

## NAD NADCS1

# NAD CS1 Endpoint Network Streamer Instruction Manual

Brand: NAD | Model: NADCS1

## INTRODUCTION

The NAD CS1 Endpoint Network Streamer is designed to integrate high-resolution audio streaming into your existing sound system. It supports a wide array of popular streaming platforms and offers versatile connectivity options to deliver pristine audio quality. This manual provides essential information for setting up, operating, and maintaining your NAD CS1.

## SETUP

Follow these steps to set up your NAD CS1 Endpoint Network Streamer:

- Power Connection:** Connect the provided USB-C power adapter to the 'POWER' port on the rear of the CS1 and plug it into a wall outlet. The unit will power on automatically.
- Audio System Connection:** Choose one of the following methods to connect the CS1 to your audio system:
  - Analog Output (RCA):** Use RCA cables to connect the 'AUDIO OUT' ports on the CS1 to the analog input of your amplifier, receiver, or powered speakers.
  - Digital Optical Output:** Use an optical cable to connect the 'OPTICAL OUT' port on the CS1 to a digital optical input on your AV receiver or external DAC.
  - Digital Coaxial Output:** Use a coaxial cable to connect the 'COAX OUT' port on the CS1 to a digital coaxial input on your AV receiver or external DAC.
- Network Connection:** The CS1 offers both wired and wireless network options:
  - Wired Ethernet:** For maximum stability, connect an Ethernet cable from your router to the 'LAN' port on the rear of the CS1.

- **Wi-Fi:** The CS1 supports high-speed dual-band Wi-Fi. Follow the instructions in your preferred streaming app (e.g., Apple Home for AirPlay 2, Google Home for Chromecast) to connect the device to your wireless network.
4. **Bluetooth Pairing:** To pair a Bluetooth device, locate the small 'SETUP' button on the rear panel. Press and hold this button for a few seconds until the front LED indicator starts blinking blue. Then, search for 'NAD CS1' on your Bluetooth device and select it to pair.
  5. **App Installation:** Download your preferred streaming app (e.g., Apple Home, Google Home, Spotify, Tidal, Roon) to your smartphone or tablet. The NAD CS1 integrates seamlessly with these apps for control and playback.



Figure 1: Rear panel of the NAD CS1 showing power, audio output, and network connections.

## OPERATING INSTRUCTIONS

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The NAD CS1 is designed for intuitive control through your favorite streaming applications:

- **Streaming Services:** The CS1 supports direct streaming from Apple AirPlay 2, Chromecast, Spotify Connect, Tidal Connect, and is compatible with DLNA apps and Roon. Simply open your preferred app, select the NAD CS1 as your playback device, and begin streaming.
- **Playback Control:** Use the controls within your chosen streaming app to manage playback (play, pause, skip tracks), adjust volume, and create playlists.
- **Multi-Room Audio:** Integrate the NAD CS1 into multi-room audio systems using AirPlay 2, Chromecast, or Roon. This allows for synchronized music playback across multiple compatible devices in your home.
- **Front Panel LED Indicator:** The single button on the front panel features a multicolor LED that indicates the device's status and connection type. For example, a blue light may indicate Bluetooth is ready.



Figure 2: The NAD CS1 seamlessly integrated into a home audio setup.

## KEY FEATURES

- **Premium Hi-Res Streaming:** Supports Apple AirPlay 2, Chromecast, Spotify Connect, Tidal Connect, Bluetooth, DLNA-compatible apps, and Roon for high-fidelity audio.
- **Audiophile DAC Performance:** Equipped with the Texas Instruments PCM5141 DAC, delivering pristine 24-bit/192kHz high-resolution audio with exceptional dynamic range, ultra-low noise floor, and immunity to clock jitter. Full MQA decoding is supported for Tidal Masters.
- **Versatile Connectivity:** Offers stereo RCA outputs for analog systems, and optical and coaxial digital outputs for connection to AV receivers, external DACs, or powered speakers.
- **Flexible Networking:** Provides high-speed dual-band Wi-Fi for wireless streaming, wired Ethernet for maximum stability, and Bluetooth for quick, on-the-go playback.
- **Compact Plug-and-Play Design:** Features a sleek, minimalist form factor that fits effortlessly into any space, offering simple setup and universal compatibility with existing devices and music apps.

## MAINTENANCE

- **Software Updates:** The NAD CS1 may receive automatic software/firmware updates. Ensure the device is connected to the internet for these updates to download and install.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or abrasive materials.
- **Placement:** Place the device on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the unit.

## TROUBLESHOOTING

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- **Difficulty Connecting to Wi-Fi:** Ensure your Wi-Fi router is configured to WPA2 security. Some devices may not be compatible with WPA3. If issues persist, try unplugging the CS1 for 2 minutes, then wait 5 minutes after plugging it back in before attempting to connect.
- **Bluetooth Not Working:** Ensure Bluetooth is enabled on the CS1. This may require pressing the small 'SETUP' button on the rear panel to activate pairing mode. Check your device's Bluetooth settings for the 'NAD CS1' and any additional pairing codes.
- **App Not Finding Device:** Verify that the CS1 is powered on and connected to the same network as your control device (smartphone/tablet). Restarting both the CS1 and the app may resolve the issue.
- **No Sound Output:** Check all audio cable connections (RCA, optical, coaxial) to ensure they are secure. Confirm the correct input is selected on your amplifier or receiver.

## SPECIFICATIONS

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- **Brand Name:** NAD
- **Item Weight:** 2.79 pounds
- **Product Dimensions:** 5.51 x 2.56 x 5.51 inches
- **Item Model Number:** NADCS1
- **Color Name:** Black
- **First Available:** February 14, 2023

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation included with your product or visit the official NAD website. Keep your proof of purchase for warranty claims.