



## Version list Noble NB4 lite transmitter software/Noble NB4 lite 软件版本更新记录

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|--------------------------|--------|------------|---------|
| Software version<br>软件版本 | 1.0.10 | Date<br>日期 | 03/2021 |
|--------------------------|--------|------------|---------|

- **新增功能：**
- 新增手轮左、右两侧按键（SW2、SW3）可设置成组合模式的功能。
  - 新增油门怠速功能下可选择锁定模式的功能。
  - 新增通道速度功能，所有通道可单独设置延时时间。
  - 新增支持富斯遥控管家工具。
  - 新增支持接收机连接状态下切换模型。
  - 新增闲置报警时间可用户自定义功能，可选择关闭闲置报警。
  - 新增主界面新增锁屏设置功能。
  - 新增主界面显示可用户自定义功能，可选择显示计时器、通道状态等信息。
  - 新增主界面可显示通道值的实际百分比。
  - 新增失控保护可用户设置成无输出模式。
  - 新增对码设置拆分成经典版和增强版接收机。
  - 新增可将接收机配置成 PWM 转换器功能，可实现接收机通道扩展。
  - 新增【舵机显示】界面下可选择【通道显示】。
  - 新增【按键功能列表】界面下可快捷选择进入【通道显示】。
  - 新增关于信息界面中显示高频库版本。
  - 新增支持接收机更新器，来更新接收机程序。

### 以下新增功能仅支持增强版接收机：

- 新增舵机响应速度可任意通道单独设置。
- 新增舵机响应速度支持设置窄频 SR、SFR 模式，可进一步降低系统延时。
- 新增舵机响应速度支持开启 RF 同步模式，可进一步降低系统延时。
- 新增 SVC 菜单功能，支持设置陀螺仪接收机。
- 新增支持显示 BVD 电压及 BVD 电压传感器校准功能。
- 新增双接收机模式，1 个 TX 可同时双向无线连接 2 个 RX。
- 新增可设置接收机 PWM 接口输出的起始通道。
- 支持支持接收机 New.Port 接口协议设置功能。
- 新增支持 IBUS2 设备设置功能，当前 IBUS2 设备仅有 PWM 转换器。

- **修改功能：**
- 优化主界面通道显示不受中立微调影响。
  - 优化主界面快捷操作功能，默认开启。
  - 优化显示屏唤醒逻辑。
  - 优化英文界面字体。
  - 优化通道数量切换时模型数据复位的问题（仅由低切到高不复位）。
  - 优化高频标准切换时模型数据复位的问题。
  - 优化计时器界面显示。
  - 优化船模式下的油门通道数据计算和显示逻辑。
  - 优化修复方向指数、油门指数中的曲线调节方向。

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- **修改功能：**
- 优化界面状态栏的开启 / 关闭图标。
  - 优化更新 RF 高频库。
  - 修改增大微调步进可调范围。
  - 修改优化按键分配中的功能项名称。
  - 优化菜单组合，将【方向混控】改名成【四轮转向】后和【刹车混控】一起放到【混控】菜单下。
  - 优化将【通道数量定义】和【高频设置】从【系统设置】菜单移到【模型设置】菜单中。
  - 优化刹车混控功能界面的逻辑。
  - 优化加快模型切换、通道数量切换的跳转速度。
  - 优化加快开、关机速度。
- **特殊变化：**
- 对码操作前需选择接收机类型：  
经典版接收机有：FGr4、FGr4S、FGr4P、FTr4、FTr10、FTr16S。  
增强版接收机有：FGr4B、FGr8B、FGr12B、FTr8B、FTr12B、GMr、TMr。
  - 【高频设置】，切换单向、双向和 Mini-Z EVO 模式功能，移到了【模型设置】菜单下。
  - 【通道数量定义】切换遥控器通道个数（4、6、8 通），移到了【模型设置】菜单下。
  - 【方向速度】和【油门速度】功能，统一放到了【通道速度】菜单下。
  - 【方向混控】和【刹车混控】功能，统一放到了【混控】菜单下。

### 注意事项：

- 更新完成后模型数据会被复位，如有需要请提前拍照保存（用户配套的模型需要重新调试参数）。
- 更新完成后需要更新遥控器高频模块固件（首次开机自动提示更新）。
- 更新完成后更新对应接收机的固件，需采用强制更新方式进行接收机更新，强制更新进入方式：  
经典版接收机：采用对码线短接对应的强制更新接口后上电，进入后接收机指示灯三闪一灭。  
增强版接收机：按住对码按键上电，直到接收机指示灯出现三闪一灭。  
注：具体更新方式可参见对应接收机说明书。
- 发射机和接收机更新完成后需要重新对码。



