

Spektrum™ AirWare™ Change Log

2016-November-15

Version 1.01

Changes since 2016-February-05

Special Note

- In the Telemetry menu, some sensors may not be reported properly on the display or audibly after updating. If this occurs for you, please remove the sensor from the Telemetry list, then re-add it using the Auto-Config function on the Setup sub-menu. *If you made this change to your model since October 2015, you do **not** need to make it again.*

New Features & Improvements

- Forward Programming has been enabled.
- Auto-Config is now on the first Telemetry menu, making it easier for people to configure their telemetry systems.
- Changed the default Multi-Rotor type from Aerial Photography to FPV Racer mode.
- It was not possible to force DSM2 or 22ms binding modes in the previous version. This has been corrected. (Non-EU only).
- The Timer system now includes the ability to have switches other than CLEAR button to reset the timer(s) separately.
- Analog and Digital Switch Setup screens were moved to the Function List for radios which have those functions in them.
- When transmitter low voltage is warning, it displays the current voltage to allow you to understand the situation better.
- Complete telemetry support for Alpha-6, generic Gyro, and 6-cell and 14-cell LiPo sensors.
- Complete support for user-defined telemetry sensors per the Spektrum Telemetry specification document.
- Model Match Override allows multiple transmitter models to share a common Model Match ID. This should be used with extreme care, as it disables one of the big benefits that Spektrum has to offer. This is available by selecting NEXT on the Frame Rate screen.
- When assigning channels in Multi-Rotor mode, Flight Mode-based changes are now supported when the Aircraft Type is not FPV Racer. FPV Racer is a new option available.

- You may now suppress the “Sequence Reset” message when using the Stepping Events. This is found on the screen where you are adding/editing an item in the step list.
- Added support for new telemetry receivers with signal strength feedback. This shows as either a dBm or percentage (you select which in Telemetry Flight Log setup screen). This strength is shown on appropriate telemetry screens and during Range Test, where it can be useful for locating lost models.
- For Multi-Rotor models, the high-speed (11ms) channels are THRO, AILE, ELEV, and RUDD. For other model types AUX1 replaces THRO.

Corrections

- NOTE: Generic Switch Report settings may have changed. Please verify them! If you are hearing invalid speech for them, you may erase all by pressing the CLEAR button while on the BACK icon on the Generic setup screen.
- Timer Expiration sound was not properly volume-limited (speech radios only)
- Improved system update process to reduce the chance of System Failure messages after an update.
- Channel A/B Warning values were exported as the Throttle warning point instead of as Channel A/B thresholds when using the Inside/Outside alarms. This means that models exported in earlier versions will import incorrectly, and will need to be modified manually. After exporting with this version, they will be retained properly. This applies to Acro, Sail, and Heli models. Multi-rotors were exported correctly.
- Center reports are no longer reset to defaults on power-up.
- The timer Start/Stop tones were changed from the Switch Sound category to the Timer Sound category because they are controlled using the Timer menu.
- When changing the Throttle Trim Setup to 2-/3-position mode, trims are reset to valid values instead of going to invalid extremes.
- Channel warnings could show large negative numbers in certain warning conditions.
- Improved ability to withstand attempted use of bad SD cards. Previously these could lock up a radio, requiring disconnection of battery to recover.
- Changing a 2-/3-pos trimmer will no longer allow invalid trim values.
- When moving a Gyro function to a different receiver channel, it now moves as it should.
- Corrected an import/export issue with “Inside” and “Outside” warning types not functioning correctly.
- “Inside” and “Outside” now alarm properly for general Channel alarms.
- Some blinking boxes on the Timer screens were repositioned correctly.
- Translation and spelling changes in assorted screens.

Audio System Changes

- For all languages please use Sound version 1.09
- Version 1.09 adds speech for several new sensors (LiPo Monitors) and Autonomous Mode for GPS-enabled models.
- Turbine Pack Voltage is now reported correctly. Previously it was reporting the Pump Voltage, and at 10X what it should have been.

Sound downloads are always at this link:

<http://spektrumrc.cachefly.net/TransmitterSounds.html>

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This version simply disables the “please register” nag screen.