

Release note for 2.4.1 Release Candidate

Notes

As this is a Release Candidate, please be mindful of any issues or bugs. Please report any feedback to support@blacktrax.ca.

Motive Dongle Date Requirement:

January 4th, 2018

Major changes:

- Zones over RTTrPM
- Multi-Select for Chapters Settings
- Chapter Fade Time is now displayed as it counts down
- Beacon Patch/Live View have a new visible status border around each Beacon
- Performance improvements to Fixture Calibration
- Improved handling of inverted Fixtures

Known issues:

- Floating widgets may reset their size if the missing NIC pop up appears while opening a Portfolio

Firmware Package Date:

November 2018

Build Numbers:

BlackTrax: 2.4.1.12198

BTWYG: 2.42.52.206

Motive: 2.0.1.1.38436

Server Version Requirement:

July 2016

Device Manager Compatibility:

2.4.0

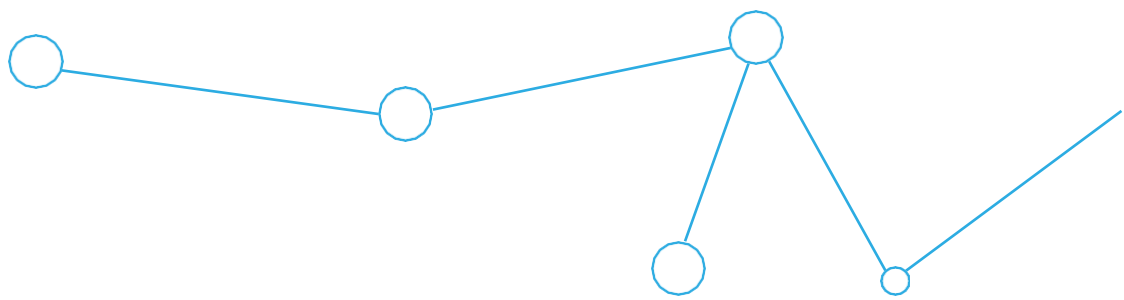
Compatible with RTTrP Versions:

6

1.8.3

1.8.7

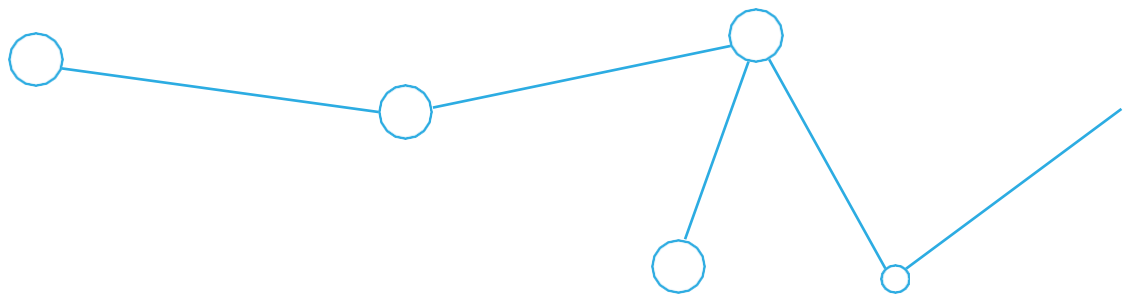
2.4.1



Features and Fixes:

