



BLUESOUND

PROFESSIONAL

BLUESOUND PROFESSIONAL
PRODUCT GUIDE 2020



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SEAMLESS AUDIO CONTROL AND DISTRIBUTION ECOSYSTEM FOR COMMERCIAL SPACES.



NETWORK AUDIO FOR YOUR BUSINESS

Bluesound Professional is the world's first modern audio distribution ecosystem for commercial spaces. It includes components from streaming sources to loudspeakers to facilitate easy design, installation, setup and use of complete audio systems in installations from one zone to large multi-zone facilities.

ABOUT BLUESOUND PROFESSIONAL

Bluesound Professional is a fusion of hardware and software that is purpose-built for high-performance networked audio for retail shops, bars, restaurants, hotels, gyms, and other commercial applications. End users can connect and control nearly any audio source, including streaming services, internet radio, or networked hard drives, while installers can confidently specify rack-mounted hardware that integrates seamlessly with smart controllers. Powered by BluOS, an award-winning multi-zone audio management software platform, made native in a comprehensive range of controllers, streamers, amplifiers, and speakers, Bluesound Professional makes commercial audio installation projects easy to configure, deliver, and use.



SOLUTIONS FOR:

BUSINESS OWNERS

Bluesound Professional offers a modern, clutter-free and elegant way to build and save playlists, and continuously stream audio to create a branded in-store experience – No more CDs, FM radio, or plugging in iPods and phones.

ARCHITECTS

Bluesound Professional products allow the installation of high quality audio systems into commercial environments with minimum visual impact. Access to streaming services and local and network stored digital content allows for a wide range of material whilst ensuring a minimum of equipment.

CONSULTANTS & SYSTEM DESIGNER

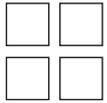
Bluesound Professional is a conflict-free ecosystem of hardware and software solutions for networked distributed audio, including rack-mounted amplifiers and streamers, wall and ceiling-mounted powered speakers, and a variety of control options from smart device apps.

AV SYSTEM INTEGRATORS

Hardware and software conflicts are a thing of the past with Bluesound Professional's award-winning and market-tested purpose-built ecosystem for networked audio distribution and audio content management.

OUR PRODUCTS

Bluesound Professional is a range of equipment built for the design and installation of complete commercial audio systems, capable of the replay and control of audio from a wide variety of streaming services and locally or network-stored digital audio files. Systems can be small, one zone installations to large flexible multi-zoned and multi-purpose installations in any hospitality or business environment. Bluesound Professional units can form complete systems and are available in the following categories:



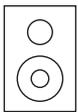
NETWORKED STREAMERS

At the heart of the Bluesound Professional ecosystem are a range of single and multi-zone networked streamers. Using the established BluOS operating system to access over 20 streaming platforms and internet radio stations, these streamers also allow access to both network-attached and local storage devices containing your audio libraries. Bluesound Professional streamers are available with and without integral power amplifiers, with the former being used in new installations and the latter facilitating easy connection to existing systems.



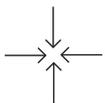
COMMERCIAL AMPLIFIERS

Bluesound Professional features multi-channel commercial audio amplifiers, effectively reducing the size and complexity of amplification in even the largest installations.



MOUNTED LOUDSPEAKERS

Active loudspeakers including BluOS streamers allow for completely integrated systems, totally eliminating the need for equipment racks.



CONTROLLERS

As well as access using computers or mobile devices and interfaces to leading third-party control systems, Bluesound Professional also offers dedicated, elegant, intuitive wall-mount controllers to make the control of systems beautifully simple.

INDUSTRIES WE SERVICE

Bluesound Professional products are suitable for any commercial installation which requires flexible, high-quality reproduction of audio from one or a variety of sources. Our systems are also controllable from a wide variety of devices and are designed for the high quality reproduction of audio. The following are examples of markets in which these products and systems are designed to be used.

HOSPITALITY

Bluesound Professional products have been designed to specifically meet user needs in this area. Cafés, restaurants, hotels and bars are examples of these installations. Within these spaces, high quality appropriate background (and sometimes foreground) audio sets the right tone and increases business.

RETAIL

For both shopping malls and in-store systems, the replay of appropriate 'on-brand' content is shown to increase sales and improve customer satisfaction. Bluesound Professional systems can be zoned and grouped to allow the replay of different content to different areas and departments. Integration with control and management systems allows for scheduling of content in order to closely track and influence buying behavior.

ATHLETIC FACILITIES & GYMS

The replay of appropriate, zoned audio motivates users to exercise and achieve their goals. Local microphone and line inputs allow for the amplification and replay of wired or wireless instructor microphones in fitness classes to ensure that the instructors can be heard.

HOSPITAL AND CARE FACILITIES

Relevant audio can stimulate rehabilitation and reduce stress. Both local and global inputs can interface to paging and messaging systems and advanced zoning facilities can allow for the level of the system as well as its content to be tailored to the precise needs of specific groups of patients.

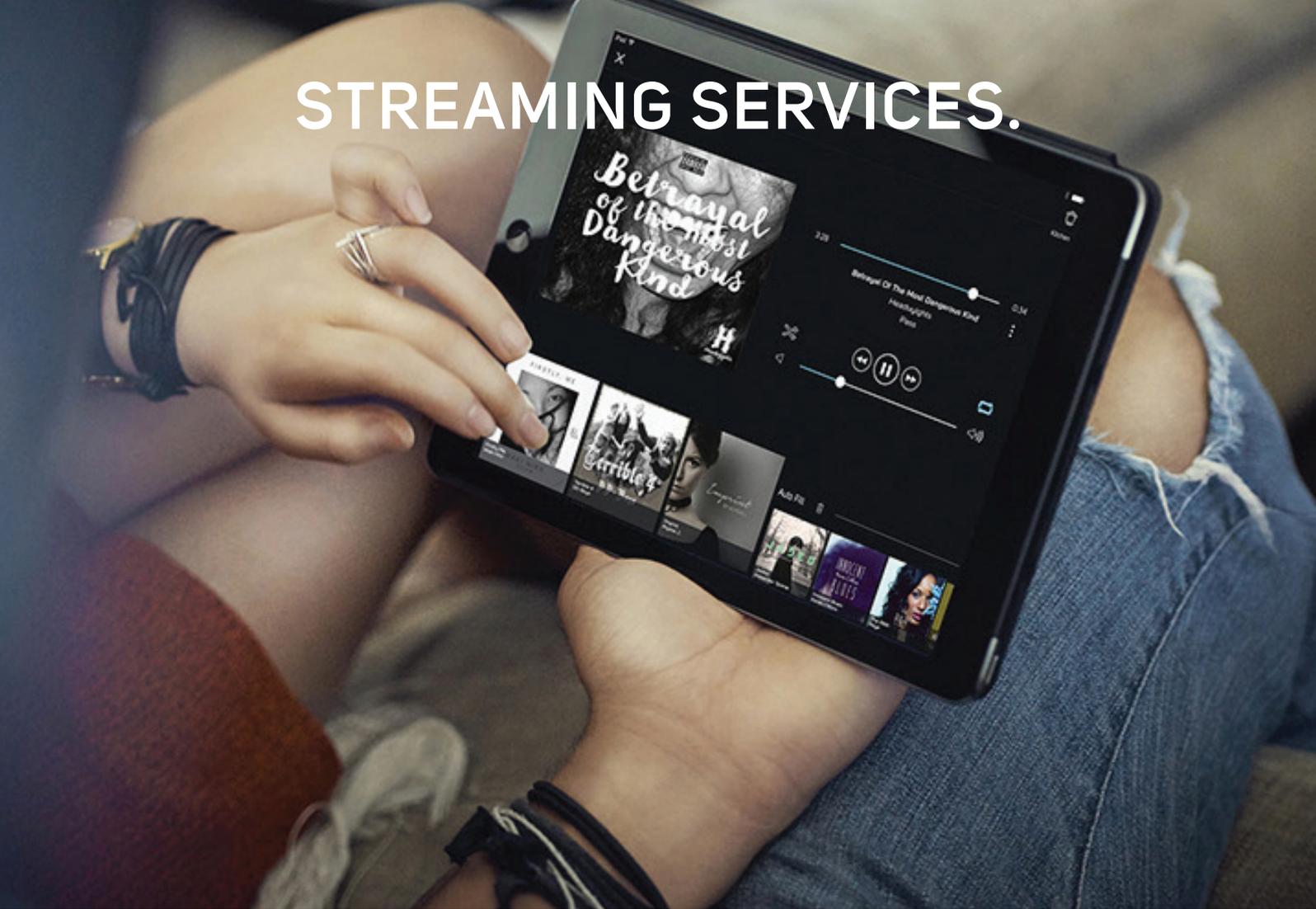
TRANSIT FACILITIES

Bluesound Professional equipment can be added to existing paging and messaging systems in mass transit facilities to permit the broadcast of background audio in order to make waiting times appear shorter and to enhance privacy in these environments.

