



## BluOS Release Notes

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These release notes document the minimum requirements for controlling a BluOS player. They also list the recent changes to the BluOS operating system. Your players should always be running the latest version of BluOS.

### Minimum System Requirements

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iOS version 9.3.

Android version 5.0.

macOS version 10.9.

Windows version 7 SP1.

### Minimum Software Requirements

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BluOS Controller for iOS, version 3.12.3.

BluOS Controller for Android and Kindle Fire, version 3.12.2.

BluOS Controller for macOS, version 3.12.1.

BluOS Controller for Windows PC, version 3.12.1.

### BluOS Releases

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BluOS 3.12.13. Released November 24, 2020.

- New Stereo Surround mode for Bluesound Home Theatre Groups.
- Updates to TIDAL and TIDAL connect to support new MQA content.
- Dirac calibration improvements for the NAD C658, M10 and M33.

BluOS 3.12.9. Released November 4, 2020.

- Update for inputs and settings on NAD M33.
- This release applies to the NAD M33 only.

BluOS 3.12.6. Released October 27, 2020.

- Restore vacation mode on supported players.
- Update BUGS music service.

BluOS 3.12.5. Released October 22, 2020.

- Update for input names on NAD M33.
- This release applies to the NAD M33 only.

BluOS 3.12.2. Released October 20, 2020.

- Support for Bluesound Pulse SUB+.
- Support for TIDAL connect.
- Expand Neil Young Archives access to all countries.

BluOS 3.10.4. Released September 21, 2020.

- Support for Bluesound Professional BSP500 and BSP1000.
- This release applies to the Bluesound Professional BSP500 and BSP1000 only.

BluOS 3.10.3. Released September 1, 2020.

- Increase subwoofer levels on Powernode 2 products.
- Improvements to Dirac slot management.
- Other minor fixes.

BluOS 3.10.0. Released August 18, 2020.

- Support for TIDAL My Mix.
- Updated kernel libraries.
- New grouping synchronization.
- More robust WiFi drivers.
- Updated audio libraries.
- Improvements for network stability and power management.

BluOS 3.8.19. Released August 11, 2020.

- Support for MQA streaming of JAZZ RE:FEST ONLINE 2020.

BluOS 3.8.17. Released July 7, 2020.

- Support for Xiami music service.

BluOS 3.8.13. Released May 26, 2020.

- Support for NAD Masters M33 BluOS Streaming DAC Amplifier.
- Support for Monitor Audio IMS-4.
- Support for Neil Young Archives music service.

BluOS 3.8.8. Released March 23, 2020.

- Added Dark Mode front panel display option for the NAD M10.
- Improved Ethernet performance on Bluesound Pulse Flex players and NAD players with MDC BluOS cards.

BluOS 3.8.3. Released March 4, 2020.

- Custom Channels streaming service for commercial music.
- Support for AirPlay 2 on the NAD M12 and M32 (with MDC BluOS 2i card).
- Allow Povernode products in Home Theatre groups.
- Support for MQA CD ripping.
- Support for MQA CD playback on NAD M50 and M50.2.
- Option to disable rooms on a NAD CI580 or Bluesound Professional B400S.
- Expanded IR Learning capabilities.

BluOS 3.6.15. Released Dec. 10, 2019.

- Updates to Listening Modes and A/V Presets on AVR's.
- Other minor fixes.
- This release applies to the NAD C658, as well as NAD AVR's with the VM130 and VM300 4K HDMI cards only.

BluOS 3.6.14. Released Nov. 26, 2019.

- Added Front Row audio setting to Pulse Mini 2i and Pulse 2i.
- Added microphone input to Bluesound professional products.
- This release applies to the Bluesound Pulse Mini 2i and Pulse 2, and the Bluesound Professional B100S, B160S and B400S only.

BluOS 3.6.12. Released Nov. 19, 2019.

- Performance improvements and feature enhancements.

BluOS 3.6.6. Released Oct. 29, 2019.

- Updates for IR remote controls.

BluOS 3.6.3. Released Oct. 17, 2019.

- Performance improvements and feature enhancements.