Bug

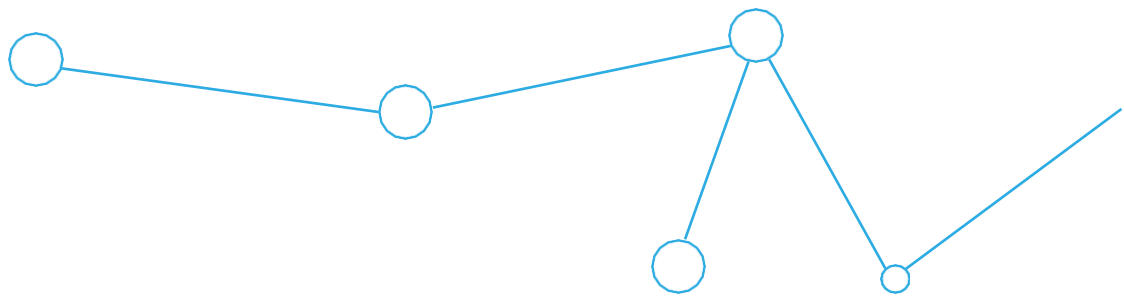
- *Fixed: BlackTrax would crash if you entered a Chapter in a Book that is a higher Chapter number than any other Book*
- *Fixed: BlackTrax would crash if you tried to select a Book or Chapter that was deleted in Edit View, but not applied to Live View*
- *Fixed: Deleting the last Chapter in the list would sometimes cause BlackTrax to crash*
- *Fixed: Beacons added via Simulator or radio would have the wrong LED ID codes*
- *Fixed: It was sometimes possible for sACN projects to be opened with a universe of 0, resulting in Book and Chapter control features not functioning*
- *Fixed: Smooth Pickups would not snap the fixture off if coming from the standby Chapter first*
- *Fixed: Fixtures would flash on for a second between Chapters if the Fixture was assigned to a different Zone, but still set to douse out*
- *Fixed: Fixtures would restore intensity if the Chapter was changed during a pan-flip; now the Fixture completes the pan-flip with the settings as defined in the previous Chapter and then assumes the new Chapter's settings*
- *Fixed: When releasing to the console, the Fixture will no longer perform a pan-flip after reaching the console position; it will perform a pan-flip as it releases to the console*
- *Fixed: Blank rows could appear in the Chapter List depending on selection order between Chapters and Books*
- *Fixed: When first opening BlackTrax, Chapter move, delete, and duplicate buttons would be disabled*
- *Fixed: Fixture Settings would not appear for the selected Fixture when changing Books without changing Chapters first*
- *Fixed: Pressing CTRL+A in the centre area will now also select a Fixture or Trackable as the active selection*
- *Fixed: Renaming a Trackable from the WYG Trackable name would cause selection to look incomplete in the Centre Area*
- *Fixed: Changing Trackable Settings would sometimes result in the Trackable becoming deselected*
- *Fixed: Trackable Settings would not display anything if several Trackables were selected, even though an active Trackable would be selected*
 - **Note:** Multi Trackable selection does not affect applying settings to several Trackables at once
- *Fixed: Trackable Settings would retain the previous selection for the X, Y, and Z offsets for Dynamic Zones when moving your mouse to another input box*
- *Fixed: Duplicate Group names wouldn't log the message as an error, meaning it could be missed if Messages was set to only show warnings and errors*
- *Fixed: Creating a new Fixture Group that contains the same Fixtures as another Group would sometimes result in the old group being overridden*
- *Fixed: Moving several LEDs at once in Frame LEDs would re-order the list incorrectly*



- *Fixed: Performance issues with a large number of fixtures in Fixture Calibration Mode being assigned at once*
- *Fixed: Fixtures would not always release correctly in Fixture Calibration Mode when a Beacon was unassigned*
- *Fixed: Several error messages instead of just one would be logged in Messages if a Fixture was trying to be controlled in Calibration Mode without Follower running*
- *Fixed: If a widget was left in a floating state, and BlackTrax was rebooted, the floating widget would appear with the Portfolio Manager incorrectly*
- *Fixed: The wrong Portfolio may be opened if special characters were in their name*
- *Fixed: If a browse menu is trying to open the last used folder, and that folder no exists, the browse menu will default to the user folder*
- *Fixed: Hidden files were shown in browse menus; hidden files now only show if they are enabled in Windows*
- *Fixed: Output Raw Position would be hidden if switching between outputs in Output Configuration that had mis-matching settings for Acceleration and Velocity*
- *Fixed: Output Configuration would default to the wrong Sending Trackables tab; now attempts to return to the last selected tab*
- *Fixed: Switching between two outputs that have mis-matching 'Send Trackables' settings could result in extra blank rows being added to the Sending Trackables table*
- *Fixed: System Status would still display as connected when an RTTrPM output was disabled*
- *Fixed: BTWYG would not send Zones to BlackTrax if the Zone was mirrored*
- *Fixed: In large show files the text floating next to an LED or Centroid would display far away from the LED or Centroid itself*
- *Fixed: BlackTrax System Update would sometimes report as BlackTrax failing to install, even though it did work*

