

### Version 2.01A.14

#### Corrections & Improvements

- Fixed issue where Frame and Hold telemetry settings weren't being saved when using languages other than English
- Fixed issue where the use of Sequencers was causing the Channel Assign screen to crash

### Version 2.01A.13

#### Corrections & Improvements

- Updated the Gear functionality in the following areas:
  - Removed the Gear Setup Screen.
  - Channel Assign screen allows editing of the Gear function's control switch. In v2.01 this was shown as dashes, and you would need to use the Gear Setup screen to configure it.
  - New Acro and Sail models will automatically default the Gear channel to 5 or 13 depending upon Wing/Tail type selections. You may use the Channel Assign screen to move it elsewhere if needed.
  - Except Multi-Rotor, if you want to later enable Gear you may do so by assigning it on the Channel Assign screen and configuring with the switch (defaults to A) that you want to use.
  - Helicopter model does not create default Gear settings within a new model. You may use the Channel Assign screen to select the gear option if you want to use this feature on a channel.
  - Previous Helicopter models that used gear channel naming will now show as the AUX channel it was assigned to.
  - Multi-Rotor does not support the new Gear function. If you need a channel named Gear, you will need to use the Servo > Name function to create this on any Aux channel.
- Gauge Panel Configuration screen no longer crashes when Multi-Engine or Multi-Cylinder telemetry is configured.
- Analog Switch Setup screen now applies values when they are configured.
- The keyboard is no longer displayed erroneously on the Combo and Logical Switch Setup screens.
- On Servo Travel screen, values stay locked after hitting Reset or Cancel.
- Column alignment has been fixed on side monitors displayed on screens such as Throttle Cut and Flap System.
- System Configuration menu now requires RF off for entrance and changes.

# iX Spektrum™ AirWare™ Change Log



**2025-Apr-15**

- Fixed an issue where RX Voltage alarms weren't triggering in some cases.
- Fixed handling of Programmable mixes on models that are imported from iX12 or DX radios.

### Version 2.01.07

**NOTE:** This updated change log has been modified to improve clarity regarding the new Channel Assign and Gear Setup functions. Please review those sections below.

#### New Features

- The new “Channel Assign” screen combines the functionality of the previous Channel Assign & RX Port Assignment screens into one. Also adding frame rate/resolution information for each channel. Making this screen more intuitive and informative.
- Channel functions named Aux1, Aux2, etc. in previous versions have been renamed to Aux 5, Aux 6, etc. where the number by default matches the channel number. This improvement makes the matching of receiver ports to the Monitor screens much easier.
- Added new “Gear Setup” screen.
  - You can configure your retract switch, channel, and output positions using this screen.
  - This section does not apply to helicopters, as they do not have a default gear channel.
  - If you need multiple channels driving the retracts, you can now select the “Gear” function on the Channel Assign screen to assign it to the channel you desire.
  - Channel 5 will continue to provide default operation using Switch A in default models.
  - If you are using channel 5 for any auxiliary function, please review the following information:
    - If channel 5 is driven by an analog input (slider, knob, other function) or a 3-position switch or inhibited, you do not need to do anything. The update will name this position as A5 or Aux5. Please confirm operation before flying.
    - If you have a 2-position switch on channel 5 being used as a non-gear function, you need to
      1. Go to the Channel Assign screen and change the “Output” back to “Aux 5”
  - If you have a 2-position switch on channel 5 being used as a gear function, you need to
    - If you have used Digital Switch Setup to change the endpoints of the switch, you will need to copy those new values to the Gear Setup screen.



- For new systems changed the default from double tap to single tap for bringing up Sleep dialog. Current user will be given the option to change if their option is still set to double. If changed to single prior to this update no changes are made.
- Re-organized telemetry menus. The “Telemetry” menu now contains only the sensor configuration menu. A new “Telemetry Settings” menu was added that contains all other telemetry related settings.
- Gauge Panel Setup and Dashboard Panel Setup were combined into a single Panel Setup screen. A new Text-based Gauge was added so that all telemetry panels are now configured the same way through the same screen.
- Adjusted how warnings for Frames and Holds work so that they can re-trigger as the values increase
- Added BNF Model File templates for recent releases
- Added support for Digital Air, Multi-Engine, Mult-Cylinder, and Fuel telemetry sensors
- The preflight checklist now auto-scrolls when items are off the screen.
- Added support for Smart Transmitter File downloads of Helicopter models
- Logical Switch Setup and Combo Switch Setup screens have been redesigned to include a list of all switches and a summary of how each is configured.
- Trim label on Dashboard screen is changed to X-Trim, in red, when Cross Trims are in use by a model

### Corrections & Improvements

- Default wording changed for various voice callouts to aid in text to speech understandability
- A unique name is now assigned when creating a model from a template
- Updated wording in forward programming screen for re-booting
- Fixed issue where Warnings Screen could become hidden
- Fixed the title in the File Settings Mode pop-up menu
- Fixed bug in Logical Switch screen where values were being reset in certain scenarios
- Updated text resizing in text-based telemetry panel cells to make values more readable.
- Trainer FPV screen now allows you to select all channels that are available.

### Version 2.00.13

#### New Features

- iX20 features added to iX14
  - Increased to 20 Channels
  - On the fly adjustments (OTF) of mixes, etc.
  - Hi Precision Mixing / 0.1% Mixing
  - Origin Mixing
  - Elevon with Canard
  - Multi-Engine
  - 24 Curved Mixes / 8 Sequencers
- Smart Transmitter File support functions
- 14@22ms Servo Mode automatically selected when binding to a 14-channel receiver that supports it
- Added an option to delete multiple models at one time
- Redesign of Telemetry menu, now called Telemetry Utilities.
- Updated the handling of Turbine Off Condition Status
- X-Plus Enable field was removed from the Frame Rate screen. X-Plus visibility is now controlled by the monitor channel count selected in the Model Details screen for a given model.

