



HOBBYWING PLATINUM VBAR NEO Tlemetry Setting Course User Guide

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HOBBYWING PLATINUM VBAR NEO Tlemetry Setting Course User Guide



This is used to guide the user how to use the platinum V4/V4.1 ESC and VBAR NEO Gyro to realize real-time telemetry

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STATEMENT

- Please strictly connect the wire according to this instruction. Any private modification or wrong connection may damage ESC or your equipment. We will not be liable for any liability caused by using the product or modifying the product without permission, including but not limited to the liability for incidental or indirect loss. We have the right to change the product design, appearance, performance and use requirements without notice.
- At present, only Platinum V4/V4.1 supports VBAR NEO Telemetry function. Platinum V3 ESC, Platinum HV 160A V4 Platinum HV 200A OPTO V4 ESC do not support this function.
- At present, only VBAR NEO Gyro Flybarless system and VBar Control Touch Radio system support this function. Other VBar Flybarless system (VBar and Mini VBar) and other VBar Control Radio system do not support temporarily. You can pay attention to the latest information on VBar official website to obtain relevant functions. (This item has nothing to do with Hobbywing, Because VBar does not open devices to support telemetry except NEO. It can be used directly if open in the future, and Hobbywing ESC does not need to set.)

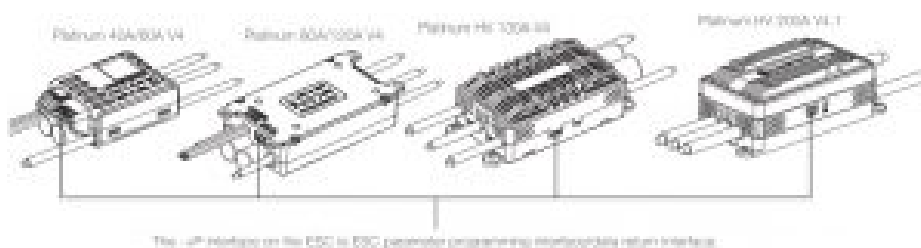
PREPARE DEVICES

You need to prepare Hobbywing Platinum V4/V4.1 ESC (as shown in figure 1), VBAR NEO Gyro Flybarless system and VBar Control Touch Radio system (as shown in figure 3), and Platinum ESC- VBAR NEO Gyro data return adapting wire (as shown in figure 2, need to buy separately).

VBar Control upgraded software is VBarControl Manager. The download address:

<https://www.vstabi.info/en/node/1622> . There are two softwares: VStabi NEO and VBarControl

Manager(as shown in figure 4) after downloading and installing this software. VStabi NEO is used to adjust VBAR NEO device parameters; VBarControl Manager is used to upgrade related firmware of VBAR NEO and VBar Control Touch Radio system.