OFFICE ENVIRONMENTS

The increasing predominance of open offices raises privacy concerns and potentially reduces productivity. The replay of low level content can increase productivity and contribute to a feeling of privacy. In addition, sound masking systems can be connected to local or global inputs to allow for easy deployment of these systems.

STREAMING SERVICES.



TIDAL

qobuz

DEEZER

Spotify

amazon music

wimp

CustomChannels
The Art of the Perfect Music Mix

napster.

iHeartRADIO

LIVE X LIVE

SOUNDMACHINE

DMH
数字音乐分享平台

CALM CALMRADIO

HIGHRESAUDIO

TUNE IN

radio paradise

nugs.net

Bugs!

Qsic

RADIO.COM

KKBOX

IDAGIO

AUDIO STREAMING SERVICES

Users can stream curated content – either algorithmically or by humans – with all rights paid. One monthly payment and you are ready to go. Messaging and scheduling allow for nuanced content to be played throughout the day – maximizing effectiveness and minimizing worker frustration.



SEAMLESS INTEGRATION WITH CONTROL SYSTEMS

Bluesound professional products are designed to be controlled by a wide variety of devices. Native BluOS allows for control via Mac/PC or iOS/Android mobile devices. The Bluesound Professional CP100 provides a simple, elegant wall mounted control interface. Finally, Bluesound Professional products allow for flexible and powerful control from third party control systems, and interfaces exist for all of today's market-leading systems.



MULTI-ROOM CONNECTION AT YOUR FINGERTIPS

BluOS is the operating system and audio management software that underpins Bluesound Professional units. BluOS allows you to easily access and stream lossless audio up to 24 bit/192kHz to every zone in your installation. Locate audio anywhere on your network or cloud audio service of choice (including those designed specifically for commercial use) and share it with any BluOS-enabled Bluesound Professional units in your installation. BluOS also allows for control of individual zones and hardware devices, as well as synchronized grouping into larger zones.

BLUESOUND PROFESSIONAL



Bluesound Professional offers a versatile way to incorporate streaming music into a commercial installation. A fusion of hardware and software, Bluesound Professional's suite of streamers, amplifiers, speakers, controllers, and accessories bring easy-to-install, expandable, and conflict-free networked audio to retail shops, restaurants, bars, gyms, and other hospitality use cases.

Powered by the established BluOS multi-zone audio content management interface, Bluesound Professional is designed to have decentralized processing power so designers and integrators have maximum flexibility to add streaming to existing installations or to build anew. Audio streaming capabilities can be added to a system head using a Bluesound Professional streamer, regardless of which amplifiers are being used. Alternatively, Ethernet cables can be run to a Bluesound Professional speaker, which contains all the necessary processing power to stream audio content without changing the configuration of the system head.

Easily Create Branded Environments

With hardware that supports nearly unlimited zones of audio and a natively-integrated commercially-licensed music streaming service in SoundMachine, Bluesound Professional makes easy work of creating branded environments for your clients.

Add Audio Streaming to Existing or New Installations

Bluesound Professional's decentralized processing capabilities gives designers and installers maximum flexibility to add audio streaming to installations, whether existing or new.

Plays Nicely with Others

Standard rack sizes and a wide range of standard inputs and outputs means that installation is quick and simple. The ecosystem's modular design allows it to work seamlessly as an audio system on its own, or with audio components from other brands.



Easy to Configure

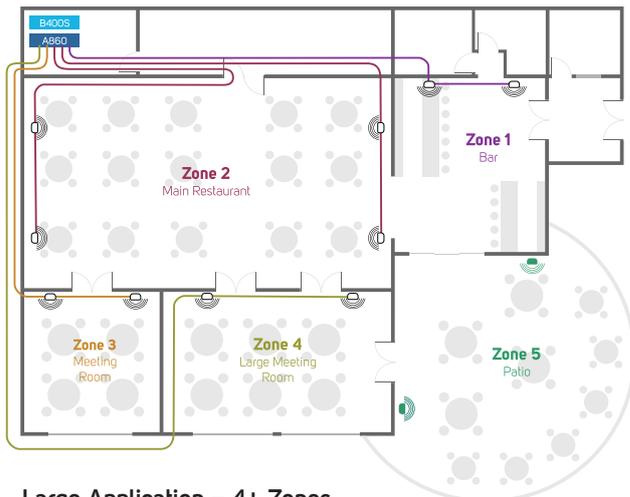
Self-discovery makes set-up and configuration painless, as Bluesound Professional players placed onto the same network will find each other automatically. A few taps on the intuitive icons in the BluOS Controller app will group players to create zoned audio content and lock-out unauthorized users.



Bluesound Professional offers the most versatile way to incorporate streaming music into a commercial installation. Unlike other solutions in the market, Bluesound Professional products can be easily grandfathered into existing installations or designed and installed anew. For example, using the Bluesound Professional system, streaming can be incorporated into a new or existing installation in one of two ways:

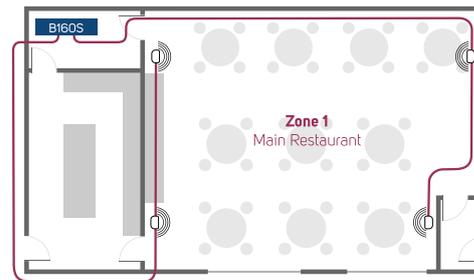
At the system head

A Bluesound Professional streamer, like the B400S 4-Zone BluOS Network Streaming Player, can be added to the system head and connected to an existing distribution amplifier and speaker configuration. The streamer would be connected to the network and either via the BluOS Controller app or a Bluesound Professional hardware controller like the CP100, the system can then access a variety of streaming music options.



Large Application – 4+ Zones

- **B400S** 4-Zone BluOS Network Music Streamer
- **A860** 8-Channel Power Amplifier
- **BSP1000** Indoor/Outdoor Speakers x 2
- Existing Indoor Speakers



Small Application – 1 Zone

- **B160S** 2-Channel Power Amplifier
- **CP100** Wall-mount Control Panel (optional)
- Existing Indoor Speakers

At the end-point

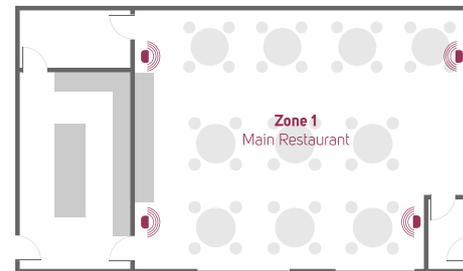
The decentralized way in which the Bluesound Professional products are designed means that without making changes to the system head, streaming music can be achieved with the addition of BluOS Enabled end points like the BSP125, a powered speaker that houses advanced processing capabilities. Simply run power and an ethernet connection to the speaker and through the BluOS Controller app or the CP100, the user can have full control of streamed audio content.

This flexibility in system design gives commercial integrators the ability to optimize configurations for efficiency, regardless of use case.



Large Application – 4+ Zones

- **BSP125** Network Streaming Speaker x 6
- **BSP500** Indoor/Outdoor Speakers x 4
- **BSP1000** Indoor/Outdoor Speakers x 2



Small Application – 1 Zone

- **BSP125** Network Streaming Speaker x 4

PRODUCT LINE 2020

B100S **BLUOS NETWORK MUSIC PLAYER**



The Bluesound Professional B100S is a 1/3 rack space network music player designed specifically for use in commercial installations. This player is based on the established BluOS platform and is capable of playing and distributing content from local network storage as well as from a large number of streaming services, including some specifically designed for commercial use, such as SoundMachine. Use of the B100S in a larger BluOS system is also possible, allowing for grouping into user-definable groups of whatever size is required with other B100S units and/or any other connected Bluesound Professional players on the network in an installation.

Output is via balanced line level analog or optical digital connections plus a dedicated balanced line level subwoofer output. Balanced analog mic/line (with phantom powering) allows for the connection of a local source. Access to network control is via ethernet for increased reliability. All audio connections are via pluggable barrier strip for ease of installation. A USB input further adds to the capability of the system by providing replay of files stored on connected drives. Inbuilt DSP allows for equalization as well as other audio processing.

