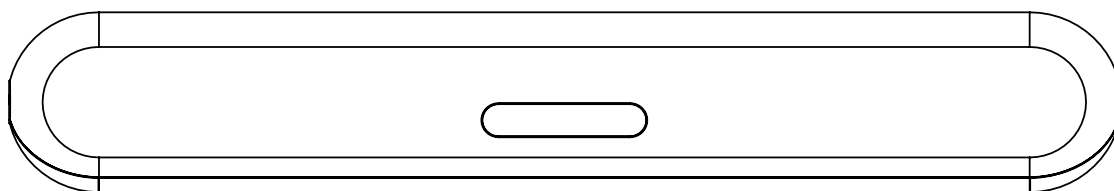# BLUESOUND

PULSE CINEMA MINI

MULTI-ROOM STREAMING SOUNDBAR

OWNER'S MANUAL

Welcome to Bluesound

Thank you for purchasing your PULSE CINEMA MINI. It is a network streaming soundbar that conveniently brings the enjoyment of hi-resolution audio and premium sound quality to everyday life. Simply setup your soundbar with your TV for cinematic sound on its own, or add other Bluesound players to create home theater and extended multi-room listening experiences.

This Owner's Manual will provide you with a detailed overview of your PULSE CINEMA MINI and its features. It also includes some troubleshooting tips and tricks and networking best practices. The Quick Setup Guide included with your PULSE CINEMA MINI will help you get it on the network and ready to listen to your music.

If you need more help or information please visit support.bluesound.com or send us an email at support@bluesound.com

