



## Release note for Noble NB4 Pro transmitter firmware/Noble NB4 Pro 软件版本更新记录

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|--------------------------|-------|------------|---------|
| Software version<br>软件版本 | 1.0.4 | Date<br>日期 | 06/2023 |
|--------------------------|-------|------------|---------|

- ▶ **新增功能：**
  - 新增主界面自定义显示区域可选择显示曲线数据。
- ▶ **修改功能：**
  - 修复部分接收机识别异常的问题。
  - 优化在修改辅助通道名字时键盘的生效逻辑。
  - 修复喇叭在受到近距离大干扰时会发出噪音的问题。
  - 优化开机自动搜索接收机功能。
- ▶ **特殊变化：**
  - 无

### 注意事项

- 发射机固件更新完成后，模型数据会被复位。在固件更新之前，建议提前通过遥控管家进行数据备份，然后导入该版本使用。
- 发射机和接收机更新完成后需要重新对码。

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- ▶ **New functions:**
    - Add to display the CURVE data in the CUSTOM area of the main interface.
  - ▶ **Modified functions:**
    - Fix the bug of recognition exception on partial receivers.
    - Optimize the logic of the keyboard taking effect when modifying the auxiliary channel name.
    - Fix the problem that the speaker will make noise when subjected to large interference at close range.
    - Optimize the Auto Search Receiver function.
  - ▶ **Special changes:**
    - None

### Notes

- Model data will be reset after the transmitter firmware is updated completely. It is recommended to back up data by the **FlySkyAssistant**, and then import the data after the update is finished.
- The transmitter and the receiver need to be rebound after the update is finished.



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### 新增功能：

- SVC 高级功能新增可以分配通过控件实时调节的功能。
- 新增支持电流电压传感器及相关功能。
- 新增支持 i-BUS2 转速传感器及相关功能。
- 新增支持 i-BUS2 GPS 传感器及相关功能。
- 新增 i-BUS2 设置功能图标。
- 新增支持好盈 i-BUS2 电调及相关功能。
- 新增支持 PowerHD i-BUS2 舵机及相关功能。
- 新增可油门暂停计时器的功能。
- 新增圈列表分析和标识功能。
- 新增按键分配界面通过颜色区分占用情况。
- 新增旋钮做档位开关时可以分配控制功能状态。
- 新增旋钮调节功能参数时可以设置范围和偏移量。
- 新增旋钮过中点时振动、语音提示。
- 新增手轮、扳机可分配到其它辅助通道的功能。
- 新增辅助通道自定义预设名字可修改状态反向的功能。
- 新增用户可自定义模型默认数据功能。
- 新增高度传感器高度调零功能。
- 新增传感器极值记录功能。
- 新增传感器数据记录功能。
- 新增自动搜索接收机切换模型功能。
- 新增主题切换功能。
- 新增壁纸切换功能。
- 新增主界面快捷操作下可选择隐藏主界面状态栏功能。
- 新增支持 USB 扩展游戏手柄功能。
- 新增条件模式功能。
- 新增逻辑开关功能。
- 新增油耗功能。



### 修改功能：

- 修改优化主界面快捷操作增加可选项。
- 修改主界面自定义显示内容、自动放大显示。
- 修改优化 UI 风格。
- 修改优化字体显示。
- 修改优化曲线功能，增加可调类型和点数。
- 修改优化复位按键控制功能时也可以选择触发和翻转模式。
- 修改优化通道速度时间显示逻辑。
- 修改优化四轮转向功能，增加可控件关闭功能。
- 修改优化驱动混控功能，增加可控件关闭功能。



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- 修改优化声音和振动可以自定义开启 / 关闭更多类别。
- 修改优化失控时的声音和振动提示灵敏度。
- 修改优化电池电量过低弹窗提示和自动关机。
- 修改优化提升 USB 模拟器的采样速率。

► 特殊变化： • 无

### 注意事项

- 发射机固件更新完成后，模型数据会被复位。在固件更新之前，可通过遥控管家进行数据备份，然后导入该版本使用。
- 发射机和接收机更新完成后需要重新对码。
- 游戏手柄功能仅在底座正常连接了外部 USB 设备后，才能正常使用。当前支持的设备有：Xbox One 手柄、Sony PS4、罗技 G29 方向盘、图马斯特 T300RS 方向盘、图马斯特 A10C 飞行摇杆。

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- New functions:
- Add the real-time adjustment function by an assigned control via ASSIGN in the SVC advanced function.
  - Newly support the current and voltage sensors and related functions.
  - Newly support the i-BUS2 speed sensor and related functions.
  - Newly support the i-BUS2 GPS sensor and related functions.
  - Add the i-BUS2 icon setting function.
  - Newly support the HobbyWing i-BUS2 ESC and related functions.
  - Newly support the PowerHD i-BUS2 servo and related functions.
  - Add the function of throttle pause timer.
  - Add the lap list analysis and marking function.
  - Add the function of distinguishing whether controls are allocated or not by color in ASSIGN interface.
  - Add the function of assigning the control state when the knob is used as the position switch.
  - Add the function of setting the range and offset when the knob is used to adjust function parameters.
  - Add the vibration and voice prompt when the knob is over the neutral position.
  - Add the function of assigning the steering wheel and throttle trigger to other auxiliary channels.
  - Add the function that the auxiliary channel custom preset name can be