Control of the speaker can be accomplished by any Windows/Mac computer as well as any iOS/Android phone or tablets and the Bluesound Professional CP100 wall mount controller. Third party control is also possible with any of the leading systems. Security provisions including no user-accessible controls on the player prevent any authorized control of the system, either locally or remotely. Optional rack mounting hardware allows for the mounting of up to 3 x B100S units in one rack space.

FEATURES

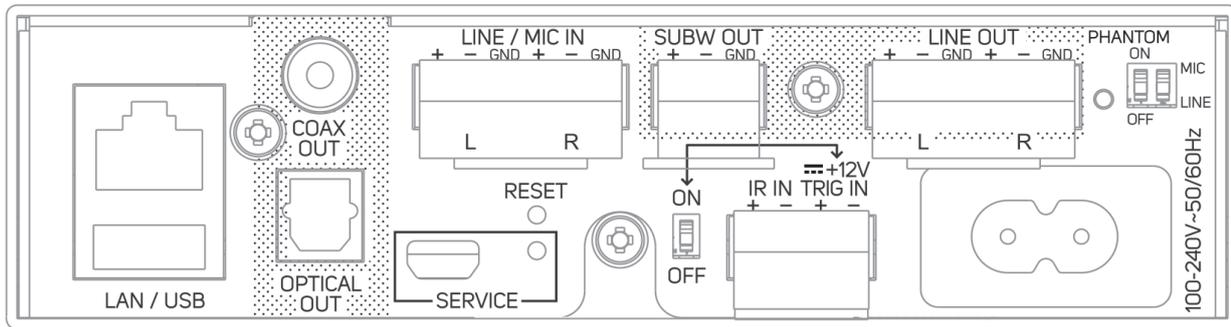
- Stereo network music replay
- Integration with local network content storage
- Integration with many streaming services including Spotify, Tidal, Qobuz etc.
- Integration with a wide variety of internet radio platforms
- PC/Mac, iOS/Android and third-party control
- Security preventing unauthorized control
- Specialist Bluesound Professional wall-mount control panels
- Flexible and unlimited grouping of zones within a BluOS system
- Support of hi-res audio up to 192kHz/24 bit
- Support of MQA content
- DSP providing equalization and other audio processing
- Streaming via ethernet for increased reliability
- Balanced line analog and digital outputs
- Dedicated balanced line level subwoofer output
- Local balanced mic/line analog input
- All connections via pluggable barrier strip for ease of installation
- Phantom powering for local mic input
- 1/3 rack space form factor for commercial installations
- Optional rack mounting hardware allows for the mounting of up to 3 x B100S units in one rack space

ARCHITECTS & ENGINEERS SPECIFICATION

The 1/3 rack space network music player shall allow for the playing of material from network attached drives and a wide variety of streaming services including Spotify, Tidal, Qobuz and SoundMachine as well as internet radio platforms such as TuneIn and iHeart Radio. The network music player shall support files up to 192kHz and 24-bit resolution as well as MQA encoded files. Control of the unit shall be possible from PC or Mac computers, Android and iOS mobile devices and third-party control systems. In addition, there shall be the provision for the connection of dedicated wall mount remote control panels to allow for local control of zones. The network music player shall be based on the BluOS platform and shall be compatible with other BluOS devices to form a complete and integrated ecosystem including flexible grouping and control of zones.

The network music player shall have balanced line analog as well as a dedicated subwoofer balanced line-level output. Streaming shall be via wired ethernet for increased reliability. A stereo balanced mic/line analog input shall also be provided for connection to a local source with phantom powering for locally attached mic. All audio connections shall be via pluggable barrier strip for ease of installation. A USB input shall allow for the reply of content from locally connected drives. The unit shall have no controls to prevent unauthorized adjustment and control of the unit shall incorporate security to prevent unauthorized access via other devices. Optional rack mounting hardware shall allow for the mounting of up to 3 x network music players in one rack space.

The network music player shall be the Bluesound Professional B100S.



SPECIFICATIONS

CONNECTIVITY

AUDIO		NETWORK	Gigabit Ethernet RJ45
SUPPORTED FILE FORMATS	MP3, AAC, WMA, OGG, WMA-L, ALAC, OPUS Hi-Res formats - FLAC, MQA, WAV, AIFF	USB	1 x Type-A port for connection to USB memory sticks (Fat32 or NTFS formatted) and supported peripherals 1 x Type-B (mini) for product servicing
NATIVE SAMPLING RATES	32 - 192kHz	AUDIO INPUT	Mic/Line Balanced Phoenix
BIT DEPTHS	16 - 24	AUDIO OUTPUT	Analog: Balanced Phoenix Coaxial RCA TOSLINK digital optical Subwoofer Balanced 12 Volt trigger out
PERFORMANCE	SNR - 110dBA Distortion, THD+N - 0.005% (20hz-20khz at Rated Power)	POWER	Universal bi-pin AC Cord input (100 - 240AC)
DAC	32-Bit, 192kHz	USER INTERFACE	
SUPPORTED OPERATING SYSTEMS	Plays music from network shares on the following desktop operating systems: Microsoft Windows XP, 2000, Vista 7-10, Apple Macintosh 7-10	MOBILE OPERATING SYSTEM	BluOS - Free Android and iOS App Available Online at Google Play and Apple App Store
FREE INTERNET RADIO	TuneIn Radio, iHeartRadio, Calm Radio, Radio Paradise, LiveXLive	GENERAL	
SUPPORTED CLOUD SERVICES	Spotify, Amazon Music, TIDAL, Deezer, Qobuz, HighResAudio, Murfie, Napster, KKBox, Bugs, Taihe Music ZONE, SoundMachine.	PROCESSOR	ARM® CORTEX™ A9, 1 GHz
INTEGRATION PARTNERS	Control4, RTI, Crestron, URC, push, iPort, ELAN, Lutron, roon	UNIT WEIGHT	1.12 kg / 2.45 lb
ALBUM ART	JPG	GROSS DIMENSIONS	238 x 46 x 146mm 8.7 x 1.8 x 5.7 in
		POWER CONSUMPTION (IDLE)	6 Watts
		ACCESSORIES	2x AC power cords (Europe & North America)
		STORAGE ENVIRONMENT	-10° C to 50° C, 20% to 80% relative humidity
		OPERATING ENVIRONMENT	0° C to 40° C

B400S **4 ZONE BluOS® NETWORK MUSIC PLAYER**



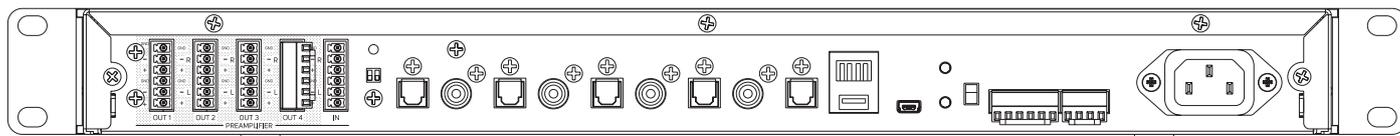
The Bluesound Professional B400S is a 4-zone network music player designed specifically for use in commercial installations. This 1U player is based on the established BluOS platform and is capable of playing and distributing content from local storage as well as from a large number of streaming services, including some specifically designed for commercial use, such as SoundMachine. These sources can be played to one or more of the four available stereo zones with the B400S effectively acting as four independent players with the capability of completely separate content and control, or grouping into user-definable groups of whatever size required with different zones within the BS400S and/or any other connected Bluesound Professional players on the network.

Control of the system can be accomplished by any Windows/Mac computer as well as any iOS/Android phone or tablet and the Bluesound Professional CP100W wall mount controller. Third party control is also possible with any of the leading systems. Security provisions including no front panel controls on the player prevent any unauthorized control of the system, either locally or remotely.

Balanced line channel outputs are designed specifically for commercial installations and these are supplemented by optical and coaxial digital outputs per channel. Analog balanced mic/line and digital inputs allow for the connection of a local stereo source. A USB input further adds to the capability of the system by providing replay of files stored on connected drives. Built-in DSP allows for equalization as well as other audio processing. Trigger inputs allow for local triggering of unit power and signal inputs allow for remote muting of the music.

BENEFITS

- 4 stereo zones of network music replay
- Integration with local network content storage
- Integration with many streaming services including Spotify, Tidal, Qobuz etc.
- Integration with a wide variety of internet radio platforms
- PC/Mac, iOS/Android and third-party control
- Security preventing unauthorized control
- Specialist Bluesound Professional wall-mount control panels
- Support of hi-res audio up to 192kHz/24 bit
- Support of MQA content
- Replay from locally connected USB drives
- DSP providing for equalization and other audio processing
- Streaming via ethernet for increased reliability
- Flexible and unlimited grouping of zones within a BluOS system including within B400S
- Local analog mic/line and digital line inputs
- Analog balanced, digital optical and coaxial outputs
- Remote trigger and signal inputs



ARCHITECTS & ENGINEERS SPECIFICATION

The network music player shall allow for the playing of material from network attached drives or a wide variety of streaming services including Spotify, Tidal, Qobuz and SoundMachine as well as internet radio platforms such as TuneIn and iHeart Radio.