Accessories

120V AC Power Cord

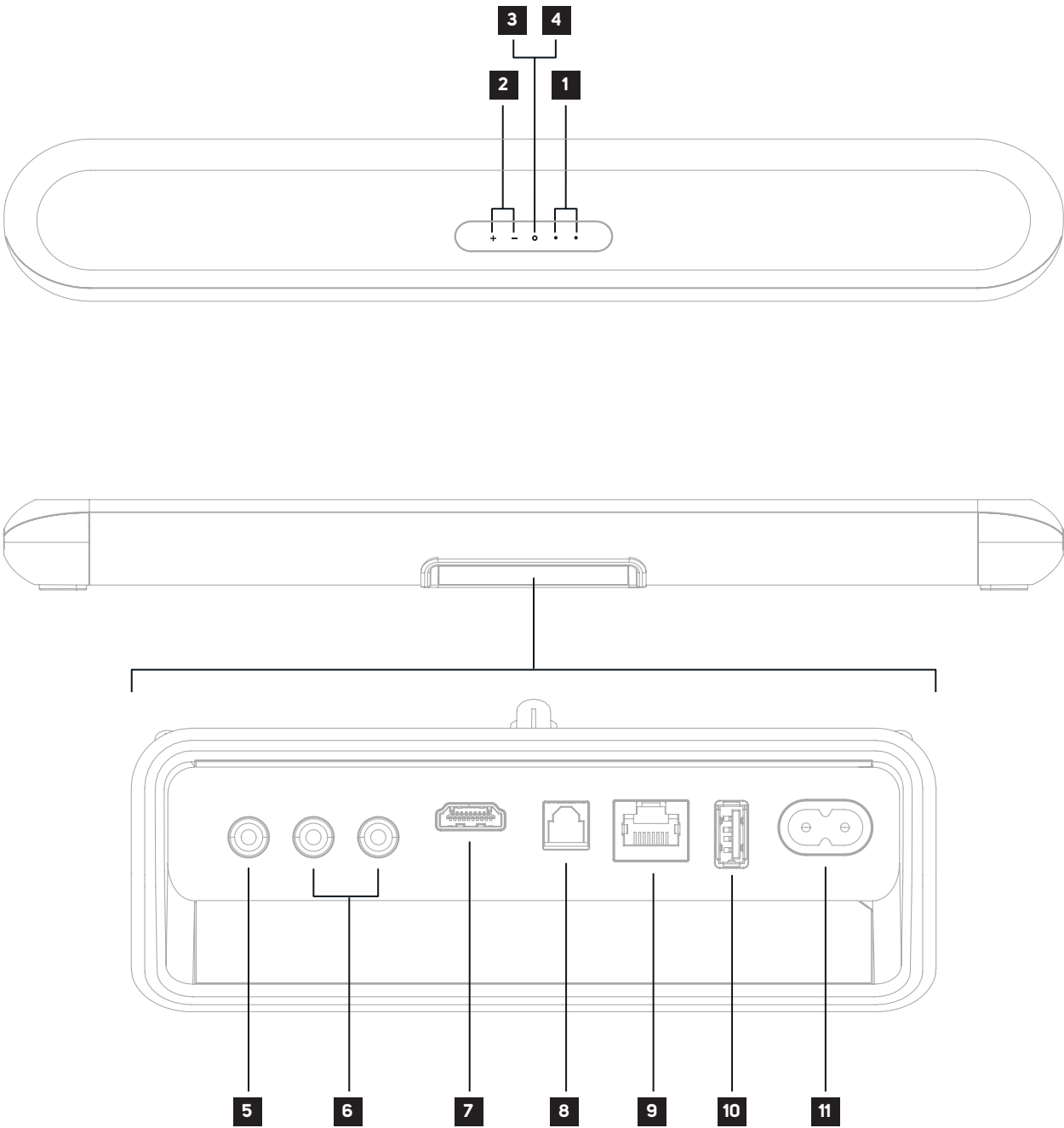230V AC Power Cord

Wall Mount Bracket +
Wall Mount Template

Wall Mount M6 Bolt x2

Ethernet Cable

HDMI Cable

Wall Mount Hex Tool

Mount Locking Tab x2 (L+R)

1 **PRESETS** The PULSE CINEMA MINI has 2 programmable preset buttons. These are configured using the Presets menu in the BluOS App.

2 **VOLUME** +/- Press the + button to increase the volume level; press the − button to decrease volume level.

3 **STATUS INDICATOR** Below is a table of the LED blink codes and their corresponding descriptions

LED BLINK CODE	DESCRIPTION
Short blue flash, then red	Powering up rebooting the unit
Solid green	Hotspot Mode
Flashing green	Connecting to Network
White pulse	Software update available
Solid red	Upgrade Mode
Alternate flashing red and green	Upgrading
Flashing blue	Mute Mode
Solid white	Indexing
Solid blue	Connected to Network - ready to use with BluOS App
Flashing red	Factory Reset in process
Solid Purple	Hotspot Mode timed out

4 **PLAY/PAUSE BUTTON** This button has multiple functions – a visual indicator of network connectivity and a PLAY/PAUSE button. For a listing of LED Blink Codes, please see #3. For an ungrouped Player, press the button to Play or Pause the stream. If listening to an internet radio stream, the Pause- function will work for 30 seconds. At this point, the buffer is full, and the stream will Stop. When a Player is grouped, pressing the PLAY/PAUSE button will Mute the Player while other Players continue the stream. The Player's LED will flash blue when muted. This button is also used for Factory Rest functions. See steps for Factory Reset later in the manual.

5 **SUBW (SUBWOOFER) OUT** A subwoofer can be connected directly to the PULSE CINEMA MINI. Connect SUBW OUT to a powered ("active") subwoofer. Alternatively, you can connect the PULSE CINEMA MINI to a Bluesound subwoofer over the network.

6 **ANALOG IN** Using an RCA Stereo Audio Cable (not provided), connect one end to the ANALOG IN of the PULSE CINEMA MINI and the other end to the corresponding analog output of the television or other compatible device. The source will show as an Analog Input in the BluOS App.

7 **HDMI eARC** Using an HDMI cable, connect one end to the eARC input of the PULSE CINEMA MINI and the other end to an ARC/eARC-enabled HDMI output on your television. You may be required to enable ARC/eARC in your TV settings. Consult your TV user manual for more information. The source will appear as HDMI ARC or eARC in the BluOS App.

8 **OPTICAL IN** Using a digital optical cable (not provided), connect one end to the OPTICAL IN of the PULSE CINEMA MINI and the other end to the corresponding optical output of the television or other compatible device. The source will show as an Optical Input in the BluOS App.

9 **LAN PORT** The LAN PORT connection can be used with the Ethernet cable provided. This is an optional connection since the PULSE CINEMA MINI can be connected to the network through a Wi-Fi connection to your router. To setup the PULSE CINEMA MINI using the LAN Port a Wired Ethernet connection is required. Connect one end of the Ethernet cable to the LAN port of your wired Ethernet Broadband router and the other end to the PULSE CINEMA MINI's LAN port.

10 **USB INPUT (TYPE A)** Connect a USB mass storage device to the USB input. Typical USB mass storage devices compatible with the PULSE CINEMA MINI include portable flash memory devices and external hard drives (FAT32 or NTFS formatted). [Read about Server Mode in Settings]

11 **AC MAINS INPUT** The PULSE CINEMA MINI comes supplied with two separate AC power cords. Select the AC power cord appropriate for your region. Before connecting the plug to the wall outlet, connect firmly the other end of the AC power cord to PULSE CINEMA MINI's AC Mains input socket. Never force the plug into a wall outlet. An adapter may be necessary in certain regions. Always disconnect the plug from the wall outlet first, before disconnecting the cable from the PULSE CINEMA MINI's AC Mains input socket.

