



## Introduction

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These release notes are for the Control4 BluOS drivers. These drivers can be used to control music streaming functionality in BluOS products.

## Dependencies

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- Requires BluOS v4.6.0 or higher.
- Requires Control4 OS 3.4.2 or higher.

## Change Log

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Version 3.4.0 (released August 29, 2024):

- Added support for Bluesound NODE NANO, NODE, and NODE ICON.
- Added support for NAD C700v2, C379, C389, and C399.
- Added support for Bluesound Professional BCS300.
- Added "Listening Mode Selection" device specific command for programming.
- Added "Doorbell Trigger" device specific command for programming.

Version 3.2.3 (released May 30, 2024):

- Added mini drivers for KKBOX and Neil Young Archives music services.
- Updated service logo for Radio Paradise, Napster, Calm Radio, and Deezer music services.
- Updated RADIO.COM's service name and logo.
- Updated Slacker's service name.
- Fixed Context Menu for Playlists.

Version 3.2.2 (released January 29, 2024):

- Added support for NAD M66.
- Added support for Cyrus Audio Classic Stream and Stream-XR.
- Added support for Pandora and Presto music services.

- Added Shuffle context menu.
- Added Shuffle and Repeat options for Now Playing queue.
- Added cover image for Presets.
- Updated Source override selection to trigger only when playing music services, not external input.
- Updated context menu of Favorites.
- Updated 'Add Preset' Context menu as per BluOS 4.0
- Updated external input source selection.
- Implemented device variables for event programming.
- Fixed 'Play Now' function in Context menu for Music Services.

Version 3.2.1 (released April 21, 2023):

- Fixed HUB input source not activating player streaming when selected.
- Added 'Play All' context menu for Library/USB artist and genre.

Version 3.2.0 (released January 19, 2023):

- Added support for Bluesound HUB, PULSE M, and POWERNODE EDGE.
- Added support for NAD C3050.
- Added support for PSB Alpha iQ.
- Added functionality to enable Bluetooth (Automatic mode) and disable Bluetooth.
- Added 'Auto Rename Player' to simplify changing player names.
- Fixed Device Specific command "Play Direct Input".

Version 3.0.8 (released March 11, 2022):

- Added support for Bluesound Professional BSP200 and B170S.
- Added support for NAD C700 and M10v2.
- Added Tunify mini driver.
- Added "Favorite To Room" for playlists, albums, stations, and tracks.
- Added "Play" context menu option to search results for radio station based mini drivers.
- Improved grouping logic when removing primary player in a group.
- Now Playing tracks now show all results.

- Improved SOUNDMACHINE search results.

Version 3.0.6 (released May 9, 2021):

- Added support for Bluesound NODE (gen3), POWERNODE (gen3) and SOUNDBAR+.
- Added "Play" context menu for My Playlists.
- Added Roon mini driver.
- Added SiriusXM mini driver.
- Do not include BluOS players in Composer media scan.

Version 3.0.5 (released March 25, 2021):

- Added support for Neeo Remote.
- Added driver info in user agent.
- Added context menu options to Amazon Music playlists.
- Player driver now handles fixed groups as a single player.
- Added new command for programmatic access to presets by player id.
- Fixed alphabetical listings for Local Library.

Version 3.0.4 (released June 23, 2020):

- Album view when using Local Library shows song details.
- Communication updates for NAD T778.

Version 3.0.3 (released February 28, 2020):

- Added player state variables for direct programming.
- Updates for long list pagination.

Version 3.0.2 (released February 5, 2020):

- Added support for NAD M33 and T778.
- Added support for Powernode 2i with HDMI.
- Added support for Bluesound Professional B100S, B160S, B400S and BSP125.
- Added support for Monitor Audio IMS-4.
- Added mini drivers for Amazon Music, RADIO.COM, Nugs.net and Idagio music services.

- Added mini drivers for SOUNDMACHINE, Custom Channels and Qsic commercial music services.
- Fixed problems with list pagination.

Version 3.0.1 (released September 9, 2019):

- Added Preset Up/Down to the button links.
- Added Preset Up/Down and Queue Shuffle On/Off/Toggle to the device specific command list.
- Updated “Play Now” command when using a long press on an album.

Version 3.0.0 (released July 3, 2019):

- Support for Control4 OS 3.0.
- Support for the NAD M10 BluOS Streaming Amplifier.

Version 2.9.1 (released July 2, 2019):

- Added button link for Play/Pause toggle.
- Stop Auto Room Off timer when music is playing in the same room.
- Added device specific command to play inputs directly.
- Added support for HDMI out.
- Support for new Radio Paradise music stations.
- Added ability to programmatically select inputs.

Version 2.9.0 (released January 28, 2019):

- Support for the NAD C658 BluOS Streaming DAC.

Version 2.8.9 (released December 19, 2018):

- Support for new Bluesound players; Node 2i, Powernode 2i, Pulse Flex 2i, Pulse Mini 2i, Pulse 2i, Pulse Soundbar 2i and Vault 2i.
- Support SOUNDMACHINE commercial music service.
- Improved support for SR250 and SR260 remotes.

Version 2.8.8 (released August 22, 2018):

- Improvements to Mute command.
- A Soundbar using optical input from TV in same room can now be stopped or paused.

- Ungrouping a secondary player no longer stops audio playback.
- Can now switch on a zone that contains a fixed group.