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- **New functions:**
- Added the setting of a combination of SW2 and SW3 (on the left and right side).
  - Added the lock mode for throttle idle speed.
  - Added the channel speed function that the delay time on all channels can be set individually.
  - Added support for "Flysky Assistant".
  - Added the switching model in the connection state of the receiver.
  - Added the time setting function of idle alarm. You can choose to turn off the idle alarm.
  - Added the function of lock screen range setting on the main interface.
  - Added the function of customizing the display of the main interface. You can select the display timer, channel status, etc.
  - Added the display of actual percentage of channel value.
  - Added the setting of failsafe to no output mode.
  - Added the setting of bind to split into classic and enhanced receivers.
  - Added the function to configure receiver as a PWM converter, to realize the channel extension of the receiver.
  - Added the Servo View on the [DISPLAY].
  - Added [Servo View] in [Keys Assign].
  - Added the RF library version on the [About Noble] interface.
- The following new functions are available only for the enhanced receiver:
- Added the setting of [Servos Frequency] separately for any channel.
  - Added [Servos Frequency] to be set to narrow frequency SR and SFR mode. This can further reduce the system delay.
  - Added [Servos Frequency] to enable the RF synchronization mode. This can further reduce the system delay.
  - Added the [Smart Vehicle Control] menu to set the gyroscope receiver.
  - Added the display of BVD voltage and BVD voltage sensor calibration function.
  - Added the dual receiver mode. One TX can connect two RXs wirelessly at the same time.
  - Added the setting of starting channel on the receiver PWM interface output.
  - Added the setting of receiver New.Port protocol.
  - Added the i-BUS2 device setting function. The IBUS2 device only supports PWM converter now.
- **Modified functions:**
- Optimized the main interface channel display not affected by neutral trimming.
  - Optimized the main interface shortcut operation function. By default, it is enabled.
  - Optimized the display wake-up logic.
  - Optimized the English interface font.
  - Solved the problem of model data reset when the number of channels is switched. (Only change from low to high without reset).

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- **Modified functions:**
  - Solved the problem of model data reset in case of RF standard switch-over.
  - Optimized the timer interface display.
  - Optimized the logic of calculating and displaying throttle channel data in boat mode.
  - Optimized the curve adjustment direction in direction index and throttle index.
  - Optimized the on/off icon of the interface status bar.
  - Optimized the update of the RF library.
  - Changed the adjustable range of trimming step.
  - Changed the function item name in key assignment.
  - Changed [Steering Mix] to [4WS Mixing], and moved [4WS Mixing] and [Brake mixing] to the [MIXES] menu.
  - Moved [Channel Number Definition] and [Radio Frequency Setup] from the [System] menu to the [MODEL] menu.
  - Optimized the logic of the brake mixing function interface.
  - Optimized the jump speed of model switching and channel number switching.
  - Optimized the power-on/-off speed.
  
- **Special changes:**
  - You need to select receiver type before bind operation:  
 Classic receivers: FGr4, FGr4S, FGr4P, FTr4, FTr10, FTr16S.  
 Enhanced receivers: FGr4B, FGr8B, FGr12B, FTr8B, FTr12B, GMr, TMr.
  - [Radio Frequency Setup]: Switch the function of one-way, two-way and Mini-Z EVO mode. It has been moved to [MODEL] menu.
  - [Channel Number Definition]: Switched the number of remote control channels (4, 6, 8). It is moved to [MODEL] menu.
  - [Steering Speed] and [Throttle Speed]: Merged into [Channels Speed] menu.
  - [Steering Mix] and [Brake mixing]: Moved to [MIXES] menu.

### Notes

- After the update is completed, the model data will be reset. If necessary, please take a picture and save it in advance (the model needs to be re-tuned).
- After the update is completed, you need to update the firmware of the remote control RF firmware (automatically prompted to update in case of the initial power-on).
- After the update is completed, you need to update the firmware of the corresponding receiver in the following special modes:  
 Classic receiver: Short-circuit the code line to the corresponding mandatory update interface, and then power on, until the receiver indicator flashes three times and lights out once.  
 Enhanced receiver: Press and hold the bind button to power on until the receiver indicator flashes three times and lights out once.  
 Note: Please refer to the corresponding receiver manual for the specific update method.
- The transmitter and receiver need the re-bind after the update is completed.