NETWORK

The PULSE CINEMA MINI is a network audio player and relies on a well-implemented local area network to operate correctly. Internet access is required for software updates and to use many of the player's features, like cloud-based music streaming. Learn more

Once the PULSE CINEMA MINI is connected to your equipment and AC power, you need to add it to your network. Watch for the front panel LED to turn Solid Green, indicating it is ready for network connection in 'Hotspot' mode. You can add your player to the network via wired Ethernet, or wirelessly via Wi-Fi. If using Ethernet, simply plug in an Ethernet cable to the PULSE CINEMA MINI's LAN Port. The LED will turn Solid Blue, indicating network connection. If using Wi-Fi, open the BluOS App on a phone or tablet, and use the 'Add A Player' wizard to guide you through the steps. Whether connecting via Ethernet or Wi-Fi, you must finalize setup by initializing your PULSE CINEMA MINI within the BluOS App.

PLACEMENT

The PULSE CINEMA MINI is designed to give you options and flexibility when positioning within your home.

WALL MOUNT. For wall mount installations, the PULSE CINEMA MINI comes with a mounting bracket and mounting template included. Follow the mounting instructions on the mounting template to secure your PULSE CINEMA MINI to the wall. It can only be mounted in one orientation to account for its angled drivers. The PULSE CINEMA MINI is equipped with an internal accelerometer which ensures the left-right audio channels are correctly oriented for wall placement.

TABLETOP. For tabletop installations, lay the PULSE CINEMA MINI flat on its rubber feet with the top-panel user interface positioned towards the back of the product. This is the correct product orientation. The PULSE CINEMA MINI is equipped with an internal accelerometer which ensures the left-right audio channels are correctly oriented for tabletop placement.

UNIVERSAL MOUNTING. The PULSE CINEMA MINI can be mounted to a universal or articulating-style bracket. Refer to the specific bracket manufacturer's installation guide for compatibility and assembly instructions. The PULSE CINEMA MINI comes equipped with Mount Locking Tabs for extra safety when mounting to a 3rd party bracket. From the rear of the bracket, attach the Mount Locking Tabs to the 'Y' grooves on the Bluesound bracket. Ensure the pull-tab mechanism securely locks into the horizontal groove next to the 'Y' groove.

Note: the Mount Locking Tabs are labelled 'R' for Right and 'L' for Left. This refers to their placement when looking from the front of the mounting bracket.

PLACEMENT CONSIDERATIONS FOR DOLBY ATMOS®. For ideal results, place the PULSE CINEMA MINI below your television at approximately ear level and orient your seating position so that it directly faces the television. Avoid placing any obstructions between the PULSE CINEMA MINI and the listening position. The Dolby height virtualizer implementation in the PULSE CINEMA MINI is extremely flexible and does not require any additional or special room considerations to work. All viewers within the seating area will experience an enhanced height sensation.

PRESETS

You can set presets for your favorite radio stations, music streams or playlists using the BluOS Controller app. Presets can be recalled from the two preset buttons on the PULSE CINEMA MINI or from an IR Remote, including the Bluesound RC1 remote (sold separately). Learn more

Audio Settings

LISTENING MODE Adjust settings within these listening modes to create separate listening profiles for Music, Movies and Late night – that you can select to enjoy different listening experiences quickly.

SUBWOOFER Enable to activate the subwoofer output – wired or wireless. The sub output crossover is set at 90Hz.

SURROUND UPMIXER Enable to transform 2-channel-based audio into a virtualized surround sound environment. Content is intelligently rendered to match the number of speakers available, preserving spatial detail and immersion.

VIRTUALIZER Enable to virtually experience Dolby Atmos content. Use this option to expand the audio soundstage of any source. Enable along with Surround Upmixer for the widest soundstage with a stereo source.

VOLUME LEVELER Enable to maintain consistent playback volume levels regardless of the source selection or content.

REPLAY GAIN Select any of the following to configure consistent volume levels between tracks in the play queue:

- **Track gain** – To use the track gain value from the song's metadata to have the current track's volume be more consistent with other tracks.
- **Album gain** – To use the album gain value from the metadata to provide a consistent volume level between all audio tracks on a particular album.
- **Smart gain** – To allow the BluOS to automatically choose between track gain and album gain values to provide the best replay gain option for your current listening.

Note: BluOS uses the metadata of the selected audio track to configure consistent volume levels between tracks.

VOLUME LIMIT (dB) Set the upper and lower limit of volume controls in the BluOS Controller App. Modifying the upper or lower volume limits of the BluOS Player allows more fidelity when adjusting the volume.

Settings

IR REMOTE Setup an IR Remote, either by teaching your Bluesound Player to work with one of your old remotes or by using the Bluesound RC1 remote which works out-of-box.

