

POWERNODE

Multi-Room Music Streaming Amplifier



POWERFUL DIRECTDIGITAL™ AMPLIFICATION The POWERNODE is driven by Bluesound's refined DirectDigital™ amplification platform, delivering 100 watts per channel into 8 ohms with exceptional detail and minimal distortion. Whether you're streaming hi-res tracks or watching your favorite show, it brings out the full potential of your movies and music.

SIMPLE AV INTEGRATION Designed with modern living in mind, the POWERNODE connects to your TV through HDMI eARC, supports center channel output, and pairs wirelessly with Bluesound rear speakers and subwoofers. It's the all-in-one AV solution that keeps setup clean without compromising sound.

HI-RES STREAMING WITH BLUOS BluOS puts over 20 streaming services, thousands of internet radio stations, and your local music library at your fingertips. Stream in up to 24-bit hi-res audio across multiple rooms or enjoy direct playback from your phone or tablet. The BluOS Controller app makes it all effortless.

MODERN DESIGN, INTUITIVE CONTROL With a sleek form factor, glass touch panel, and proximity sensor, the POWERNODE blends into any space. Five quick-access presets and responsive touch controls make playback feel immediate and intuitive, whether it's wall-mounted or shelf-bound.

VERSATILE CONNECTIONS FOR ANY SETUP Plug into anything with USB-C, HDMI eARC, optical and analog inputs, aptX Adaptive Bluetooth®, and THX AAA™ headphone amplification. From passive speakers and TVs to wired headphones and subs, the POWERNODE is ready for it all.

DIRECTDIGITAL™ AMPLIFIER WITH GAN FETS
100 WATTS PER CHANNEL IN TWO CHANNEL STEREO MODE
80 WATTS PER CHANNEL IN THREE CHANNEL LCR MODE
LEFT-CENTER-RIGHT SPEAKER OUTPUT
SUBWOOFER OUTPUT
6.3MM HEADPHONE OUTPUT
THX AAA™ HEADPHONE AMPLIFIER TECHNOLOGY
HDMI eARC, USB-C AUDIO INPUT, OPTICAL TOSLINK INPUT, STEREO RCA INPUT
5 PROGRAMMABLE QUICK-TOUCH PRESETS
USER INTERFACE WITH PROXIMITY SENSOR
BLUOS™ WIRELESS MULTI-ROOM PLATFORM
QUAD-CORE 1.8GHZ ARM® CORTEX™ A53 PROCESSOR
DIRAC LIVE READY (AVAILABLE VIA FUTURE SOFTWARE UPDATE)
MQA AND HI-RES MUSIC STREAMING
DSD256 PLAYBACK
AIRPLAY 2 INTEGRATION
SPOTIFY CONNECT + TIDAL CONNECT
LOCAL SERVER MODE
DUAL-BAND WIFI + GIGABIT ETHERNET
BLUOS™ BONDED SPEAKER LINK
TWO-WAY APTX™ ADAPTIVE BLUETOOTH
IR REMOTE LEARNING CAPABILITY
BLACK OR WHITE FINISH

BLUESOUND

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POWERNODE SPECIFICATIONS

AUDIO

Supported Audio File Formats:	MP3, AAC, WMA, WMA-L, OGG, OPUS
Supported High-Quality Audio File Formats:	FLAC, MQA, ALAC, WAV, AIFF, MPEG-4 SLS
DSD Support:	DSD256
Supported Multi-Channel Audio Formats:	Dolby® Digital
Native Sampling Rates:	up to 192 KHz
Bit Depths:	16-24
Audio Controls & EQ:	BluOS Control App
Signal-to-Noise Ratio:	-102dBA
Distortion:	THD+N, 0.005%
Amplification:	DirectDigital™
Rated Power Output:	100W x 2 80W x 3 (8 Ohms)
IHF Dynamic Power:	265W (4 Ohms) 140W (8 Ohms)

SOFTWARE & INTEGRATIONS

Operating System:	BluOS
App Controller Operating System:	iOS, Android, Windows, macOS
Processor:	ARM® Cortex™ -A53, Quad-Core, 1.8GHz per core
Supported Network File Sharing:	Server Message Block (SMB) up to 200,000 files
Album Art Supported:	JPG, PNG
Music Services & Internet Radio:	23+
3rd-Party Integrations:	AirPlay 2, Spotify Connect, Tidal Connect, Roon Ready, Dirac Live Ready (available via future software update)
Control System Integrations:	Creston, Control4, RTI, Nice, URC, Lutron
Voice Control Integrations:	Amazon Alexa Skills

CONNECTIONS

Power Supply:	Universal 3-pin AC cord input (100-240AC)
Ethernet/LAN:	Ethernet RJ45, Gigabit 1000 Mbps
Wi-Fi Built In:	Wi-Fi 5 (802.11ac), dual-band
Bluetooth Quality:	Bluetooth 5.2 aptX Adaptive
Bluetooth Connectivity:	Two-Way (transmit & receive)
IR Optical Built In:	IR Sensor Built In - front panel with IR Remote Learning
IR Input:	3.5mm Jack
Optical/Analog Input:	Toslink Optical, RCA Analog, 3.5mm Optical/Analog Combo
HDMI Input:	HDMI eARC
USB IN:	Type A (Fat32, NTFS Formatted) - External Storage Only Local Server Mode
USB (other):	USB Type C (PC input)
Headphone Output:	6.3mm/1/4" Stereo, Bluetooth
Subwoofer Output:	RCA x 1; Wireless to PULSE SUB+
Speaker Terminals:	5-Way Binding Post

GENERAL

Finish:	Black or White: Matte Satin Paint
Storage Environment:	-10°C to 50°C, 20% to 80% relative humidity
Operating Environment:	0°C to 40°C
SKU/Version:	N331

* all specifications subject to change without notice

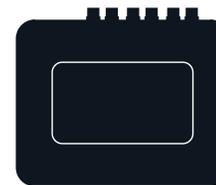


Front View



Rear View

D 190mm
(7.5")



H 70mm
(2.75")



W 220mm
(8.7")

Product Dimensions

220 x 70 x 190 mm (W x H x D)

8.7 x 2.75 x 7.5 in (W x H x D)*

Weight: 1.9 kg / 4.18 lbs

*Non-metric measurements are approximate.

Included Accessories

- 120V AC Power Cord
- 230V AC Power Cord
- Ethernet Cable
- Mini Jack to Toslink Adaptor
- Safety/Warranty Guide
- Quick Setup Guide
- Dirac Live Ready Info Card

BLUESOUND

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