

The NODE NANO is your music streaming essential. Just plug it in to your stereo system, connect to Wi-Fi, and start streaming. Music, radio stations, podcasts, and more from your favorite services with BluOS[™], Apple AirPlay 2, and aptX[™] Adaptive Bluetooth. With an industry-leading ESS SABRE® DAC and audiophile-engineered circuitry, the NODE NANO supports audio up to 24-bit/192kHz for unmatched clarity and depth. Add more than one NODE NANO, or group with Bluesound wireless speakers around the home, and enjoy music in bit-perfect quality in any and every room with easy multi-room control from the BluOS Controller App.

FOR THE AUDIO OBSESSED Every detail matters with the NODE NANO. From carefully built audio circuitry and components, to its breakthrough processing power and acoustic measurements, it's all about design and engineering. At its very core is a flagship ESS SABRE® DAC with Hyperstream® IV technology to deliver FLAC, WAV, AAC, and MQA music (up to 24-bit/192kHz) with breathtaking dynamics and ultra-low distortion. Rule your sonic domain like never before and bring out the best in your music.

YOUR MUSIC AND MORE From popular music streaming services to radio stations and podcasts, the NODE NANO connects you to everything you love to listen to. Plus, with two-way aptX™ Adaptive Bluetooth and Apple AirPlay 2 built in, you can enjoy music from even more apps and services. Connect the NODE NANO to digital music libraries stored on your computer or local network, and effortlessly browse and stream from your collection in the BluOS app.

GO BEYOND THE HIFI SYSTEM With NODE NANO and multiple Bluesound Players, you can create a multi-room music system wirelessly connected by BluOS throughout your whole home. Play your new favorite track everywhere or listen to different music and genres in different rooms with total control from your phone, tablet, or desktop.

SIMPLE AND EASY The NODE NANO is simply designed to connect to any audio system or powered speakers in the house. Compact and easy to set up with RCA, Coax, Optical, and USB outputs, while dual-band Wi-Fi and gigabit ethernet keeps the music streaming without dropouts or interruptions. A backlit front touch panel provides quick control and access to one-touch presets. Its beautiful black matte matches perfectly with stereo components or in an AV rack with support for popular smarthome control systems including Control4, Crestron, and more.

ESS ES9039Q2M SABRE® DAC

STEREO RCA OUTPUT

OPTICAL, COAXIAL & USB OUTPUTS

2 PROGRAMMABLE QUICK-TOUCH PRESETS

BLUOS™ WIRELESS MULTI-ROOM PLATFORM

QUAD-CORE 1.8GHZ ARM® CORTEX™ A53 PROCESSOR

MQA AND HI-RES MUSIC STREAMING

DSD PLAYBACK – VIA FUTURE SOFTWARE UPDATE

AIRPLAY 2 INTEGRATION

SPOTIFY CONNECT + TIDAL CONNECT

LOCAL SERVER MODE

DUAL-BAND WIFI + GIGABIT ETHERNET

TWO-WAY APTX™ ADAPTIVE BLUETOOTH

IR REMOTE LEARNING CAPABILITY SIMPLE WALL MOUNTING SYSTEM

BLACK FINISH







Rear View Front View

NODE NANO SPECIFICATIONS

Supported Audio File Formats: Supported High-Quality Audio File Formats:

DSD Support:

Native Sampling Rates: Bit Depth:

Audio Controls & EQ: DAC: ESS ES9039Q2M

Signal-to-Noise Ratio: -118 dB

Distortion:

SOFTWARE & INTEGRATIONS

Operating System:
App Controller Operating System:

Supported Network File Sharing:

Album Art Supported:

Music Services & Internet Radio:

3rd-Party Integrations:

Control System Integrations:

Voice Control Integrations:

CONNECTIONS Power Supply:

Ethernet/LAN: Wi-Fi Built In:

Bluetooth Quality: Bluetooth Connectivity:

IR Optical Built In: IR Input:

USB IN:

Audio Output:

Coaxial Output:

Optical Output:

Trigger Out: Headphone Output: Subwoofer Output:

USER INTERFACE & CONTROL

Play/Pause Button: Volume Control Buttons: Preset Buttons:

GENERAL Finish:

Mounting: Storage Environment:

Operating Environment:

* all specifications subject to change without notice

MP3, AAC, WMA, WMA-L, OGG, ALAC, OPUS

FLAC, MQA, WAV, AIFF, MPEG-4 SLS DSD256, available via future BluOS update

up to 192 kHz 16-24

BluOS Controller App

THD+N, 0.0007%

BluOS

iOS, Android, Windows, macOS

ARM® Cortex™ -A53, Quad-Core, 1.8GHz per core Server Message Block (SMB) up to 200,000 files

JPG, PNG 23+

AirPlay 2, Spotify Connect, Tidal Connect, Roon Ready

Crestron, Control4, RTI, ELAN, URC, Lutron

Amazon Alexa Skills

USB-C (5V-2A)

Ethernet RJ45, Gigabit 1000 Mbps Wi-Fi 5 (802.11ac), dual-band Bluetooth 5.2 aptX Adaptive Two-Way (transmit & receive)

IR Sensor Built In - front panel with IR Remote Learning

3.5mm Jack

Type A (Fat32 Formatted) - External Storage only

Local Server Mode

Analog RCA Stereo with Fixed option

USB Audio 2.0 (Type A) **RCA**

TOSLINK digital optical 12 Volt

Bluetooth Wireless to PULSE SUB+

LED Status Indicator:

Touch LED Touch LED

Touch LED x 2

Black: Matte Satin Paint

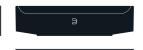
Bottom-panel keyhole slots -10°C to 50°C, 20% to 80% relative humidity

0°C to 40°C N030





H 36mm (1.4")



W 143mm (5.6")

Product Dimensions

143 x 36 x 143mm (W x H x D) 5.6 x 1.4 x 5.6 in (W x H x D)*

Weight: 0.57kg / 1.26lbs

Included Accessories

- USB Power Supply
- 4x International Plug Adapter
- USB-C Power Cable
- Stereo RCA to RCA Cable
- Ethernet Cable
- Safety/Warranty Guide
- Quick Setup Guide



^{*}Non-metric measurements are approximate.