



## 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 10.13.

Windows version 7 SP1.

### Minimum Software Requirements

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BluOS Controller for iOS, version 3.20.0.

BluOS Controller for Android and Kindle Fire, version 3.20.0.

BluOS Controller for macOS, version 3.20.0.

BluOS Controller for Windows PC, version 3.20.0.

### BluOS Releases

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BluOS 3.20.52. Released May 23, 2023.

- Support for Canadian Qobuz accounts
- Add NAD C658 volume limits
- Grouping improvements
- ROON improvements when using External DACs

BluOS 3.20.49. Released April 25, 2023.

- Initial support for Bluesound NODE X
- Improved handling when transitioning between different audio formats
- Updates to ROON initialization

- This release applies to the Bluesound NODE (gen 3) & POWERNODE (gen 3) only.

BluOS 3.20.46. Released March 7, 2023.

- Dirac calibration updates when using a subwoofer.
- HDMI CEC improvements.
- This release applies to NAD C 3050 LE, C389 C399, M17v2 and T777 only.

BluOS 3.20.45. Released February 28, 2023.

- Product support for C 3050 LE.
- HDMI improvements for NAD Audio Video Receivers.
- Support for QPlay music service.

BluOS 3.20.28. Released November 30, 2022.

- Update for static IP network settings.
- This release applies to NAD CI580, CI580v2; Bluesound Professional B100S, B160S, B170S, B400S, BSP200, BSP500, BSP1000; and Monitor Audio IMS-4 only.

BluOS 3.20.25. Released October 18, 2022.

- Update for local library network share passwords.

BluOS 3.20.21. Released October 05, 2022.

- Support for Bluesound POWERNODE EDGE.
- Support for Bluesound Professional B170S.

BluOS 3.18.10. Released May 25, 2022.

- Update for NAD C658 front panel volume display.
- This release applies to NAD C658 only.

BluOS 3.18.9. Released May 17, 2022.

- Update for NAD M50 CD ejecting.
- Improvements to music library backups.
- Enhancements for grouping of multi-zone players.
- This release applies to Bluesound VAULT, VAULT 2, VAULT 2i; NAD M50, M50.2, CI580, CI580v2; Bluesound Professional B400S; and Monitor Audio IMS-4 only.

BluOS 3.18.7. Released April 26, 2022.

- Support for Bluesound HUB.
- Added balance trim to Bluesound POWERNODE (1<sup>st</sup> gen), POWERNODE 2, POWERNODE 2i, POWERNODE 2iv2, POWERNODE (3<sup>rd</sup> gen); NAD M10, M10v2, C700, CI720 and CI720v2; and Bluesound Professional B160S.
- Added more metadata for classical content on Qobuz.
- Added volume limits to NAD C399.

BluOS 3.16.8. Released April 12, 2022.

- Resolve audio output issue.

- This release applies to the SOUNDBAR+ only.

BluOS 3.16.7. Released January 31, 2022.

- Update to vacation mode.
- This release applies to the Bluesound NODE (3<sup>rd</sup> gen), POWERNODE (3<sup>rd</sup> gen) and SOUNDBAR+ only.

BluOS 3.16.5. Released January 25, 2022.

- Improved top panel handling for the NODE (gen 3) and POWERNODE (gen 3).
- Adjusted M33 gain when in bridge mode.
- Fix for grouped USB playback cutting off audio at the end of a track.

BluOS 3.16.3. Released December 28, 2021.

- Support USB connected DAC's on the NODE (3<sup>rd</sup> gen).
- This release applies to the Bluesound NODE (3<sup>rd</sup> gen) only.

BluOS 3.16.2. Released December 6, 2021.

- Add Audio Clock Trim to audio settings on NODE (3<sup>rd</sup> gen).
- Update tone controls on M10, M10v2 and M33.
- This release applies to the Bluesound NODE (3<sup>rd</sup> gen), as well as the NAD M10, M10v2 and M33 only.

BluOS 3.16.1. Released November 23, 2021.

- Support for Dolby Atmos on the SOUNDBAR+.
- New audio settings and profiles for the SOUNDBAR+.
- The addition of Tunity, a commercial music streaming service.
- Roon improvements including a new icon.

BluOS 3.14.31. Released October 13, 2021.

- Support for NAD M10v2 and C700.
- Multi-language support on front panel of C700, M10, M10v2, M33, M50.2, T758v3i, T777v3i and T778.
- Updates to Send Support Request.

BluOS 3.14.28. Released August 10, 2021.

- Support for Roksan Attessa.
- Updates for audio playback when coming out of standby.
- This release applies to the DALI Sound Hub and Roksan Attessa only.

BluOS 3.14.26. Released June 23, 2021.

- Updates to Spotify Connect and TIDAL connect.
- Improve AirPlay2 volume range on DALI Sound Hub.

BluOS 3.14.22. Released June 8, 2021.

- Improve 5GHz WiFi signal strength.

- This release applies to the Bluesound NODE (gen 3), POWERNODE (gen 3) and SOUNDBAR+ only.

BluOS 3.14.20. Released June 1, 2021.

- Support for Bluesound NODE (3<sup>rd</sup> gen) and POWERNODE (3<sup>rd</sup> gen).

BluOS 3.14.14. Released May 18, 2021.

- Improve detection of MQA files.
- This release applies to the DALI Sound Hub only.

BluOS 3.14.10. Released April 27, 2021.

- Front Panel touch screen improvements for NAD M10, M33 and T778
- Fix volume reporting on MDC BluOS players (C368, C388, C390DD, M12 and M32) when using percentage display mode and coming out of standby.
- Update for M50.2 serial port control.
- This release applies to the NAD M10, M33, M50.2, MDC BluOS and T778 only.

BluOS 3.14.5. Released April 13, 2021.

- Grouping update for Amazon Prime music accounts.
- Improvements to Bluetooth quality.

BluOS 3.14.3. Released April 8, 2021.

- Prevent M33 from accidentally entering network standby.
- Update for M50 serial port control.
- This release applies to the NAD M50 and M33 only.

BluOS 3.14.2. Released April 6, 2021.

- Support for SiriusXM and SiriusXM Music for Business.
- Support for Spotify Free.
- Support for Radio Paradise MQA stations.
- Room improvements for grouping and signal path reporting.
- Updates to TIDAL, Qobuz, Amazon Music and Deezer.
- Improvements to Library indexing for file permissions and handling unreadable audio files.

BluOS 3.12.16. Released March 15, 2021.

- Audio playback improvements for multi-room players.
- This release applies to the Bluesound Professional B400S, NAD CI580, NAD CI580v2 and Monitor Audio IMS-4 only.

BluOS 3.12.15. Released March 11, 2021.

- Front Panel touch screen bug fixes and improvements for NAD M10, M33 and T778.
- This release applies to the NAD M10, M33 and T778 only.

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 Pownode 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 PULSE 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 Sound Hub only.

BluOS 3.0.2. Released Oct. 24, 2019.

- Added HDMI input to IR commands for PULSE SOUNDBAR 2i.
- Improved PULSE 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