- **BluOS Remote:** Enable/Disable the Bluesound RC1 Remote if you have multiple Bluesound Players in the same room, and only want the remote to control one of them. If you have multiple remotes, you can change the IR Channel for each Player. Learn more
- **IR Learning:** Program your own remote to work with your Bluesound Player. Learn more

Note: If Proximity is turned off, the Indicator Light OFF function gets disabled.

INDICATOR LIGHT Adjust the brightness of the light on your Bluesound Player

- **Normal** – Default brightness
- **Dim** – Lower the brightness
- **Off** – Turns off the light

Note: If Proximity is turned off, the Indicator Light OFF function gets disabled.

PROXIMITY Turn the proximity ON or OFF for the top panel user-interface. Adjust the timeout timing when proximity is ON.

CUSTOMIZE SOURCES Most inputs can be adjusted from this menu. It is possible to change the name, icon of the individual input.

Bluetooth: Settings for Bluetooth visibility and functionality.

- **Manual** – This mode allows you to manually switch between Bluetooth as a local source in the Inputs section of the Music Tab.
- **Automatic** – (Default mode) This mode automatically switches to the Bluetooth source when a Bluetooth-connected device starts playing audio.
- **Guest** – This mode switches the Bluesound player to the Bluetooth source when your connected Bluetooth device starts playing audio. However, switching sources disconnects the Bluetooth connection. The Bluetooth source is not displayed under the Inputs section of the Music tab. This configuration is ideal for streaming audio from multiple Bluetooth-enabled devices.
- **Disabled** – This mode turns off the Bluetooth receiver on the player.

Analog Input/Optical Input/HDMI ARC

- **Name** - Change the name of the input.
- **Icon** - Change the icon of the input.
- **Listening Mode** – Select the default listening mode for the specific input.
- **Auto Sense** – Turn it ON if you want the input to override other inputs whenever it receives a signal. Turn it OFF if you want to change input yourself or encounter issues with specific inputs.
- **Auto Sense Ungroup** – Turn it ON if you want to remove this Player from a group when Auto Sense detects a valid input signal.
- **A/V mode** – Enable A/V mode when using the Player with real-time audio sources such as a TV signal. Disable it when using audio-only sources like a turntable or CD player to prioritize quality over speed.
- **Compressed Grouped Audio** – Enable this when using inputs with grouped players to help reduce network load and increase the reliability.
- **Hide Source** – Toggle if you don't want to see the input listed in the Music tab.

SERVER MODE To make your USB library accessible in the BluOS Controller app, plug the USB drive (in NTFS or FAT32 file format) into the USB port at the back of the BluOS Player and follow the onscreen prompts on the BluOS Controller app.

- **[Yes] Server Mode enabled** - USB drive is shared with other players on the network from the local Library.
- **[No] Server Mode disabled** - USB drive access is restricted to the USB-connected Player.

Note: After the connection, the player's Status Indicator LED turns white, indicating that it is indexing the connected library. Depending on the size of your music library, the indexing process may take some time to complete. The indexing process is complete when the Status Indicator LED returns to solid Blue. Learn more

WARNING!

THIS IS A FACTORY RESET OF YOUR PLAYER. ALL CUSTOMIZATION INCLUDING WI-FI NETWORK CONFIGURATION, FILE SHARES AND SAVED PLAYLISTS WILL BE LOST. YOU WILL HAVE TO RE- CREATE THESE ONCE COMPLETE. THIS PROCESS IS ONLY RECOMMENDED IF YOUR PLAYER IS NOT FUNCTIONING AND AN INTERNET FIRMWARE UPGRADE HAS FAILED. FOR ANY QUESTIONS OR CONCERNS CONTACT AN AUTHORISED BLUESOUND CUSTOMER REPRESENTATIVE BEFORE PROCEEDING!

Steps to Factory Reset:

1. Disconnect the PULSE CINEMA MINI from electrical power.

2. Wait 30 seconds

3. Reconnect the power

4. Once the LED turns Red, press and hold the PLAY/PAUSE button. The LED will immediately turn Green and then back to Red - continue to hold the button for 30 seconds

5. After 30 seconds, the LED will begin to blink red – then release the button

6. All customization to the PULSE CINEMA MINI will be removed and restored to factory settings

IMPORTANT: Removing your finger from the PLAY/PAUSE button at any time before the LED begins flashing red will cancel the factory reset and leave the player in Upgrade Mode. Just start the steps again to factory reset the PULSE CINEMA MINI.

You will know the factory reset is successful if the PULSE CINEMA MINI returns to Hotspot mode (wireless connection - the LED will turn solid green). If it is connected to your network through a wired Ethernet connection, it will simply connect as if it was a new player (LED will turn solid blue).

◗◖Dolby Atmos

BLUESOUND®