Streaming shall be via wired ethernet for increased reliability. The player shall allow playing of separate or grouped sources to each of four separate stereo zones accessible via balanced barrier pluggable analog barrier strip outputs as well as optical or coaxial digital outputs per zone. The player shall support files up to 192kHz and 24-bit resolution as well as MQA encoded files. Control of the player shall be possible from PC or Mac computers, Android and iOS mobile devices and third-party control systems. In addition, there shall be the provision for the connection of dedicated wall mount remote control panels to allow for local control of zones. This player shall be based on the BluOS platform and shall be compatible with other BluOS devices to form a complete and integrated ecosystem including flexible grouping and control of zones.

Local balanced mic and line level analog and digital inputs shall also be provided to allow for the additional use of local sources. Trigger and signal inputs shall be provided. A USB input shall provide for replay of files stored on local connected drives. Built-in DSP shall allow for equalization and other audio processing. The player shall be 1U with no front panel controls to prevent unauthorized adjustments and control of the unit shall incorporate security to prevent unauthorized access via other devices.

The network music player shall be the Bluesound Professional B400S.

SPECIFICATIONS

SUPPORTED OPERATING SYSTEMS	Plays music from network shares on the following desktop operating systems: Microsoft Windows XP, 2000, Vista 7-10, Apple Macintosh 7-10
FREE INTERNET RADIO	TuneIn Radio, iHeartRadio, Calm Radio, Radio Paradise, LiveX-Live
SUPPORTED CLOUD SERVICES	Spotify, Amazon Music, TIDAL, Deezer, Qobuz, HighResAudio, Murfie, Napster, KKBox, Bugs, Taihe Music ZONE, SoundMachine
INTEGRATION PARTNERS	Control4, RTI, Crestron, URC, push, iPort, ELAN, Lutron, roon
ALBUM ART	JPG
AUDIO	
RATED DISTORTION	≤0.005% (20hz-20khz at Rated Power)
SIGNAL-TO-NOISE RATIO	100dB (ref. 1W/8 Ohms)
SAMPLE RATE	32 - 192kHz
BIT DEPTH	16 - 24

CONNECTIVITY

INPUT	OUTPUT
ANALOG Mic/Line Balanced Phoenix	ANALOG Balanced Phoenix X 4
SPDIF Optical (TOSLINK)	SPDIF Optical x 4 (TOSLINK) Coaxial x 4
USB Type A (for USB memory stick and supported peripherals - FAT 32 formatted)	+12V TRIGGER OUT 12V ±20%
Type B (for computer audio interface)	NETWORK
+12V TRIGGER IN Phoenix 12V ±20%	ETHERNET/LAN Ethernet RJ45, GigE
IR INPUT Phoenix	GENERAL
SIGNAL INPUT Phoenix- Pin 1, 12V, Pin 2 Input 1, Pin 3 Input 2, Pin 4 GND	AC POWER SUPPLY 100-240V 50/60Hz
	STANDBY POWER 6W Idle (Network Standby Mode)
	DIMENSIONS (W x H x D) 480 x 46 x 234mm (18 7/8 x 1 13/16 x 9 1/4")*
	NET WEIGHT 2.7kg (5.9lb)
	SHIPPING WEIGHT 3.8kg (8.4lb)

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B160S **NETWORKED STREAMING STEREO AMPLIFIER**



The Bluesound Professional B160S networked streaming stereo amplifier is a complete solution for a commercial music installation. The B160S combines a high-quality stereo amplifier with a BluOS enabled network music player. The B160S's HybridDigital™ amplifier section provides 2 x 60W of power into 8Ω – plenty for most small/medium spaces and thermostatic fan cooling provides for reliable operation in commercial environments. The amplifier technology is highly energy efficient and also has a standby mode consuming only 6W of power.

The player within the B160S is based on the established BluOS platform and is capable of playing and distributing content from local storage as well as from a large number of streaming services, including some specifically designed for commercial use, such as SoundMachine. As well as stand-alone use, it is possible to use the B160S in a larger BluOS system allowing for grouping into user-definable groups of whatever size is required with other B160S units and/or any other connected Bluesound Professional players on the network.

As well as the amplified outputs, a dedicated balanced line level subwoofer output is provided for connection to an active subwoofer. Access to network control is via ethernet for increased reliability. Balanced analog mic/line (with phantom powering) allows for the connection of a local source. A USB input further adds to the capability of the system by providing replay of files stored on connected drives. Built-in DSP allows for equalization as well as other audio processing.

Control of the system can be accomplished by any Windows/Mac computer as well as iOS/Android phones or tablets and the Bluesound Professional CP100W wall mount controller. Third party control is also possible with any of the leading systems. Security provisions including no front-panel controls prevent any unauthorized control of the system, either locally or remotely.

The form factor of the B160S allows it to be mounted individually vertically or horizontally on or under shelves or tables or on walls. Up to six B160S units can be mounted side-by-side in a 3U space in a rack using the optional RM160 rack mounting shelf for a compact 12-channel system with six independent or group zones.

FEATURES

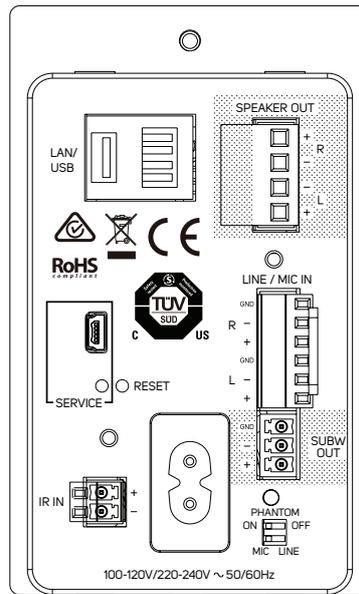
- A complete stereo solution for commercial installations
- Integration with local network content storage
- Integration with many streaming services including Spotify, Tidal, Qobuz etc.
- Integration with a wide variety of internet radio platforms
- PC/Mac, iOS/Android and third-party control
- Specialist Bluesound Professional control panels
- Security preventing unauthorized control
- Support of Hi-Res audio up to 192kHz/24 bit
- Support of MQA content
- Flexible and unlimited grouping of zones within a BluOS system
- Balanced line level subwoofer output
- Balanced mic/line analog input
- DSP providing equalization and other audio processing
- Streaming via ethernet for increased reliability
- USB input for replay from local connected drives
- 2 x 60W (8Ω) HybridDigital™ energy-efficient amplification
- 6W standby mode
- Flexible mounting options including mounting of 6 x BS160S in a 3U rack space using the optional RM160 rack mounting shelf

ARCHITECTS & ENGINEERS SPECIFICATION

The network streaming stereo amplifier shall allow for the playing of material from network attached drives or a wide variety of streaming services including Spotify, Tidal, Qobuz and SoundMachine as well as internet radio platforms such as TuneIn and iHeart Radio. The network streaming stereo amplifier shall support files up to 192kHz and 24-bit resolution as well as MQA encoded files. Control of the network streaming stereo amplifier shall be possible from PC or Mac computers, Android and iOS mobile devices and third-party control systems. In addition, there shall be the provision for the connection of dedicated wall mount remote control panels to allow for local control of zones. This network streaming stereo amplifier shall be based on the BluOS platform and shall be compatible with other BluOS devices to form a complete and integrated ecosystem including flexible grouping and control of zones.

The power amplifier section of the network streaming stereo amplifier shall incorporate HybridDigital™ energy efficient amplification to provide 2 x 60W (8Ω) with a standby current of 6W or less. Built-in DSP shall allow for equalization and other audio processing. A local balanced line level analog subwoofer output will also be provided to allow for the additional connection of subwoofers as needed. There shall be a stereo balanced mic/line analog for the connection of a local stereo input. There shall also be a USB input to provide for replay of content from locally connected drives. Connection to network and streaming content shall be via ethernet for increased reliability. The unit shall have no front panel controls to prevent unauthorized adjustment and control of the unit shall incorporate security to prevent unauthorized access via other devices.

The network streaming stereo amplifier shall be the Bluesound Professional B160S.



