

# Nexus DSC Pro firmware/catalogues releases

1.1.29 released 18<sup>th</sup> of September 2023

## **Firmware and catalogues**

**Firmware date: 2022.09.18**

### Changes:

- Added support for AZ100 mount drive system
- Changed 'Select List' to 'List' in Find->From Observing List mode)

### Bug fixes:

- Fixed a problem with disappearing status line in the top right corner of the display (time, battery, GPS, WiFi)

**Catalogues: ADCATS.BIN version 1.1.7**

### Changes:

- Updated all double star catalogues
- Updated all open cluster catalogues to fix a problem with observing lists

1.1.18 released 17<sup>th</sup> of November 2022

## **Firmware and catalogues**

**Firmware date: 2022.11.17**

### Changes:

- Updated menu icons
- Changed the order of encoder steps in Settings->Telescope->Adjust – now the order is Altitude/Dec encoder steps then Azimuth/RA encoder steps; the same order is in Settings->Telescope bottom line
- Added three alignment methods: one star, two stars without altitude reference and three stars
- Changed reporting of alignment status for the two star alignment
- Added a mode to display current telescope position in equatorial and horizontal coordinates (Find->Telescope Position)
- Changed to show all catalogues in alphabetical order
- Implemented additional handling of LX200 commands for compatibility with Stellarium Mobile
- Added handling of GOTO commands from Stellarium for Desktop
- Improved handling of AZ-EQ5/6 and AZ-GTi mounts
- Changed to use the currently available orbital elements from MPC
- Added a test mode for display
- Changed handling of modifying of Serial/USB port parameters to take affect without a need to power cycle the unit

### Bug fixes:

- Fixed a problem with sound playback
- Fixed a bug with displaying parameters of double stars
- Fixed a bug in MPoint – when updating already added object it was adding a new one instead
- Fixed a bug with setting slew rates to ServoCAT when using a planetarium application
- Fixed a bug when incorrect target coordinates are returned when using LX200 protocol
- Corrected to return a valid alignment status through LX200 protocol
- Fixed an issue when the keypad backlight brightness was not restored when the ESC was pressed

**Catalogues: ADCATS.BIN version 1.1.5**

Changes:

- Updated all double star catalogues
- Updated observing logs from Steve Gottlieb

1.0.2 released 20<sup>th</sup> of February 2020

Initial release