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- **New functions:**
- modified as the state reverse.
  - Add the function that users can customize the model default data.
  - Add the altitude zeroing function (Altitude Zero Set) function.
  - Add the sensor extreme value recording function.
  - Add the sensor data recording function.
  - Add the function of automatically searching receivers (Auto Search Receiver) with switching models.
  - Add the theme switching function.
  - Add the wallpaper switching function.
  - Add the function of hiding the status bar of the main interface in the shortcut operation mode.
  - Newly support the USB extension gamepad function.
  - Add the condition (COND) function.
  - Add the logic switch function.
  - Add the fuel consumption function.

- **Modified functions:**
- Modify and optimize the main interface shortcut operations (that is, add options).
  - Modify the main interface custom display and add contents with automatic zoom-in for display.
  - Modify and optimize the UI style.
  - Modify and optimize the font display.
  - Modify and optimize the curve function, increasing adjustable types and points.
  - Modify and optimize that the reset button can select Trigger and Turn mode when it is set as function controlled.
  - Modify and optimize the channel speed and time display logic.
  - Modify and optimize the four-wheel steering function, the function can be disabled by an assigned control via ASSIGN.
  - Modify and optimize the drive mixing function, the function can be disabled by an assigned control via ASSIGN.
  - Modify and optimize the sound and vibration prompting sensitivity in case of out-of-control.
  - Modify and optimize the sound and vibration to customize to more categories of ON/OFF.
  - Modify and optimize the prompt sensitivity for the sound and vibration in case of out-of-control
  - Modify and optimize the low battery pop-up alert and auto power off.



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- Improve the sampling rate of USB emulator through optimization.

► Special changes: • None

### Notes

- The model data is reset after the update is finished. It is recommended to back up data by the **FlySkyAssistant**, and then import the data after the update is finished.
- The transmitter and the receiver need to be rebound after the update is finished.
- The gamepad function is available only when the base is properly connected to an external USB device. Currently, the supported devices include Xbox One controller, Sony PS4, Logitech G29 driving wheel, THRUSTMASTER T300RS driving wheel, and THRUSTMASTER A10C flight joystick.



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| Software version<br>软件版本 | 1.0.2 | Date<br>日期 | 09/2022 |
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- ▶ **新增功能：**
  - SVC 功能菜单里新增高级功能（以适配 INr4-GYB 接收机使用）。
  - 新增进入 SVC 功能时，判断提示用户校准陀螺仪。建议第一次使用陀螺仪时，依界面提示完成陀螺仪校准。
  - 发射机打包的接收机固件里新增 INr4-GYB 接收机固件。
- ▶ **修改功能：**
  - 更新了发射机里所有打包的接收机固件（即 FGr4、FGr4B、FGr4S、FGr4P、FGr8B、FGr12B、INr4-GYB 和 MiniZRF3 接收机）。建议更新完发射机固件后，同步更新接收机固件。
  - 修改油门死区默认值为 0%。
- ▶ **特殊变化：**
  - 无

### 注意事项

- 更新完成后模型数据会被复位，建议提前通过遥控管家进行数据备份，然后导入该版本使用。
- 发射机和接收机更新完成后需要重新对码。
- SVC 中的高级功能需要搭配 INr4-GYB 接收机才能正常使用。

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- ▶ **New functions:**
    - Add advanced functions to the **SVC** function menu to adapt to INr4-GYB receiver.
    - In this update, the system prompts the user to calibrate the gyroscope when the user enters the SVC function menu. It is recommended that the user should follow the prompt on the interface to complete the gyroscope calibration when using the gyroscope for the first time.
    - Add INr4-GYB receiver firmware to the receiver firmwares packaged by the transmitter.
  - ▶ **Modified functions:**
    - Upgrade all packaged receiver firmwares in the transmitter (i.e. FGr4, FGr4B, FGr4S, FGr4P, FGr8B, FGr12B, INr4-GYB and MiniZRF3 receivers). It is recommended to update the receiver firmware synchronously after updating the transmitter firmware.
    - Modify the default value of Dead Zone to 0%.
  - ▶ **Special changes:**
    - None



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### Notes

- The model data is reset after the update is finished. It is recommended to back up data by the **FlySkyAssistant**, and then import the data after the update is finished.
- The transmitter and the receiver need to be rebound after the update is finished.
- The advanced functions in SVC can be used with INr4-GYB receiver which has a built-in gyroscope.