SPECIFICATIONS

SUPPORTED FILE FORMATS	MP3, AAC, WMA, OGG Vorbis, WMA-L, FLAC, ALAC, WAV, AIFF, MQA, HRA	OUTPUT	
SUPPORTED CLOUD SERVICES	WIMP, Slacker Radio, Qobuz, HighResAudio, Deezer, Murfie, HDTracks, Spotify, TIDAL, Napster, Microsoft Groove (with OneDrive), Classics Online, KKBox.	SUBWOOFER OUT	Balanced Phoenix
SUPPORTED OPERATING SYSTEMS	Microsoft Windows 7 SP1 or higher, Apple Macintosh OSX 10.7.5 or higher	SPEAKER OUT	Phoenix Speaker connection block
FREE INTERNET RADIO	TuneIn Radio, iHeartRadio, Calm Radio, Radio Paradise, LiveXLive	NETWORK	
INTEGRATION PARTNERS	Control4, RTI, Crestron, URC, push, iPort, ELAN, Lutron, room	ETHERNET/LAN	Ethernet RJ45, GigE
RATED POWER	2 x 60W at 8 Ohms 2 x 100W at 4 Ohms	USER INTERFACE	FREE Android and iOS App available at GooglePlay and Apple App Store
RATED DISTORTION	≤0.005% (20hz-20khz at Rated Power)	GENERAL SPECIFICATIONS	
SIGNAL-TO-NOISE RATIO	-110dBA (ref. 1W/8 Ohms)	AC POWER SUPPLY	100-240V 50/60Hz
SAMPLE RATE	32 - 192kHz	STANDBY POWER	6W (Network Standby Mode)
BIT DEPTH	16 - 24	DIMENSIONS (W x H x D)	70 x 120 x 350mm (2.81 x 4.75 x 13.81")
INPUT		NET WEIGHT	1.6kg (3.5lb)
ANALOG	Balanced Phoenix	SHIPPING WEIGHT	2.3kg (5.1lb)
USB	Type A (for USB memory stick and supported peripherals - FAT32 formatted) Type B Mini USB (for servicing purposes only)		
IR INPUT	3.5mm Jack		

A860 **8-CHANNEL POWER AMPLIFIER**



The Bluesound Professional A860 is a high quality 8-channel power amplifier for use in commercial installations. This 2U amplifier provides 50W x 8 at 8 Ω , 60W x 8 at 4 Ω or 120W at 8 Ω per pair of channels in bridged mode. A standby mode can be triggered remotely or automatically for low power consumption when not in use. A global input can be assigned to multiple outputs and global and local output facilitate multiple amplifier installations. Thermostatically controlled fans ensure trouble-free operation in a wide range of conditions.

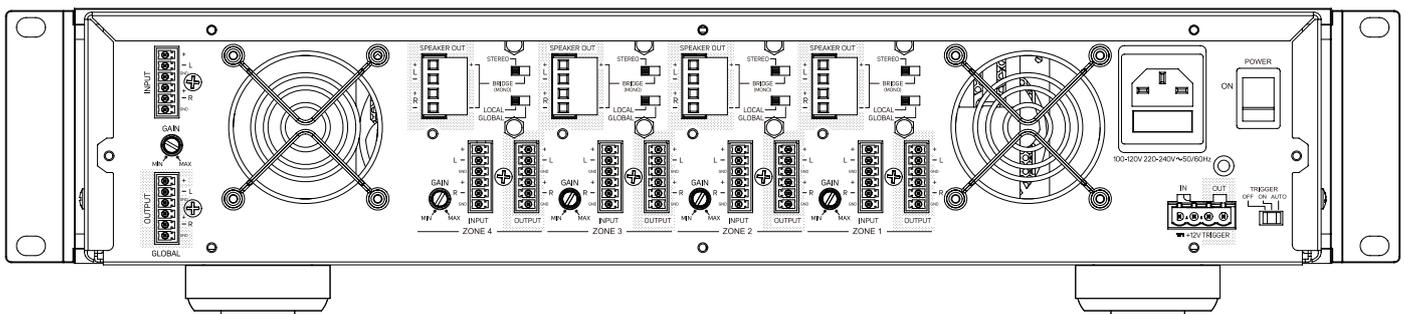
FEATURES

- 8 channels of high-quality amplification giving
 - 8 x 50W at 8 Ω
 - 8 x 60W at 4 Ω
 - 120W at 8 Ω in bridged mode
- Balanced line inputs for commercial use
- Automatic or remotely triggered standby mode for 0.5W low power consumption
- Thermostatically controlled low noise fans ensure reliable operation
- Global balanced input routable to multiple outputs
- Pass-through global and local balanced line level outputs for multi-amplifier installations
- Compact 2U rack-mount form factor
- Indicators for amplifier and channel status

ARCHITECTS & ENGINEERS SPECIFICATION

The commercial 8-channel amplifier shall provide 8 channels of amplification each with a power rating of 50W at 8Ω and 60W at 4Ω. Pairs of channels shall be bridgeable to provide 120W at 8Ω. It shall provide balanced analog line inputs per channel as well as a balance line global input which can be routed to any or all of the pairs of outputs. There shall be balanced line outputs of both the local and global inputs to allow for easy connection of multiple amplifiers to a system. The amplifier shall be capable of entering a low power mode either automatically or by remote trigger and in this mode, the amplifier shall draw 0.5W or less. The amplifier shall be cooled by thermostatically controlled fans. The amplifier shall be 2U and shall fit into a 19" rack.

The commercial 8-channel amplifier shall be the Bluesound Professional A860.



SPECIFICATIONS

CONTINUOUS OUTPUT POWER		SIGNAL/NOISE RATIO, A-WEIGHTED	>80dB (ref. 1W/8 Ohms) >100dB (ref. 50W)
8 Ohms	8 x 50W (ref. rated THD, 20Hz-20kHz, all channels driven)	MINIMUM INPUT SIGNAL TO TRIGGER (AUTO SENSE MODE)	>20mV 10 minutes
4 Ohms	8 x 60W	TIME TO AUTOMATIC STANDBY (WITHOUT SIGNAL AT INPUT SENSE MODE)	
8 Ohms BRIDGE MODE	120W	RATED POWER	600W (120V 60Hz, 230V 50Hz)
RATED THD (250mW TO RATED POWER, CCIF IMD, DIM 100)	<0.03% (ref. 20Hz-20kHz)	IDLE POWER	<26W
CLIPPING POWER	>155W (ref. 1kHz, 8 Ohms, 0.1% THD)	STANDBY POWER	<0.5W
DAMPING FACTOR	>150 (ref. 8 Ohms, 50Hz and 1kHz)	INPUT SENSITIVITY	1.1V (ref. rated power)
INPUT SENSITIVITY	1.1V (ref. rated power)	VOLTAGE GAIN	33dB
VOLTAGE GAIN	33dB	FREQUENCY RESPONSE	20Hz-20kHz ±1dB
FREQUENCY RESPONSE	20Hz-20kHz ±1dB	DIMENSIONS (W x H x D)	483 x 105 x 323mm (19 x 4 2/16 x 12 11/16")
		NET WEIGHT	5.7kg (12.6lbs)
		SHIPPING WEIGHT	7.1kg (15.7lbs)

BSP125 **NETWORK STREAMING SPEAKER**



The Bluesound Professional BSP125 is a network active loudspeaker with integrated streaming capability designed specifically for use in commercial installations. The player in the BSP125 is based on the established BluOS platform and is capable of playing and distributing content from local network storage as well as from a large number of streaming services, including some specifically designed for commercial use, such as SoundMachine. As well as stand-alone use, it is possible to use a pair of BSP125 speakers in stereo configuration. Use of the BSP125 in a larger BluOS system is also possible, allowing for grouping into user-definable groups of whatever size is required with other BSP125 units and/or any other connected Bluesound Professional players on the network in an installation.

The loudspeaker features a 3.5" LF driver and a 1" HF driver powered by a 25W high efficiency amplifier including a low power standby mode. The frequency response of the speaker is 45Hz-20kHz and the THD+N of the system is 0.003% at full rated power. Built-in DSP allows for equalization as well as other audio processing. Access to content is via ethernet for glitch-free streaming (with WiFi streaming also supported) and a local analog and digital input allows for replay from local sources. A USB input further adds to the capability of the system by providing replay of files stored on connected drives.

Control of the speaker can be accomplished by any Windows/Mac computer as well as any iOS/Android phone or tablet and the Bluesound Professional CP100W wall mount controller. Third party control is also possible with any of the leading systems. Security provisions prevent any unauthorized control of the system.

An optional bracket allows for wall mounting with 40 degrees of swivel and 360 degrees of rotation possible.