Version 2.8.7 (released June 20, 2018):

- Improved zone discovery with NAD CI580.
- Better overall performance by reducing communications overhead.
- Added grouping support through media scenes.
- Improved local sources browsing by updating local music browsing view.
- Added play queue paging to improve performance with large play queue's.
- Added Stop then Clear Queue to On Room Off options.
- Fixed problem where Soundbar could not be paused when on Optical Input from a TV in the same room.
- Removed Microsoft Groove mini driver. Service no longer available.
- Swapped debug levels Trace and Debug.
- NOTE: Director Reboot is required after installation.

Version 2.8.6 (released April 6, 2018):

- Add re-index command to player driver.
- Switching from TV to BluOS player in the same room no longer turns off the room.
- Changing a player name to another online player in the same network now automatically updates the zone driver.
- Improve performance for NAD CI580 players.

Version 2.8.5 (released Dec 5, 2017):

- Add save queue and clear queue options to Now Playing screen.
- Support 64 players in a single network.
- Stop stream and clear queue on Last Room Off.
- Local library albums can have duplicated songs.
- Play Now from play queue may not work.
- Progress bar does not stop progressing after player is powered off.
- Now Playing screen "Repeat On" and "Repeat Off" icons are out of sync with BluOS.
- Tidal Mini Driver "Play Now" command does not work when a track is already in the play queue.

- My Playlists mini driver cannot delete a playlist or set a playlist as a preset.
- Improve logic when playing multiple streams on multiple players simultaneously.

Version 2.8.1 (released July 27, 2017):

- Support new music service categories, like TIDAL Rising. Update music service browsing.
- Update "On Room Off" logic.
- Searching an artist right after searching another artist would give the same top tracks result as the first search.
- Prevent mini driver from ungrouping players when switching sources.
- Incremental volume up on flash navigators would not work.
- Improve loading of Spotify and Radio Paradise mini drivers.

Version 2.6.4 (released June 13, 2017):

- Updated player driver and zone network driver for grouping. No longer rely on current room.
- Improved compatibility with Control4 Matrix Amplifiers.

Version 2.6.2 (released Mar. 21, 2017):

- Added "Device Model" in player driver Properties.
- Updated device specific command in My Playlists mini driver.
- Removed mini drivers for Preset, Optical Input, and USB (because they are player specific).
- Fixed mini drivers not accessible when they are not installed in a room where a BluOS player is installed.
- Improved CI580 support for long player names.
- Added "PlayANNOUNCEMENT" and "LoadPresets" device specific commands in the player driver.

Version 2.6.1 (released Feb. 22, 2017):

- Improve player default volume setting when room is powered on.
- TuneIn and Slacker mini drivers no longer pop-up "Show Radio" action when not needed
- Add support for NAD BluOS products.

Version 2.6.0 (released Jan. 30, 2017):

- Improved connectivity when player switches from wired to wireless networking.
- Added commands for event programming.

- Added keypad DO\_CLICK command.
- Added playback control to keypad.
- Player connection recovers better from controller reboots.

Version 2.4.2 (released Dec. 20, 2016):

- Ensure player connection survives Control4 controller reboot.
- Added player checks in proxy commands to improve reliability.

Version 2.4.1 (released Dec. 12, 2016):

- Added permanent grouping support. Updated the behavior when removing a primary player from a group.
- Added pop-up window for Radio Paradise, Spotify, and Optical Input when the service is not available or enabled.
- Improved connectivity when player switches from wired to wireless networking.

Version 2.4.0 (released Nov. 23, 2016):

- Implement "Play Now" for local library albums.
- "Songs" in local library would not always load.
- Keypad volume is incorrect when decreased to zero.
- Add support for Bluesound Pulse Soundbar and NAD C1720.
- Some album art for TIDAL and WIMP was not appearing.
- Unable to load certain presets.

Version 2.2.0 (released Sept. 13, 2016):

- Improved TIDAL artwork management.
- Improved preset handling.
- Fixes for Play Now and playing songs from local library.
- Keypad no longer sets volume below zero.

Version 2.0.0 (released June. 1, 2016):

- Library artist->albums was only showing the last album.
- Add minimum required BluOS firmware version in Properties.
- Change play queue names to be Play Now, Add Last, Add Next.

- Add new context menus (Add Preset, Go To Artist, Go To Album, Add All Songs To Queue, Add Top Tracks To Queue).

Version 1.8.6 (released Mar. 6, 2016):

- Add support for Bluesound Node 2, Powernode 2, Pulse Flex, Pulse Mini, Pulse 2 and Vault 2.
- Add support for volume control ramping.
- Add section name after browsing artists, albums, songs, composers in local sources.
- Add "Play Now", "Play Next", "Add to Queue" for albums and songs.
- Add support to automatically switch the input when the audio input of a player is changed.
- Do not refresh pages when going back after browsing.

Version 1.8.1 (released Oct. 9, 2015):

- Updated sorting of music service names.
- Improvements to Play function for Qobuz, Napster and Rhapsody.
- Trigger playlist update when switching from on demand content.

Version 1.6.2 (released Sept. 29, 2015):

- Removed "Search" subtitle to work better with pre-populated search fields.
- Fixed pagination for local sources when there is an empty section.
- Added support for SR-250 MUTE button.
- Improved volume control responsiveness.

Version 1.4.1 (released Mar. 26, 2015):

- Initial public release.

## Notes

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- The latest certified driver is also available in the Control4 Composer application. Note that the Control4 certified version may not be the latest public release.
- The Control4 Director requires a reboot after any driver update.