



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

Software version 软件版本	2.0.83	Date 日期	3/2020
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- ▶ **新增功能：**
  - 模型数据导入 / 导出功能
  - 主界面快捷操作功能
- ▶ **修改功能：**
  - 优化计时器功能，将语音报时全部归入系统声音
  - 优化计时器功能，倒计时后正计时最小设置时间由 10 秒变更为 0 秒

### 注意事项

- 更新完成后模型被复位
- 更新完成后需重新与接收机对码

以上步骤完成后，可正常使用。

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- ▶ **New Features:**
    - Model data import / export function
    - Main interface shortcut operation function
  - ▶ **Changes:**
    - Optimized the timer function, and all the vocal feedback are classified as system sound
    - Optimized the timer function, the minimum setting time of the countdown after the countdown was changed from 10 seconds to 0 seconds

### Precautions

- The model data will be reset after the update is completed
- After the update is completed, it is necessary to rebind the receiver to the transmitter

After the above steps are completed, the product can be used normally.



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

Software version 软件版本	2.0.79	Date 日期	11/2019
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- ▶ **新增功能：**
  - 增加单向模式下修改舵机响应速度退出的提示
- ▶ **修改功能：**
  - 修复开关及和按键测试菜单 BUG
  - 解决开关机时概率性模型参数丢失的问题

### 注意事项

- 更新完成后模型被复位（除了 2.0.77 版本）
- 更新完成后需重新与接收机对码

以上步骤完成后，可正常使用。

注：以上版本更新记录基于 2.0.75 版本。

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- ▶ **New Features:**
    - Added prompt to modify the servo response speed when exiting the one-way mode menu
  - ▶ **Changes:**
    - Fixed switch and button bugs in the test menu
    - Fixed bug that erased some model parameters when powered on and off

### Precautions

- The model is reset after the update is completed (except for version 2.0.77)
- After the update is completed, it is necessary to rebind the receiver to the transmitter

After the above steps are completed, the product can be used normally.

Note: The changelog is based on the 2.0.75 version.



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

Software version 软件版本	2.0.78	Date 日期	11/2019
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▶ 新增功能：

- 无

▶ 修改功能：

- 解决开关机时概率性模型参数丢失的问题

### 注意事项

- 更新完成后模型被复位（除了 2.0.75 版本）
- 更新完成后需重新与接收机对码

以上步骤完成后，可正常使用。

注：以上版本更新记录基于 2.0.75 版本。

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▶ New Features：

- None

▶ Changes：

- Fixed bug that erased some model parameters when powered on and off

### Precautions

- The model is reset after the update is completed（except for version 2.0.75）
- After the update is completed, it is necessary to rebind the receiver to the transmitter

After the above steps are completed, the product can be used normally.

Note: The changelog is based on the 2.0.75 version.



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

Software version 软件版本	2.0.75	Date 日期	08/2019
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- ▶ **新增功能：**
  - 新增日语菜单界面
  - 新增主菜单排序及隐藏功能
  - 新增初学者模式（默认为隐藏且未开启）
  - 新增说明书菜单
  - 新增氛围灯可以用来做电量指示功能
  - 新增旋钮及 TR 可以分配做 2、3 档开关使用功能
  - 新增关于菜单下显示 MCU UID 信息
- ▶ **修改功能：**
  - 修复 USB 模拟器可能断连的 bug
  - 修复按键分配旋钮反向无效的 bug
  - 修复主界面通道显示抖动的 bug
  - 优化接收机输出模式相关功能

### 注意事项

- 更新完成后模型被复位
- 更新完成后需重新与接收机对码

以上步骤完成后，可正常使用。

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- ▶ **New Features:**
    - Add a Japanese
    - Add the main menu sorting and hiding function
    - Add a beginner mode (the default is hidden and not open)
    - Add a manual menu
    - Add the function that the new ambient light can be used to do the power indicator
    - Add the function that the new knob and TR can be assigned to do the 2, 3 gear switch
    - Added information about the MCU UID displayed under the menu
  - ▶ **Changes:**
    - Optimize the bug that the USB emulator may be disconnected
    - Optimize the bug that the button assignment knob is invalid in the reverse direction
    - Optimize the bug that the main interface channel displays jitter
    - Optimize the receiver output mode related functions

### Precautions

- The model data will be reset after the update is completed
- After the update is completed, it is necessary to rebind the receiver to the transmitter

After the above steps are completed, the product can be used normally.