FEATURES

- Full-range network streaming speaker system
- 3.5" LF driver and 1" HF driver
- 45Hz – 20kHz frequency range
- 0.003% THD+N at full rated power
- DSP providing equalization and other audio processing
- 2 x BSP125's can pair in stereo configuration
- Flexible and unlimited grouping of zones within a BluOS system
- Integration with local network content storage
- Integration with many streaming services including Spotify, Tidal, Qobuz etc.
- Integration with a wide variety of internet radio platforms
- PC/Mac, iOS/Android and third-party control
- Security preventing unauthorized control
- Specialist Bluesound Professional control panels
- Support of Hi-Res audio up to 192kHz/24 bit
- Support of MQA content
- Streaming via ethernet for increased reliability (wireless streaming also supported)
- Local analog and digital line inputs
- USB input for replay from local connected drives
- Wall mounting with accessory bracket

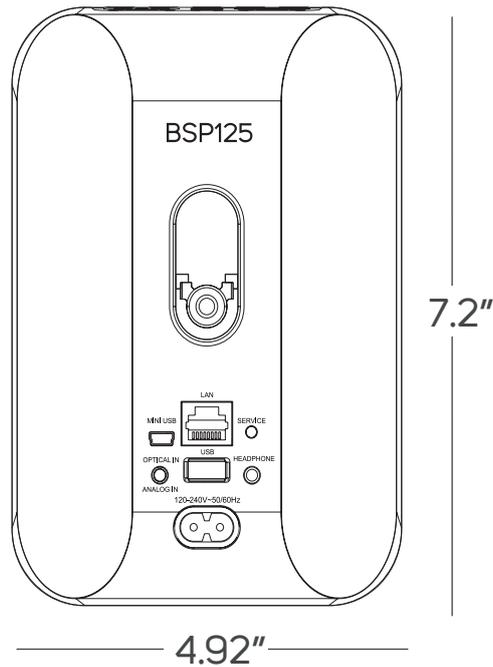
ARCHITECTS & ENGINEERS SPECIFICATION

The network streaming speaker shall allow for the playing of material from network attached drives and a wide variety of streaming services including Spotify, Tidal, Qobuz and SoundMachine as well as internet radio platforms such as TuneIn and iHeart Radio. The network speaker shall support files up to 192kHz and 24-bit resolution as well as MQA encoded files. Control of the unit shall be possible from PC or Mac computers, Android and iOS mobile devices and third-party control systems. In addition, there shall be the provision for the connection of dedicated wall mount remote control panels to allow for local control of zones. The network speaker shall be based on the BluOS platform and shall be compatible with other BluOS devices to form a complete and integrated ecosystem including flexible grouping and control of zones. Networked speakers shall also be able to be paired in stereo combinations.

The network streaming speaker shall have a 3.5" woofer and 1" tweeter. The power amplifier shall be a high efficiency 25W unit with built-in DSP for equalization and other audio processing. Streaming shall be via wired ethernet for increased reliability (with wireless streaming also supported when required). A local analog and digital line level input shall also be provided. A USB input shall provide replay of files stored on connected drives. The unit shall have no controls to prevent unauthorized adjustment and control of the unit shall incorporate security to prevent unauthorized access via other devices.

Wall mounting of the network speaker shall also be possible with optional bracket, allowing for 40° swivel and 360° rotation of the speaker.

The network streaming speaker shall be the Bluesound Professional BSP125.



SPECIFICATIONS

CONNECTIVITY

AUDIO		NETWORK	Gigabit Ethernet RJ45 Wi-Fi 5 (802.11ac, dual-band)
SUPPORTED FILE FORMATS	MP3, AAC, WMA, OGG, WMA-L, ALAC, OPUS	USB	1 x Type-A port for connection to USB memory sticks (Fat32 or NTFS formatted) and supported peripherals 1 x Type-B (mini) for product servicing
HI-RES FORMATS	FLAC, MQA, WAV, AIFF	AUDIO INPUT	Combo - Toslink/3.5mm
NATIVE SAMPLING RATES	32 - 192kHz	POWER	Universal bi-pin AC Cord input (100 - 240AC)
BIT DEPTHS	16 - 24	USER INTERFACE	
PERFORMANCE		MOBILE OPERATING SYSTEM	BluOS - Free Android and iOS App Available Online at Google Play and Apple App Store
FREQUENCY RESPONSE	-10db 45Hz-20kHz	GENERAL	
DISTORTION	THD+N - 0.030% (20hz-20khz at Rated Power)	PROCESSOR	ARM® CORTEX™ A9, 1 GHz
POWER OUTPUT	25 Watts total system power at 0.030% THD	UNIT WEIGHT	1.23kg / 2.7lb
SPEAKERS	1 x 3.5" (89mm), Woofer 1 x 1" (25mm), Tweeter	GROSS DIMENSIONS	125 x 183 x 100
SUPPORTED OPERATING SYSTEMS	Plays music from network shares on the following desktop operating systems: Microsoft Windows XP, 2000, Vista 7-10, Apple Macintosh 7-10	POWER CONSUMPTION (Idle)	14 Watts
FREE INTERNET RADIO	TuneIn Radio, iHeartRadio, Calm Radio, Radio Paradise, LiveXLive	STORAGE ENVIRONMENT	-10° C to 50° C, 20% to 80% relative humidity
SUPPORTED CLOUD SERVICES	Spotify, Amazon Music, TIDAL, Deezer, Qobuz, HighResAudio, Murfie, Napster, KKBox, Bugs, Taihe Music ZONE, SoundMachine	OPERATING ENVIRONMENT	0° to 40° C
INTEGRATION PARTNERS	Control4, RTI, Crestron, URC, push, iPort, ELAN, Lutron, roon	FINISH	Available in white or black matte
ALBUM ART	JPG		

BSP500 **NETWORK STREAMING SPEAKER**

Available middle of 2020



The Bluesound Professional BSP500 is a network active loudspeaker with integrated streaming capability designed specifically for use in either indoor or outdoor commercial installations. This unit is powered by Power over Ethernet (PoE) allowing a one-wire connection to the speaker for both power and audio. The player in the BSP500 is based on the established BluOS platform and is capable of playing and distributing content from local network storage as well as from a large number of streaming services, including some specifically designed for commercial use, such as SoundMachine and internet radio stations. As well as stand-alone use, it is possible to use a pair of BSP500 speakers in stereo configuration and multiple BSP500's in a room in either mono or stereo configurations. Use of the BSP500 in a larger BluOS system is also possible, allowing for grouping into user-definable groups of whatever size is required with other BSP500 units and/or any other connected Bluesound Professional players, amplified players or network speakers on the network in an installation.

The loudspeaker features a 5.25" LF driver and a 1" HF driver powered by a high efficiency amplifier including a low power standby mode. The frequency response of the speaker is 63Hz-23kHz and the THD+N of the system is 0.095% at full rated power. Access to content and power is via wired ethernet for glitch-free streaming. High efficiency electronics and drive units provide a maximum SPL of 100dB (using type 3 PoE).

Control of the speaker can be accomplished by any Windows/Mac computer as well as any iOS/Android phone or tablets and the Bluesound Professional CP100 wall mount controller. Third party control is also possible with any of the leading systems. Security provisions prevent any un -authorized control of the system.

An integral bracket allows for wall mounting with 90 degrees of swivel and 170 degrees of rotation possible. IP56 rating allows for either indoor or outdoor use.

FEATURES

- Full-range network streaming speaker system
- 5.25" LF driver and 1" HF driver
- Power over Ethernet (PoE+, type 3 PoE) powering to allow single wired connection for both power and signal
- Indoor or outdoor use (IP56* rating)
- 63Hz-23kHz frequency range
- 0.095% THD+N at full rated power
- Maximum SPL of 100dB (using type 3 PoE)
- 2 or more BSP500's can pair in stereo or multiple mono configuration
- Flexible and unlimited grouping of zones within a BluOS system
- Integration with local network content storage
- Integration with many streaming services including Spotify, Tidal, Qobuz etc.
- Integration with a wide variety of internet radio platforms
- PC/Mac, iOS/Android and third-party control
- Security preventing unauthorized control
- Specialist Bluesound Professional control panels
- Support of Hi-Res audio up to 192kHz/24 bit
- Support of MQA content
- Streaming via ethernet for increased reliability
- Wall mounting with integral bracket