#### Corrections & Improvements

- Sailplane mode AS3X/SAFE now functions correctly for V-Tail B models. Previously the yaw response was reversed.
- German translations have been improved on several Forward Programming screens.
- Improved telemetry processing to avoid extraneous digits being displayed or spoken.
- Update Digital Switch Assignment screen to properly handle servos that are assigned to control surfaces

**2024-Apr-15**

## **Version 1.21.07**

### **Corrections & Improvements**

- Fixed bug dealing with duplicating the active model

## **Version 1.21.06**

### **New Features**

- Support new PowerSafe features which utilize AS6000
- Support new PowerSafe "fast boot" alarm generation
- Support in Sleep Mode screen for putting new PowerSafe receivers into sleep mode
- Support Smart Battery data from new PowerSafe receivers
- Added Servo Cyclor as new default Sequencer
- Added the ability to adjust the output values associated with the positions of Logical Switches

### **Corrections & Improvements**

- Updated default values for Heli, Sail, Multi OTF Ranges (iX20 Only)
- Fixed rare crash when entering RX Port Assignment screen
- Fixed rare crash in Sequencer screen
- Corrected issue on Servo Travel screen when values are locked
- Corrected behavior on Servo Travel screen when servos are reversed
- Updated default values for Flight log warnings
- Corrected behavior with TIMER\_MIN macros that were not accounting for translations

# iX Spektrum™ AirWare™ Change Log

2023-Nov-21



**iX20 Version 1.10.11**

**iX14 Version 1.02.11**

**iX12 Version 1.20.11**

## **New Features**

- Support for Spektrum Sky™ Remote ID
- Telemetry warning added for Turbine Max Pump Voltage
- New BNF model files added for new releases

## **Corrections & Improvements**

- Taileron differential is now properly mixed to control surfaces
- Trim values are now processed properly when switching between flight modes for Aileron wing types (iX20/iX14)
- Updated regulatory screens (iX20/iX14)
- Turbine status messages are now properly displayed
- Dashboard screen properly orders telemetry screens to be displayed when gaps exist in the telemetry configurations
- German translation improvements
- Airware no longer crashes on Motor Curve screen when motor input is invalid
- Smart Battery telemetry now handles 0 Cycle data correctly
- "No Data" in ESC telemetry now handled properly
- RX Port Assignment screen updated to properly handle invalid data (iX12)



**iX20 Version 1.09.07**

**iX14 Version 1.01.05**

**iX12 Version 1.19.02**

### **New Features**

- New BNF Model Presets added
- Added support for Combo Switches outside of mixing (iX20/iX14)
- Added support for Logical Switches (iX20/iX14)
- Programmable Mix names can now be edited
- The battery icon on AirWare dashboard now shows an indicator when charging
- The Product Information screen now has a button that will launch the Play Store app and display the AirWare app page
- LT/RT/LTT/RTT can now be assigned as stick trims (aileron, elevator, rudder and throttle)
- Trimmer switch setup has been moved from Digital Switch Setup to Analog Switch Setup so that they can be configured properly
- New Text to Speech macros has been added to announce Lowest Cell Voltage for Smart Battery telemetry
- Custom intervals can now be specified in Custom Reports in Audio Events
- The quick sleep button on the Sleep Mode screen has been changed from a press and hold to a swipe motion

### **Corrections & Improvements**

- Configuration of rate values in mixes has been improved. Dragging sliders snaps to even percentage values. Separate buttons are available for incrementing by 1% or 0.1% (iX20/iX14)
- Dashboard Setup Telemetry Panel "+" button now works properly after a selection is canceled
- Left or Right analog trims can now be used to activate a Timer
- Flaperon + Taileron no longer causes roll in tail surfaces
- RX Pack Capacity telemetry screen properly displays no data when Batt 2 is not present
- Menu Setup screen has been removed. Enabling My List is now located in the Model Details screen for a given model (iX20/iX14)
- Invalid receiver information is no longer displayed in the Forward Programming screen prior to connecting to a receiver



- Values are displayed properly in Travel Adjust Screen in circumstances when channels are reversed
- Duplicate subcategory names are no longer allowed
- When an Emoji is included in a model name, it is replaced with an underline character when exporting an iSPM file
- Volume control UI has been updated
- When switching from V-tail A to V-tail B the left and right servo port assignments are maintained correctly
- Sequencer Activity no longer limits available channels for Channel A on a model imported from a radio with less channels
- Model Note menu now works properly in Dark Mode
- GPS Altitude value properly rounded for audio callouts
- Timer audio events no longer announce when changing models
- Lock feature now functions properly in all mixes
- Availability of turbine telemetry macros are now synchronized across the dashboard screens and gauge panels
- Smart Battery low voltage telemetry alarm configuration now defaults to 4.0v
- Analog trim range now functions correctly with a 30% range when step size set to one
- Turbine EGT is now available as an option on gauge/dashboard pages
- Sleep Mode dialog correctly shows state of Serial Port Power
- Model Select screen header bar is displayed properly
- Accurate values are displayed on the Flight Log telemetry screen when %Range is selected
- Programmable Mixes are now shown in the Digital Switch Setup screen when a switch is assigned as source
- Switch D2 and E2 now have a proper short display name (iX20)
- Values are now saved on Heli Cyclic/Thro Mixing screen
- Mixing screen operation has been updated to be more intuitive