DX8 Spektrum™ AirWare™
Change Log

Version 1.04

Software Upgrades

- **Trim Center Pause –** When adjusting the trims through center, the pause was lengthened to allow the center position to be more easily accessed.
- **Knob Center Tone –** When adjusting the knob, it generates a "center trim" tone as it rotates through center.
- **LiPo Battery Verification –** Attempting to change the battery type in the Extra Settings screen from NiMH to LiPo will not be allowed until a LiPo battery is installed. This prevents the user from mistakenly selecting the LiPo battery voltage cutoff with a NiMh battery installed.
- **Frame Rate Defaults to 22ms-** The Frame Rate now defaults to 22ms rather than 11ms. This prevents analog servo compatibility issues in the default mode.
- **AirWare Auto-Update –** To guard against inadvertently downgrading the radio's AirWare, after installing version 1.04 or higher the system will rename the update file to prevent it from auto-loading in the future.
- **Startup Screen –** The startup is changed so that no inaccurate "No RF Link" warning is displayed.

Software Corrections

- **Heli Mode Trainer Button –** if the Trainer button was assigned to a channel in the Switch Select screen, the channel was inactive.
- **Flap Trim –** When a Flaperon wing type was selected and the right or left trimmer was assigned to flap trim, the trim was mixed as ailerons instead of flaps. It was also not possible to deactivate flap trim once selected.
- **Acro Throttle Curve –** Pressing the CLEAR button could allow the displayed throttle curve to not match the values entered numerically.
- **German Timer –** The prompts for the German-mode throttle-based timer controls were renamed so as to be more intuitive.

  Throttle = Gasstellung
  Throttle 1-time = Motorstart
  Throttle Out = Motorlaufzeit

Version 1.03

Software Upgrades

- **Heli Servo Travel Adjust –** In heli mode, it is now easier to set up the swash endpoints using the Servo Travel screen. The travel limit box remains on the last value that was highlight by the stick position. Centering the stick and pressing clear returns to highlighting both values.
- **Enhanced Telemetry Status Screen –** A new "All-in-One" telemetry screen displays Timer, RPM, Battery Volts, Temperature, Rx Volts, Frame Losses, and Holds.
- **Telemetry Auto-Display –** An Auto option in the Telemetry Settings screen will automatically advance from the main screen to the above Enhanced Telemetry screen when the timer is activated and telemetry data is available. The roller can then be used to access any of the telemetry or main screens.
- **SD File Navigation –** On the SD file navigation screen the BACK button now operates the same as selecting the <BACK> file.

Software Corrections

- **Heli Mode Mix Issue –** In the previous version, mixing to certain channels would cause no travel.
- **Differential issue-** In airplane mode when any dual aileron wing type was selected and a mix was created with the left aileron as a slave (crow mixing) adding differential could cause servo output errors on the aileron channels.
- **Model Save Corruption –** If there was an error while exporting a model, it could go undetected and unreported until reading the file back in.
- **Heli Bind Issue –** If a model had Expo enabled on all throttle and pitch curves, it would not bind. This is corrected.

Version 1.02

Software Corrections

- **Heli Mode Model Memory Issue –** In previous software versions, changing the channel in the Gyro or Governor screens from the default setting to any other channel would cause the model memory to default to Model #1.
- **Heli Mode Limited Trim –** Throttle Trim didn't work below ½ trim.
- **Direct Model Access 10-Second Timer –** In some instances, the 10-second time-out function for direct model access was applied to other screens after Direct Model Access was used.
- **Improved Flap Switch Selection –** In Airplane mode, flap switch selection could be in conflict in the Flap System Screen and in the Switch Select Screen. In version 1.02, the flap switch selection is in the Flap System Screen.
- **Center Trim Position Mark –** Version 1.02 locates a trim tick-mark next to the trim graph at center trim, allowing convenient reference when the cursor is near center.

Version 1.01

Software Upgrades

- **"Throttle Out" timer activation** – In the timer screen, Throttle Out has been added to the timer start options. When selected this mode uses the throttle servo output position to activate the timer rather than the throttle stick position. This is ideal for electric helicopter use as the timer can be paused when the output throttle position is at idle even though the stick may not be at low stick (like during an autorotation) plus the timer won't turn off when doing full negative pitch maneuvers in stunt mode. **MIX** and **GEAR** switches have also been added to the list of available timer switches.
- **Throttle Reverse Confirmation** – In the servo setup screen, when reversing the throttle servo, a confirmation screen is now displayed requiring a second step (confirmation) before servo output is reversed.
- **SD Card -** improved support for low-capacity cards.

Software Corrections

- **Throttle Curve Switch** (airplane mode only) - the user-selected switch in the Throttle Curve screen in airplane mode only was always assigned to the Flight Mode switch. This function is now corrected.
- **Multi-Mixes with a Common Slave Channel** - if a user had two or more mixes programmed to the same output channel, only the higher-numbered mix would be active.
- **Mix Trim-Include –** In some mixes trim include was assigned to the wrong trimmer in certain circumstances.
- **Internal Timer –** In the timer screen the internal timer for each model was not accurately calculated.
- **Trim Steps -** When trim step sizes were changed in the Trim Setup screen, values higher than 6 would cause the trim range to decrease.
- **Shifting Screen -** When selecting NiMH vs. LiPo battery, the bottom half of the screen would shift up or down 1 line.
- **Translation Errors -** in French, Italian, and Spanish, the "Model Selection" menu optio was named "Special Features" and not translated.
- **RPM Telemetry -** The displayed value for the RPM was unstable when using the brushless motor sensor. Also a phantom RPM was sometimes displayed when dashed lines should have been displayed (no recent RPM reading). A filter was added to stabilize the RPM readings.
- **BNF File Import** - properly supports multiple languages now.
- **Servo Travel Adjust-** When editing Servo Travel Adjust, pressing CLEAR would cause the channel reverse to be defaulted to normal.