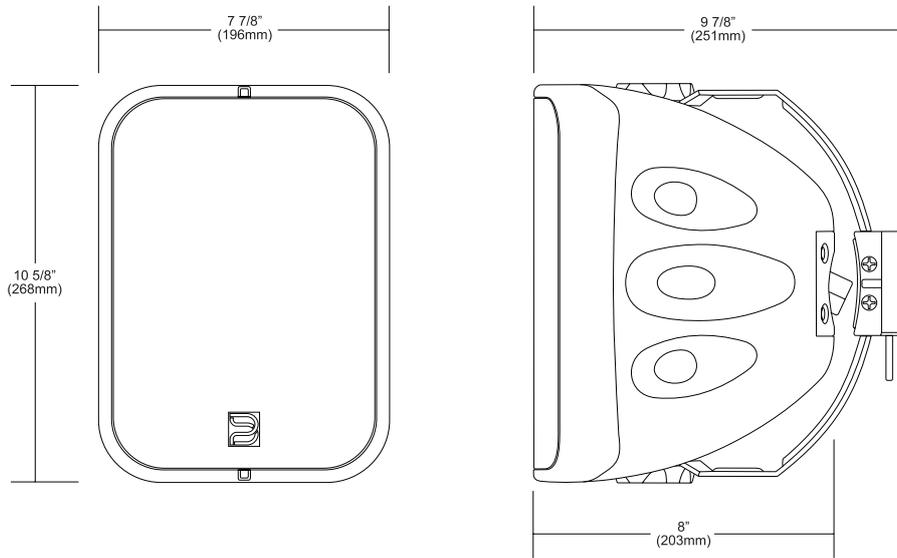
ARCHITECTS & ENGINEERS SPECIFICATION

The network streaming speaker shall allow for the playing of material from network attached drives and a wide variety of streaming services including Spotify, Tidal, Qobuz and SoundMachine as well as internet radio platforms such as TuneIn and iHeart Radio. The network speaker shall support files up to 192kHz and 24-bit resolution as well as MQA encoded files. Control of the unit shall be possible from PC or Mac computers, Android and iOS mobile devices and third-party control systems. In addition, there shall be the provision for the connection of dedicated wall mount remote control panels to allow for local control of zones. The network speaker shall be based on the BluOS platform and shall be compatible with other BluOS devices to form a complete and integrated ecosystem including flexible grouping and control of zones. Networked speakers shall also be able to be paired in stereo or multiple mono combinations.

The network streaming speaker shall have a 5.25" woofer and 1" tweeter. The power amplifier shall be a high efficiency unit with a maximum SPL of 100dB (using type 4 PoE). Streaming shall be via wired ethernet for increased reliability. The unit shall have no controls to prevent unauthorized adjustment and control of the unit shall incorporate security to prevent unauthorized access via other devices.

Wall mounting of the network speaker shall also be possible with integral bracket, allowing for 90° swivel and 170° rotation of the speaker.

The network streaming speaker shall be the Bluesound Professional BSP500.



SPECIFICATIONS

CONNECTIVITY

AUDIO		Network	
Supported File Formats	MP3, AAC, WMA, OGG, WMA-L, ALAC, OPUS		Gigabit Ethernet RJ45
Hi-Res formats	FLAC, MQA, WAV, AIFF	USB	1 x Type-A port for connection to USB memory sticks (Fat32 or NTFS formatted) and supported peripherals 1 x Type-B (mini) for product servicing
Native Sampling Rates	32 - 192kHz	Power	PoE+ IEEE 802.3at Type 2 (30W) PoE++ IEEE 802.3bt Type 3 (60W)
Bit Depths	16 - 24	USER INTERFACE	
PERFORMANCE		Mobile Operating System	BluOS - Free Android and iOS App Available Online at Google Play and Apple App Store
Frequency Response	63Hz-23kHz	GENERAL	
Distortion	THD+N - 0.095% (20hz-20khz at Rated Power)	Processor	ARM® CORTEX™ A9, 1GHz
Power Output	20w audio output with PoE+ and 97db SPL 40w audio output with PoE++ and 100 db SPL	Unit Weight	3.2kg / 7.06 lbs
Speakers	1 x 5.25" (133mm), Woofer 1 x 1" (25mm), Tweeter	Gross Dimensions	7 7/8" x 10 5/8" x 9 7/8 inches / 196 x 268 x 251mm
Supported Operating Systems	Plays music from network shares on the following desktop operating systems: Microsoft Windows XP, 2000, Vista 7-10, Apple Macintosh 7-10	Power Consumption (Idle)	3.3 Watts
Free Internet Radio	TuneIn Radio, iHeartRadio, Calm Radio, Radio Paradise, LiveXLive	Storage Environment	-10° C to 50° C, 20% to 80% relative humidity
Supported Cloud Services	Spotify, Amazon Music, TIDAL, Deezer, Qobuz, HighResAudio, Murfie, Napster, KKBox, Bugs, Taihe, Custom Channels, Music ZONE, SoundMachine	Operating Environment Indoor/Outdoor	0° to 40° C IP56 rating
Integration Partners	Control4, RTI, Crestron, URC, push, iPort, ELAN, Lutron, roon	Finish	Available in white or black matte
Album Art	JPG		

BSP1000 **NETWORK STREAMING SPEAKER**

Available middle of 2020



The Bluesound Professional BSP1000 is a network active loudspeaker with integrated streaming capability designed specifically for use in either indoor or outdoor commercial installations. This unit is powered by Power over Ethernet (PoE) allowing a one-wire connection to the speaker for both power and audio. The player in the BSP1000 is based on the established BluOS platform and is capable of playing and distributing content from local network storage as well as from a large number of streaming services, including some specifically designed for commercial use, such as SoundMachine and internet radio stations. As well as stand-alone use, it is possible to use a pair of BSP1000 speakers in stereo configuration and multiple BSP1000's in a room in either mono or stereo configurations. Use of the BSP1000 in a larger BluOS system is also possible, allowing for grouping into user-definable groups of whatever size is required with other BSP1000 units and/or any other connected Bluesound Professional players, amplified players or network speakers on the network in an installation.

The loudspeaker features a 6.5" LF driver and a 1" HF driver powered by a high efficiency amplifier including a low power standby mode. The LF driver is port loaded with a provided port plug for outdoor use. The frequency response of the speaker is 45Hz-23kHz and the THD+N of the system is 0.095% at full rated power. Access to content and power is via wired ethernet for glitch-free streaming. High efficiency electronics and drive units provide a maximum SPL of 100dB (using type 3 PoE).

Control of the speaker can be accomplished by any Windows/Mac computer as well as any iOS/Android phone or tablets and the Bluesound Professional CP100 wall mount controller. Third party control is also possible with any of the leading systems. Security provisions prevent any unauthorized control of the system.

An integral bracket allows for wall mounting with 90 degrees of swivel and 170 degrees of rotation possible. IP56* rating allows for either indoor or outdoor use.

FEATURES

- Full-range network streaming speaker system
- 6.5" LF driver and 1" HF driver
- Bass reflex loading with provided port plug for outdoor use
- Power over Ethernet (PoE+, type 3 PoE) powering to allow single wired connection for both power and signal
- Indoor or outdoor use (IP56* rating)
- 45Hz-23kHz frequency range
- 0.095% THD+N at full rated power
- maximum SPL of 100dB (using type 4 PoE)
- 2 or more BSP1000's can pair in stereo or multiple mono configuration
- Flexible and unlimited grouping of zones within a BluOS system
- Integration with local network content storage
- Integration with many streaming services including Spotify, Tidal, Qobuz etc.
- Integration with a wide variety of internet radio platforms
- PC/Mac, iOS/Android and third-party control
- Security preventing unauthorized control
- Specialist Bluesound Professional control panels
- Support of Hi-Res audio up to 192kHz/24 bit
- Support of MQA content
- Streaming via ethernet for increased reliability
- Wall mounting with integral bracket
- Multiple CP100's can be used in one zone

