



Introduction

These release notes are for the BluOS RTI drivers. These drivers can be used to control the following products:

- Bluesound NODE (gen1 and gen 3), NODE 2, NODE 2i, POWERNODE (gen1 and gen3), POWERNODE 2, POWERNODE 2i, POWERNODE 2i w/HDMI, PULSE FLEX, PULSE FLEX 2i, PULSE MINI, PULSE MINI 2i, PULSE, PULSE 2, PULSE 2i, PULSE SOUNDBAR, PULSE SOUNDBAR 2i, PULSE SOUNDBAR+, VAULT, VAULT 2 and VAULT 2i.
- NAD M10, M33, M50, M50.2, C658, CI580 and CI720.
- NAD C390DD, M12, M32, C368 and C388 (with optional MDC BluOS card).
- NAD T757 and T758 (with optional VM130 card and license).
- NAD M15HD, M17, T175, T187, T755, T765, T775, T777, T778, T785 and T787 (with optional VM300 card and license). NAD T778.
- Bluesound Professional B100S, B160S, B400S, BSP125, BSP200, BSP500 and BSP1000.
- Monitor Audio IMS-4.

Dependencies

- Requires BluOS v3.14.20 or higher.
- Requires RTI Integration Designer v9.14 or higher. RTI Integration Designer Apex v10.4.11 or higher.

Change Log

Version 2.24 (released June 29, 2021):

- Added support for Bluesound NODE, POWERNODE and SOUNDBAR+.
- Added support for NAD M33 and T778.
- Added support for Monitor Audio IMS-4.
- Added configurable maximum http requests, to help reduce processor load with large systems.
- Added pagination for play queue after 50 items.
- Fixed cover art display issue on remote RTiPanel.

- Added Presets in services list as an alternative to browse presets.
- Added driver info as user-agent for client identification.
- Added Preset Names feedback for the first 10 presets.

Version 2.20 (released Jan. 8, 2020):

- Added support for NAD M10.
- Added support for Bluesound Professional BSP125, B100S, B160S and B400S.
- Added preset previous and next commands.
- Updated mute handling logic.
- Added title, artist and album display for play queue tracks.
- Updated access to inputs with SetDirectInput().
- Fixed the loading of radio presets from the RTI driver.
- Improved player connection to the RTI controller.

Version 2.18 (released Jan. 16, 2019):

- Added support for Bluesound gen2i players.
- Added support for NAD C658.
- Expanded input selection.

Version 2.16 (released Aug. 17, 2018):

- Full integration with RTI Integration Designer APEX.
- Implemented new BluOS API Browse command, for faster performance and smaller memory footprint.
- Improved mute command functionality.
- Fixed issue where search would not appear in Playlist categories.

Version 2.14 (released Mar. 28, 2018):

- Added support for all NAD BluOS players.
- Improved performance with NAD CI580.
- Changed driver name from Bluesound to BluOS.

Version 2.12 (released Mar. 7, 2017):

- Supports NAD M50.2.
- Fixed player discovery issue with large number of players and long player names.
- Improved volume slider response when controlling grouped players.

Version 2.10 (released Feb. 21, 2017):

- Driver now supports up to 64 players on a single network.

Version 2.9 (released Jan. 30, 2017):

- Songs mixed with folders under “USB/Folders” can now play.
- Songs with special characters in the name (such as “É” and “Ç”) are supported.

Version 2.8 (released Jan. 4, 2017):

- Volume Down command issued from system macro does volume up.
- Can't trigger player events from BluOS app after RTI system reboot or driver update.

Version 2.7 (released Dec. 22, 2016):

- Added multi-language support in designer for all music services.
- Improved grouping performance.

Version 2.6 (released Oct. 7, 2016):

- Added support for Bluesound Pulse Soundbar and NAD CI580.
- Improved grouping performance.
- Updated SHIFT key on keyboard to have three states, none, shift and shift lock.
- Updated commands for playback control, volume control, and load preset to be triggered from within an event.
- Removed events for selected player to avoid confusion.

Version 2.4 (released Aug. 23, 2016):

- Improved audio scan forward and scan backwards.
- Volume up and down now works when player is muted.
- Controlling Events has been improved.

Version 2.2 (released July 29, 2015):

- Added music service search.
- Ability to save the play queue.
- Can now retrieve driver info.
- No longer displays a zero to the left of the now playing progress bar when no music is actually playing.
- Increased timeout for players that are removed and re-added to the network.

Version 2.0 (released June 28, 2016):

- Added support for player grouping.
- Added support for Calm Radio.
- Added control to enable or disable player discovery.
- Now able to change volume or browse a player when the player is accessed by multiple interfaces.
- Removed duplicated “Play Now” action.

Version 1.6 (released Apr. 15, 2016):

- Sample interfaces iPad, RK1+8 button in-wall keypad, and Virtual Panel.
- Automatic discovery of players.
- Added presets, play queue, and individual streaming service browsing.
- Added metadata retrieval.
- Support analog and optical inputs.
- Added player events (play, pause, stop, volume up/down, mute on/off).
- Added player notifications (e.g. firmware upgrade or streaming error).
- Able to switch between RTiPanel and the BluOS mobile app.

Version 1.4 (released Mar. 15, 2016):

- Initial public release.

Notes

- Drivers and release notes are also available on the RTI Forums at <https://forums.rticorp.com>.