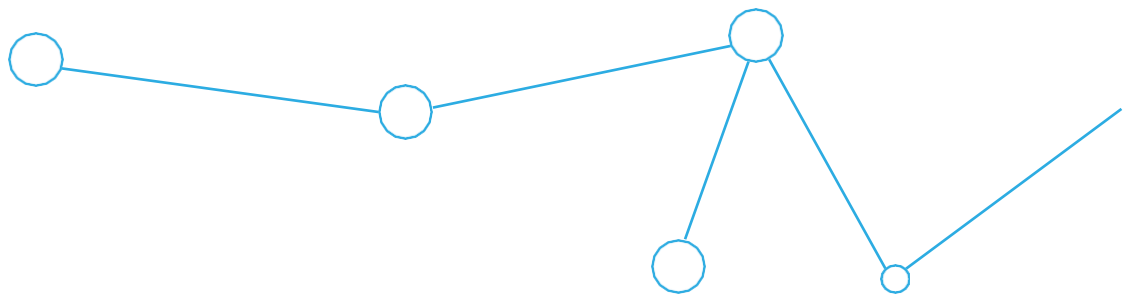
New Feature

- *Zones over RTTrPM*
 - *A new checkbox is under Output Modules in System Configuration called 'Zones' (enabled by default)*
 - *When enabled, a new module is sent via RTTrPM*
 - *Static and Dynamic Zones collisions are sent over the protocol*
 - *When a Trackable or Beacon collides (is inside) a Zone, that Zone will be sent as part of the Zone Collision module; if a Zone is not listed assume that the Trackable is not colliding with that Zone*
 - **NOTE:** *As a new module has been added to the protocol, please ensure the third party has written support for the Zone Collision module; please contact CAST or the Third Party for additional information*
- *Multi-Select now works for Chapters Settings*
 - *Selecting multiple Chapters at once allows the editing of all their settings at the same time via the Chapter Settings widget*
 - *A light blue chapter indicates active (displayed settings) settings and dark blue indicates selection*



Improvement

- *Z-Damping has a more adaptive and responsive history system*
 - *Previously, long Z-Dampening times would result in Z-Dampening failing to work; this is no longer the case*
 - *Z-Dampening would not work until the time set has elapsed, but now it will learn and slowly adopt until the time has been reached and then continue to use the time as its history/buffer size*
 - *This results in Z-Dampening being smoother, working faster, and being able to continue working even when motion is temporarily lost*
- *Re-factoring of Zone entering and exiting Chapter logic*
 - *Zones will now try to use the previous Chapter's Zone Fade Times to complete if the Chapter was changed mid fade*
 - *If the previous Chapter's Zone Fade Time doesn't apply (Zone is disabled for example) then the new Chapter's Zone Fade timing is used*
- *Several improvements to inverting fixtures*
 - *After changing a Fixture's inverted status, Apply Changes must be pressed*
 - *Fixture Calibration will no longer care if the Fixture is inverted or not and should not invert the fixture after calibration is finished*
 - *Fixtures update correctly when the inverted status comes from BTWYG*
- *Zoom and Iris control will now only apply to the Fixture(s) in Calibration Mode if the Fixture is either assigned to a Beacon or is in 'Pan/Tilt Sliders' Control Mode; all others are released to the console*
- *The Beacon LED not visible pop up is now logged as an error in Messages, in Calibration Mode; this allows you to see how many times the LED was not seen*
- *Chapter fade time now is displayed in Live View's Running Chapter widget as well as the status bar*
 - *Running Chapter's cell will highlight yellow as a fade is in progress*
- *It is now possible to Apply Changes with an empty Beacon list*
 - *A warning will now be displayed instead of an error*
- *It is now possible to use CTRL+A in the Edit Chapters widget*
- *Filtering by calibrated status in Edit View's Library widget will now respect the selected Chapter's Calibration Preset (if several Chapters are selected then all Fixtures calibrated across all Presets will be shown)*
- *Unified selection methods for multi-selection; left clicking will isolate the object and deselect all others and right click will change the active selection while keeping the current selection group (works for Chapters, Trackables, and Fixtures)*
- *System Status now displays sACN universes subscribed*
- *Installer now force closes running BlackTrax applications during install and upgrade if found*



Design Review

- *Beacon Patch and Live View now display a colored boarder around the Beacon indicating if it is visible or not*
 - *Blue is visible, red is not*
 - *An easier and more obvious way of seeing Beacons' visible status quickly*
- *Fixture Settings' tabs will always be visible now, even when the widget is collapsed*
- *Several Chapter changes will now be combined into a single undo item in the Undo Stack if the changes happen within 1 second of each other*
- *Trackable Settings' text is now aligned with Fixture Settings when there is no active Trackable selected (middle aligned instead of top aligned)*
- *Updated tooltips in Fixture Settings*
- *Browse menus now default to detail view*
- *BlackTrax System update now moves farther to the top left of the screen to prevent overlapping with main installers*