BluOS 3.6.2. Released Oct. 15, 2019.

- Support for IDAGIO classical music streaming service.
- Support for RADIO.com radio streaming service.
- Support for Google Assistant voice control.
- Support for MQA CD ripping on the Bluesound VAULT.
- Support for additional IR settings for Music, TV, and Movie listening modes.
- Support for dedicated volume settings for wired and wireless connected headphones.
- Support for Bluesound Professional products including B100S, B160S, B400S and BSP125.

BluOS 3.4.24. Released Sept. 28, 2019.

- Performance improvements and feature enhancements.

BluOS 3.4.23. Released Sept. 23, 2019.

- Support for Amazon Music HD.

BluOS 3.4.22. Released Aug. 6, 2019.

- Performance improvements.
- This release applies to the NAD VM300 4K Video Module only.

BluOS 3.4.20. Released July 30, 2019.

- Support for AirPlay 2 on the NAD M10.
- Support for AirPlay 2 on the NAD C 658.
- Support for AirPlay 2 on the C 368 with MDC BluOS 2i.
- Support for AirPlay 2 on the C 388 with MDC BluOS 2i.
- Adjustable lip-sync delay and new A/V mode for inputs.
- Mobile app support for Bluesound Professional products.

BluOS 3.4.13. Released June 11, 2019.

- Support for Dirac Live on the NAD C658.
- Improvements to artwork handling for local music libraries.
- New networking manager that monitors player's IP addresses.

BluOS 3.4.6. Released May 8, 2019.

- Updates for external serial port device control.
- This release applies to the NAD M50.2 only.

BluOS 3.4.3. Released April 16, 2019.

- Three new Radio Paradise stations in CD-quality with the ability to skip tracks.
- Support for NUGS.net music streaming service.
- Ability to rename or hide inputs for connected analog/digital devices .
- Improved Bluetooth pairing with enabled devices on supported Bluesound Players.
- Sound quality indicator in the app for Qobuz streamed music and content.
- Support for DTS:X on MDC-equipped AVRs with the AM230 or the AM17 .
- Support for Dirac Live on the NAD M10.
- Improved streaming performance and stability for Roon.

BluOS 3.2.13. Released Feb. 25, 2019.

- Improved pairing for Soundbar players and Pulse subwoofers.
- This release applies to the Bluesound Pulse Soundbar and Soundbar 2i only.

BluOS 3.2.10. Released Jan. 8, 2019.

- Support for the NAD C658 BluOS Streaming DAC.
- Addition of Amazon Alexa voice control.

BluOS 3.2.7. Released Dec. 19, 2018.

- Performance improvements.
- This release applies to the NAD CI580 only.

BluOS 3.2.6. Released Dec. 11, 2018.

- Support for AirPlay 2 on Bluesound 2i Players.

- Program presets and alarm with your favorite playlists from TIDAL.
- Auto-sense support for optical inputs on PULSE SOUNDBAR 2i and POWERNODE 2i.

BluOS 3.0.3. Released Oct. 30, 2018.

- Performance improvements.
- This release applies to the DALI Soundhub only.

BluOS 3.0.2. Released Oct. 24, 2019.

- Added HDMI input to IR commands for Soundbar 2i.
- Improved Soundbar 2i compatibility with HDMI ARC televisions.

BluOS 3.0.0. Released Oct. 1, 2018.

- Wide, Late Night, and Dialogue audio modes on the PULSE 2i and PULSE MINI 2i
- Dual analogue line-in support for connecting audio devices to the POWERNODE 2i
- Improved acoustics and audio co-efficients for select PULSE speakers
- Qualcomm aptX<sup>®</sup> HD Bluetooth for two-way hi-res streaming on most Bluesound Gen 2i Players
- SoundMachine music service for license-free streaming in light commercial environments
- Enhanced setup wizard eases the process of adding new Players to a network
- Taihe Music Zone music service bringing millions of songs to listeners (exclusively in China)
- Updated Roon protocol for improved streaming performance and stability
- Chassis IP control for select BluOS enabled Classic and Masters Series amplifiers from NAD