MAV Manager Release Notes

V1.11.0- April 2024

News & Tweaks

- T75, ESC-80X and ESC-160 configuration is now possible.
- ESC Telemetry: it is possible to change Powerbox device ID as well as Multiples telemetry slots for current, voltage and capacity.
- Firmware - **IBEX/FALCON ESC V2.04**: IBEX 80X and IBEX 160 support. FrSky telemetry, Positioning offset, Positioning recovery.
- Firmware - **SE4 V1.04**: FrSky bus support.
- Firmware - **SE6 V1.04**: FrSky bus support.
- Firmware - **T70/T75 V1.08**: FrSky telemetry.
- Firmware - **GPS Logger V1.05**: FrSky telemetry. PowerBox P2Bus telemetry. Faster EX Bus telemetry.
- Firmware - **MicroVario V1.08**: FrSky telemetry.

V1.9.1 - December 2023

News & Tweaks

- **Log file export to Excel / CSV** is now possible. In the *File - Export to Excel* menu you are able to choose the telemetry variables to be exported, sampling rate, start time and end time of the exported data.
- It is now possible to configure the attached devices in a non-modal dialog. Create a new window widget and choose the *Device Config* type. As soon as you enter the device configuration, its menu will appear in the widget.
- IBEX/FALCON ESC - added a new expert setting: Possibility to operate normally even if the battery is discharged (*Protection - Low Voltage Behavior* = Normal Operation). Please be cautious not to damage your batteries.
- Added command line params:
  - **-com "COMPORT"** - name of serial port that will be opened after launching the software. If the port name is set, it cannot be changed later in the menu.
  - **-cfg "CONFIGSUFFIX"** - file config suffix that shall be used for the currently running MAV Manager session. Use this parameter in case you plan to utilize multiple MAV Manager instances concurrently, each with independent configuration.
  - **-text "WINDOWLABEL"** - the specified text will be placed in the MAV Manager window title to differentiate currently running instance from others.

V1.8.0 - July 2023

News & Tweaks

- ESC-145 configuration is now available. BEC current & voltage are displayed as well.
- Firmware - **IBEX/FALCON ESC V2.02**: IBEX 145 support. Overcurrent safety shutdown.
- Firmware - **T70 V1.07**: Improved touch switch function and new touch option is available.

V1.7.2 - May 2023

News & Tweaks

- Firmware - **IBEX/FALCON ESC V2.01 Beta**: Introducing Heli/governor mode and many more enhancements.
- Firmware - **T70 V1.06**: Fixed switching on/off if the "Hall/Button sensor" is set.

V1.7.0 - March 2023

News & Tweaks

- PC configuration of the attached devices: Voltario T70.
- PC configuration of the IBEX/FALCON ESC V2.00.
- Added a new window option that shows "Actual Values" of the chosen sensors. Minimum and maximum values are displayed as well.

V1.6.0 - February 2023

News & Tweaks

- PC configuration of the attached devices: AMS, GPS Logger, MicroVario, SE4, SE6, T125(ID).
- Better handling the HighDPI displays with partial scale setting (e.g. 150%)
- Firmware - **AMS V1.07**: PowerBox telemetry, adjustable Futaba and MPX telemetry slots, PC configuration support. RC-E7: adjustable shutdown altitude.
- Firmware - **EX5 V1.04**: PowerBox P2Bus data & telemetry support, PC configuration support. Online **gain tuning** using bus channels.
- Firmware - **GPS Logger V1.03**: Adjustable Futaba and MPX telemetry slots, PC configuration support.
- Firmware - **MicroVario V1.07**: PowerBox telemetry, adjustable Futaba and MPX telemetry slots, PC configuration support.
- Firmware - **SE4 V1.03, SE6 V1.03**: PowerBox P2Bus data support, PC configuration support.
- Firmware - **IBEX/FALCON ESC V1.10**: Improved on-the-fly startups.

V1.5.0 - November 2022

News & Tweaks

- PC configuration of the attached devices: MicroVario.

V1.4.0 - October 2022

News & Tweaks

- Windows drivers for the "USB interface" have been included in the installation package (Silabs based virtual COM port). The drivers are compatible with Windows 10 and 11. For older versions of Windows operating systems please visit the Silabs website and look for drivers with version lesser than 10.00.
- New PC configuration of the attached devices. Now it is possible to configure all IBEX/FALCON controllers from your PC, view online telemetry and import/export controller settings.
  Additional devices suppport is on the way, too.
- Firmware - **EX5 V1.0**3: Added German language and a fix to "Port 5" setting if EX Bus is used on the input.
- Firmware - **IBEX/FALCON ESC V1.09**: Powerbox P2Bus telemetry. Compatibility with the PC configuration software.

V1.3.1 - August 2022

News & Tweaks

- The installer automatically detects any previously installed version of MAV Manager and deletes it before installing the new version.
- Fixed slow updating speed with some USB adapters.

V1.3.0 - August 2022

News & Tweaks

- The **"GPS Logger App"** for JETI DC/DS transmitters has been promoted to version 1.02. It handles correctly the "Roll" and "Pitch" telemetry values (from Assist or EX5) for several languages.
- Firmware - GPS LOGGER V1.02: Improved telemetry and sensor reading.
- Firmware - AMS V1.06: New option for restarting the motor during the training.
- Firmware - EX5 V1.03: Better handling of serial communication.
- Firmware - ESC V1.07: Spektrum integration - telemetry and setting. Motor reverse feature. Motor beeps on reinitialization if the flight battery is replaced.

V1.2.0 - September 2021

News & Tweaks

- Added **Open Street Map** support in the "Map Window" widget.
- Added support for GPS Logger sensor. File transfers are now available through the "Devices" window as soon as the GPS Logger is detected.
- Added **"GPS Logger App"** for JETI DC/DS transmitters (Version 1.01 Beta). This Lua app can be installed on your transmitter through the *Tools - GPS Logger App* menu. You can also manage and download necessary maps into the transmitter using a simple wizard.
- Firmware - GPS LOGGER V1.01: Added French language, improved telemetry.
- Firmware - AMS V1.05: Safer motor restart.