC/AAC+, AC3, Ogg Vorbis, HE-AAC, WMA decode capability            |
| Supported 3rd party service provider | Spotify Connect, Tidal Connect, Apple AirPlay 2, Google Chromecast, DLNA, Roon |
| DAC                                  | TI PCM5254   |
| Processor                            | ARM® Cortex™ -A53, Quad-Core, 1.5GHz per core                                  |

### CONNECTIONS

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