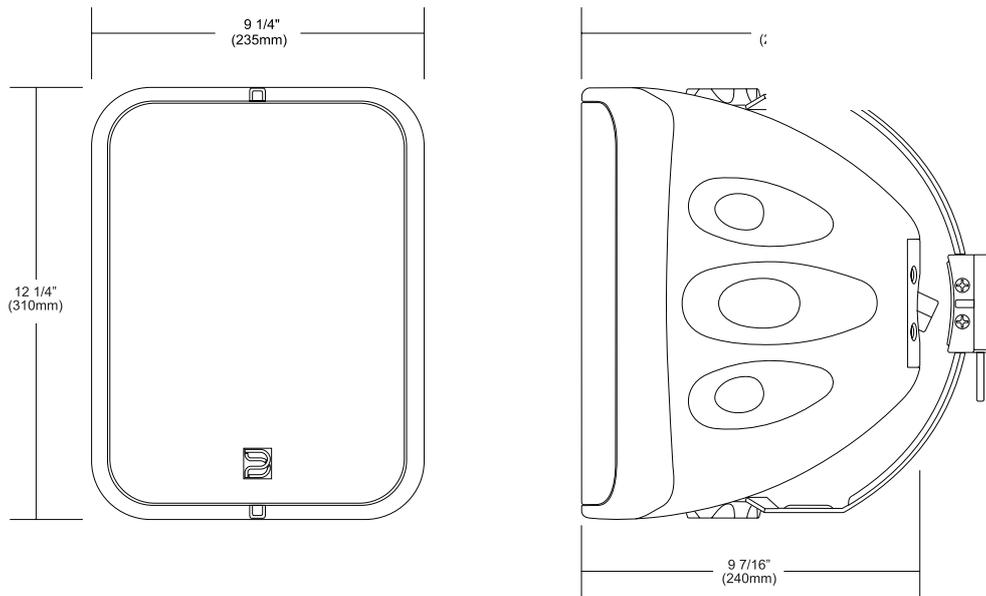
ARCHITECTS & ENGINEERS SPECIFICATION

The network streaming speaker shall allow for the playing of material from network attached drives and a wide variety of streaming services including Spotify, Tidal, Qobuz and SoundMachine as well as internet radio platforms such as TuneIn and iHeart Radio. The network speaker shall support files up to 192kHz and 24-bit resolution as well as MQA encoded files. Control of the unit shall be possible from PC or Mac computers, Android and iOS mobile devices and third-party control systems. In addition, there shall be the provision for the connection of dedicated wall mount remote control panels to allow for local control of zones. The network speaker shall be based on the BluOS platform and shall be compatible with other BluOS devices to form a complete and integrated ecosystem including flexible grouping and control of zones. Networked speakers shall also be able to be paired in stereo or multiple mono combinations.

The network streaming speaker shall have a 6.5" woofer and 1" tweeter with bass reflex loading and provided port plug for outdoor use. The power amplifier shall be a high efficiency unit with a maximum SPL of 100dB (using type 3 PoE). Streaming shall be via wired ethernet for increased reliability. The unit shall have no controls to prevent unauthorized adjustment and control of the unit shall incorporate security to prevent unauthorized access via other devices.

Wall mounting of the network speaker shall also be possible with integral bracket, allowing for 90° swivel and 170° rotation of the speaker.

The network streaming speaker shall be the Bluesound Professional BSP1000.



SPECIFICATIONS

CONNECTIVITY

AUDIO		Network	
Supported File Formats	MP3, AAC, WMA, OGG, WMA-L, ALAC, OPUS		Gigabit Ethernet RJ45
Hi-Res formats	FLAC, MQA, WAV, AIFF	USB	1 x Type-A port for connection to USB memory sticks (Fat32 or NTFS formatted) and supported peripherals 1 x Type-B (mini) for product servicing
Native Sampling Rates	32 - 192kHz	Power	PoE+ IEEE 802.3at Type 2 (30W) PoE++ IEEE 802.3bt Type 3 (60W)
Bit Depths	16 - 24	USER INTERFACE	
PERFORMANCE		Mobile Operating System	BluOS - Free Android and iOS App Available Online at Google Play and Apple App Store
Frequency Response	45Hz-23kHz	GENERAL	
Distortion	THD+N - 0.095% (20hz-20khz at Rated Power)	Processor	ARM® CORTEX™ A9, 1 GHz
Power Output	20w audio output with PoE+ and 97db SPL 40w audio output with PoE++ and 100 db SPL	Unit Weight	4.56kg / 10.05 lbs
Speakers	1 x 6.5" (165mm), Woofer 1 x 1" (25mm), Tweeter	Gross Dimensions	9 1/4" x 12 1/4 x 11.3/4 inches / 235 x 310 x 296mm
Supported Operating Systems	Plays music from network shares on the following desktop operating systems: Microsoft Windows XP, 2000, Vista 7-10, Apple Macintosh 7-10	Power Consumption (Idle)	3.3 Watts
Free Internet Radio	TuneIn Radio, iHeartRadio, Calm Radio, Radio Paradise, LiveXLive	Storage Environment	-10° C to 50° C, 20% to 80% relative humidity
Supported Cloud Services	Spotify, Amazon Music, TIDAL, Deezer, Qobuz, HighResAudio, Murfie, Napster, KKBox, Bugs, Taihe, Custom Channels, Music ZONE, SoundMachine	Operating Environment Indoor/Outdoor	0° to 40° C IP56* rating
Integration Partners	Control4, RTI, Crestron, URC, push, iPort, ELAN, Lutron, roon	Finish	Available in white or black matte
Album Art	JPG	*With Port Plug Installed	

CP100 WALL-MOUNT CONTROL PANEL



The Bluesound Professional CP100 is a low profile wall-mount control panel for all Bluesound Professional players. It features sleek design with a glass control panel with illuminated touch sensitive controls. It is possible to recall presets, pause music/mute and adjust volume in the zone that the panel is controlling. The CP100 is designed to fit flush to the wall or mounted in a large variety of international back-boxes for ease of installation. The control panel controls illuminate as needed, controlled by a proximity sensor and the control can be locked to protect against unintended or unauthorized use.

The CP100 is powered by PoE and sits on any BluOS network with easy connection through RJ45. Back panel allows for pre-mounting with front clicked in afterwards. Multiple CP100s can be utilized in a zone.

FEATURES

- Sleek, low-profile design
- Illuminated controls for ease of use in any environment
- Glass surface to allow for easy cleaning
- Control of volume and play/pause/mute
- Recall of 5 programmable presets
- RJ45 connection and PoE powering for ease of installation
- Compatible with wide variety of international lighting/electrical back-boxes

ARCHITECTS & ENGINEERS SPECIFICATION

The control panel for the music system shall be wall-mounted with a low profile. It shall feature illuminated controls for ease of use in all lighting environments and these controls shall illuminate upon proximity of user. Controlled functionality shall include play, pause/mute and volume control. The control panel shall also be capable of recalling 5 programmable presets for different content. The glass surface of the control panel shall be easily cleanable. Connection to the panel shall be via RJ45 and the panel shall be powered by PoE. The control panel shall be wall-mounted and shall be capable of being installed over a wide variety of international back-boxes for lighting and electrical controls.

The control panel shall be the Bluesound Professional CP100.

SPECIFICATIONS

RoHS Compliant

Up to 8 button capacity 5 presets, play/pause, volume up/down

All buttons to be lit

Wall mount should be quickly detachable from wall bracket

DIMENSIONS (W x L x D) 13.5 x 13.5 x 2.25cm (5.3 x 5.3 x 0.88")

NET WEIGHT 0.25KG (0.55 LBS)

RM100 RACKMOUNT SYSTEM



The Bluesound Professional RM100 is a rackmount system allowing up to 3 x B100S network streaming players to be mounted in a 1U space in a 19" rack. The B100S modules slot in from the front and are secured by a rear panel screw, allowing for swift replacement when required. B100S units are supported with a full chassis.

FEATURES

- 3U rackmount system for B100S network streaming players
- Can accommodate up to 3 x B100S in 1U rack space
- B100S units mounted from front with full chassis tray support
- Blanking panels available for unused slots

ARCHITECTS & ENGINEERS SPECIFICATION

The rackmount system for the network streaming players shall be a 1U unit capable of accommodating up to 3 network streaming players. Blanking plates shall be available for unused slots. Shall be mounted from the front.

The rackmount system shall be the Bluesound Professional RM100.

RM160 RACKMOUNT SYSTEM



The Bluesound Professional RM160 is a rackmount system allowing up to 6 x B160S network streaming stereo amplifiers to be mounted in a 3U space in a 19" rack. The B160 modules slot in from the front and are secured by a front panel screw, allowing for swift replacement when required. B160S units are supported front and back.

FEATURES

- 3U rackmount system for B160S network streaming stereo amplifiers
- Can accommodate up to 6 x B160S in 3U rack space
- B160S units mounted from front with front and rear support
- Blanking panels available for unused slots

ARCHITECTS & ENGINEERS SPECIFICATION

The rackmount system for the network streaming stereo amplifiers shall be a 3U unit capable of accommodating up to 6 network streaming stereo amplifiers. Blanking plates shall be available for unused slots. Support for units shall be provided front and back and units shall be mounted from the front.

The rackmount system shall be the Bluesound Professional RM160.



CONTACT US

Bluesound Professional is a fusion of hardware and software that is purpose-built for high-performance networked audio for retail shops, bars, restaurants, hotels, gyms, and other commercial applications.

Phone : (905) 831-6333

inquiry : <https://www.bluesoundprofessional.com/contact-us/>

Location : 633 Granite Court, Pickering, Ontario Canada, L1W 3K1