BluOS™

Introduction

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

Dependencies

- Requires BluOS v4.2.0 or higher.

- Requires RTI Integration Designer v9.21 or higher. RTI Integration Designer Apex v10.13.3 or higher.

Change Log

Version 2.34 (released January 18, 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 support for Source Input name change.

- Fixed secondary player volume adjustment in a fixed group.

- Updated Direct Input source selection as per BluOS 4.2.

Version 2.32 (released August 31, 2023):

- Fixed Now Playing metadata not updating properly and external input from Services list unable to play.

- Fixed unable to play HUB Phono input.

- Fixed volume control for master player in a normal group.

- Added microphone input for B100S, B160S, B170S, and B400S.

- Changed minimum volume step from 2dB to 1dB.

Version 2.30 (released February 14, 2023):

- Fixed Device model list to be supported by RTI database.

Version 2.28 (released January 23, 2023):

- Added support for Bluesound HUB, POWERNODE EDGE, PULSE M.

- Added support for NAD C3050, M10v2, C700, C389, C399.

- Added support for PSB Alpha iQ.

- Added support for Roksan ATTESSA.

- Added capability to activate all players upon discovery. No system macro/event to "Select Player by Name" is required anymore.

- Added album art in Browse List when using APEX11.

- Added function to enable/disable Bluetooth.

- Added ability to delete a local playlist.

- Now display a preset Image for the first 10 presets.

- Added function to return to the beginning of Service Browse Menu.

- Added support for Fixed Groups and updated Fixed Grouping handling.

- Updated pagination when browsing.

- Fixed feedback issue for System variables in Diagnostics.

- Fixed driver reboot issue when doing Ungroup All while playing music.

- Updated Love and Ban transport buttons.

Version 2.26 (released February 8, 2022):

- Added support for Bluesound Professional BSP200 and B170S.

- Expanded language support to include Spanish, Korean, Hungarian, Japanese, Chinese Simplified and Chinese Traditional.

- Updated Clear Queue to refresh UI.

- Updated direct input selection.

- Improved memory management.

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.