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

Software version 软件版本	2.0.67	Date 日期	07/2019
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- ▶ **新增功能：**
- 通道个数可用户自定义 4、6、8 个
  - Break D/R 可单独调节
  - TR 功能外设操作生效时弹窗提示
  - 所有操作都可带震动提示
  - 新增 Mini-Z EVO 模式
  - 最小背光亮度可调节（可关闭背光）
  - LED 灯亮度可调节

- ▶ **修改功能：**
- 优化系统结构
  - 优化操控触摸响应速度
  - 优化英文界面字体
  - 优化主界面 CH1、CH2 通道显示逻辑
  - 优化部分功能的语音提示
  - 优化系统开机启动速度
  - 优化系统设置菜单下的功能排序
  - 优化按键设定菜单功能

### 注意事项

- 更新完成后模型被复位
- 更新完成后用户需自行校准手轮和扳机
- 更新完成后需重新与接收机对码

以上步骤完成后，可正常使用。

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- ▶ **New Features：**
- The user can now choose between 4, 6 and 8 channels
  - The breaks D/R can now be adjusted by itself
  - Pop up added when using the TR function
  - All operations can now have a vibration effect
  - Added Mini-D EVO mode
  - Minimum brightness can now be set to 0 (Turning off backlight)
  - LED brightness can now be adjusted

- ▶ **Editing：**
- Optimized the system architecture
  - Optimized touch to increase speed
  - Optimized English fonts
  - Optimized the display logic for channels one and 2 at the main menu
  - Optimizations of voice prompts
  - Optimizations to increase boot speed



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Software version 软件版本	2.0.67	Date 日期	07/2019
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- ▶ Editing :
- Optimized function sorting in the function menu
  - Optimized the key select function

### Precautions

- The model is reset after the update is completed
- After the update is completed, the user needs to calibrate the steering wheel and the trigger
- The receiver and transmitter must be bound again after the update

After the above steps are completed, the system will function as normal.



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

Software version 软件版本	1.0.41	Date 日期	06/2019
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- ▶ **新增功能：**
  - 增加了 EVO 模式
- ▶ **修改功能：**
  - 修改优化方向和油门死区
  - 修改优化资源头文件和校验改为 STM32 硬件 CRC 校验以加快开机速度
  - 修改优化 ADC 通道相互干扰的 BUG
  - 菜单界面下左右滑屏菜单图标会错位

### 注意事项

- 更新完成后模型被复位

以上步骤完成后，可正常使用。

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- ▶ **New Features：**
    - Added EVO mode
  - ▶ **Editing：**
    - Optimize the steering and throttle dead zones
    - Optimize the resource header file and verified that the STM32 hardware CRC is changed to speed up the boot
    - Optimize bug causing interference on ADC channels
    - Optimize the issue that when swiping left and right on the screen causing menu icons will be placed under the menu UI

### Precautions

- The model is reset after the update is completed
- After the above steps are completed, the system will function as normal.



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

Software version 软件版本	1.0.37	Date 日期	03/2019
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- ▶ 新增功能：
- 增加中文显示能

### 注意事项

- 更新完成后模型被复位

以上步骤完成后，可正常使用。

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- ▶ New Features：
- Added the size of Chinese text

### Precautions

- The model is reset after the update is completed

After the above steps are completed, the system will function as normal.





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

Software version 软件版本	1.0.36	Date 日期	01/2019
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- ▶ 修改功能：
- 更新了高频资源
  - 资源模块中增加了版本判断
  - 修改了默认温度和长度默认单位

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- ▶ Editing：
- Updated RF resources
  - Version info has been added to the resource module data
  - The default temperature and length units have been modified



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

Software version 软件版本	1.0.32-Beta	Date 日期	12/2018
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- 修改功能：
- 优化系统延时性能
  - 优化通道值计算算法
  - 优化更新高频库程序

### 注意事项

- 更新完成后模型被复位
  - 更新完成后用户需自行校准手轮和扳机
  - 更新完成后需进行高频 RF 更新，接收机更新
- 以上步骤完成后，可正常使用。

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- Editing：
- Optimize system latency performance
  - Optimize the channel value calculation algorithm
  - Optimize and update the high frequency library

### Precautions

- The model is reset after the update is completed
- After the update is completed, the user needs to calibrate the steering wheel and the trigger
- RF update, receiver update needed after update is completed

After the above steps are completed, the system will function as normal.



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

Software version 软件版本	1.0.30	Date 日期	10/2018
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- ▶ 新增功能：
- 新增双向回传功能
  - 新增传感器功能
  - 新增 Range TEST 功能
  - 新增舵机频率设置功能
  - 新增接收机输出模式设置功能
  - 新增 I.BUS 通道扩展功能
  - 新增接收机更新功能
  - 新增 USB 模拟器功能

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- ▶ New Features :
- Added two-way return function
  - Added sensor function
  - Added Range TEST function
  - Added servo frequency setting function
  - Added receiver output system setting function
  - Added I.BUS channel extension function
  - Added receiver update function
  - Added USB emulator function