HUB

Wireless Audio Source Adapter



Introducing the Bluesound HUB. This highly versatile network accessory connects directly to a variety of audio sources and brings them into the BluOS ecosystem, allowing you to stream virtually any source, anywhere.

This is one for the music lovers. The HUB connects analog and digital audio devices to the BluOS ecosystem for networked streaming, allowing you to listen to any music source in the house without being limited by wires and physical proximity.

You can connect the HUB to the network with dual-band Wi-Fi or wired Gigabit ethernet. Powered by a USB-C connection, its high-quality, moving magnet phono pre-amp and low noise, wide-bandwidth design means that you can stream recordings from your vinyl collection wirelessly without sacrificing playback quality.

COMPACT, INDUSTRIAL DESIGN. The HUB is designed to seamlessly blend into any environment with its compact shape. 1U rack height and 1/3 rack width makes for a clean system design. Four-way keyhole mounting slots allow for four different orientation options and easy cable management.

MULTIPLE SOURCE INPUTS. The HUB is compatible with nearly any audio input, including HDMI ARC for audio, Coax, Digital Optical and Stereo Analog, so you have a wealth of options when it comes to connecting music sources to the BluOS network.

EASY SETUP, EASY CONTROL. Each HUB can manage two sources simultaneously (one analog, one digital) and you can add up to four HUBs to a single network using the simple setup wizard in the BluOS App. Easily control all your speakers and sources through the BluOS App on your smartphone, tablet or desktop.

HIGH PERFORMANCE. The HUB's networked moving magnet phono pre-amp delivers uncompromised audio quality for your turntable. Choose between dual-band Wi-Fi or a wired Gigabit ethernet connection for a stable network audio performance.

POWERED BY USB-C. A universal USB-C plug and play connection makes powering the HUB easy and efficient. With only a small external power supply needed, the HUB has more space for dedicated audio inputs, increasing its usability and versatility while creating more opportunities for easy network source sharing.

- NETWORK AUDIO SOURCE-SHARING WITH BLUOS™
- LOW-NOISE MM PHONO STAGE
- STEREO ANALOG LINE INPUT
- HDMI eARC WITH CEC
- OPTICAL AND COAXIAL DIGITAL INPUTS
- ARM® CORTEX™ A53 PROCESSOR
- DUAL-BAND WI-FI + GIGABIT ETHERNET
- POWERED BY USB-C POWER ADAPTER
- 1U RACK HEIGHT, 1/3 RACK WIDTH
- FOUR-WAY KEYHOLE MOUNTING SLOTS
- FRONT PANEL FUNCTION BUTTON
- BLACK FINISH



Front View



Rear View

HUB Specifications

AUDIO & OPERATING SYSTEM

Operating System:	BluOS
BluOS Controller Operating System:	iOS, Android, Windows, MacOS
***Control System Integrations:**	Control4, Crestron, URC, RTI, ELAN, Lutron
Simutaneous Audio Streams:	2 per HUB 1 x analog audio input, 1 x digital audio input
Maximum Number Units:	4x HUB on single network (8 simultaneous streams)
Native Sampling Rates:	up to 192 kHz
Bit Depth:	16-24
Signal-to-Noise Ratio:	>100 dB (Line input) >80 dB (Phono MM input)
Distortion:	<0.03% 20-20 kHz -1dBFS output
Frequency Response	20-20 kHz +/-0.3dB; 50 kHz -3dB

***via software update**

CONNECTIONS

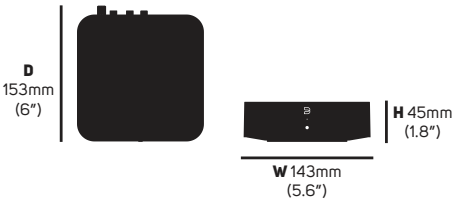
Power Supply:	Universal USB-C Power adapter (Input:100-240V AC/0.3A Output:5V/2A)
Ethernet/LAN:	Ethernet RJ45, GigE 1000 Mbps
Wi-Fi Built In:	Wi-Fi 5 (802.11ac), 2.4/5GHz
Analog Line Input:	1 x Stereo RCA
Phono Input:	1 x Stereo RCA (Moving Magnet)
Optical Input:	1 x TOSLINK digital optical
Coaxial Input:	1 x RCA (75 ohms)
HDMI Input:	HDMI eARC with CEC
USB Input:	Type A (for BluOS firmware upgrade only)
Audio Output:	Network

FEATURES

Processor:	ARM® Cortex™ -A53, Quad-Core, 1.8GHz per core
Status Indicator:	Front Panel LED
Function Button:	Front Panel Function Button
Power Consumption:	0.5W Network Standby

Finish:	Black; Matte Satin Paint
Version:	CB130

* all specifications subject to change without notice



Product Dimensions

143 x 153 x 45mm (W x D x H)
5.6 x 6 x 1.8 in (W x D x H)*

Weight: 0.63kg / 1.39 lbs

Included Accessories

- 5V Power Adapter
- 3 x International Plug Adapters
- USB-C Power Cable
- Ethernet Cable
- Mounting Template
- Safety/Warranty Guide
- Quick Setup Guide

* Non-metric measurements are approximate.

BLUESOUND

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