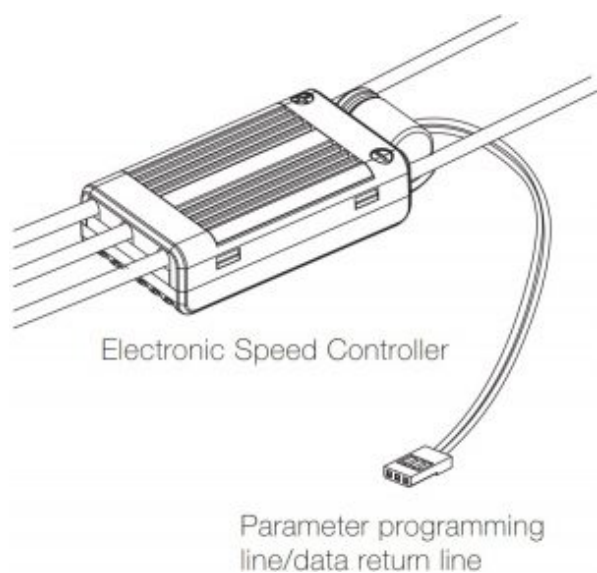


Figure 1

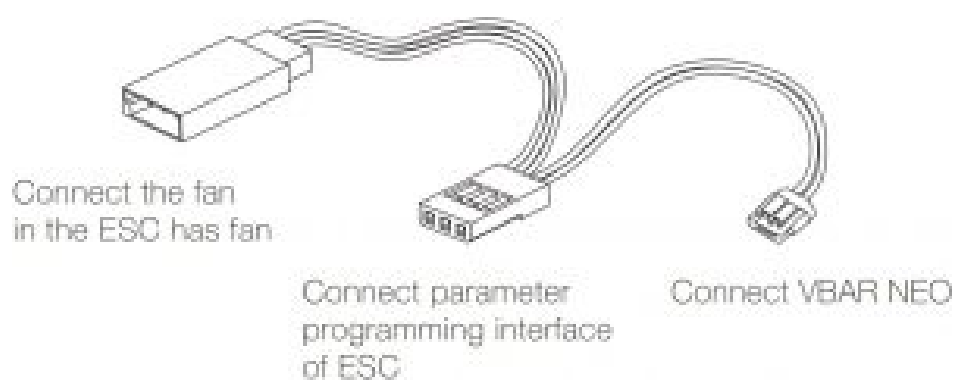


Figure 2

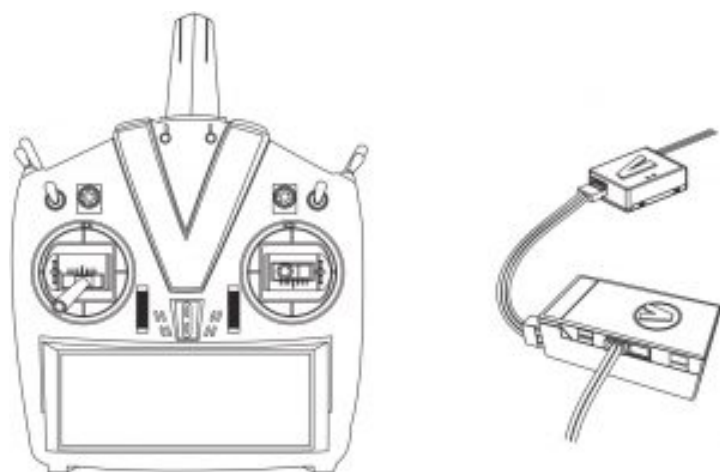


Figure 3



VBarControl
Manager



VStabo NEO
Figure 4

SETTING CONNECTION

Upgrade related devices firmware

1. . Use USB cable to connect VBAR NEO and VBar Control to the computer, open VBar Control Manager software, and upgrade to the latest firmware (subject to the latest display on VBAR official website). VBar Control Touch can directly upgrade by clicking “App Update” in the radio interface by accessing wireless network.
2. Use Hobbywing USB LINK program (download address: <http://www.hobbywing.com/cn/article.php?id=162>) and LCD parameter setting box to connect platinum V4/V4.1 ESC to the computer, and upgrade ESC firmware to the firmware with the suffix of Vbar.(Figure 5).



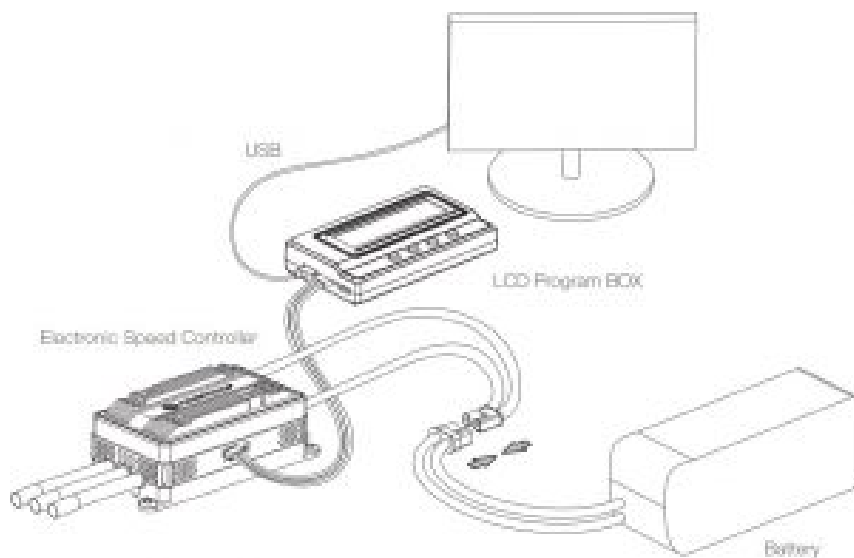


Figure 5

Connecting devices

- Use Platinum ESC-VBAR NEO Gyro data return adapting line to connect “-+P”ESC parameter programming interface/data return interface of Platinum V4/V4.1 ESC (as shown in figure 7). The 25A ESC need to use interface for fan to connect ESC parameter programming line/data return line(as shown in figure6).
- The white data interface on the side of VBAR NEO Gyro Flybarless system(as shown in figure 8) .
- Fan interface is for connecting matching fan of ESC (as shown in figure 7). No need to connect if there is no fan.
- The final connection effect is shown in figure 7.

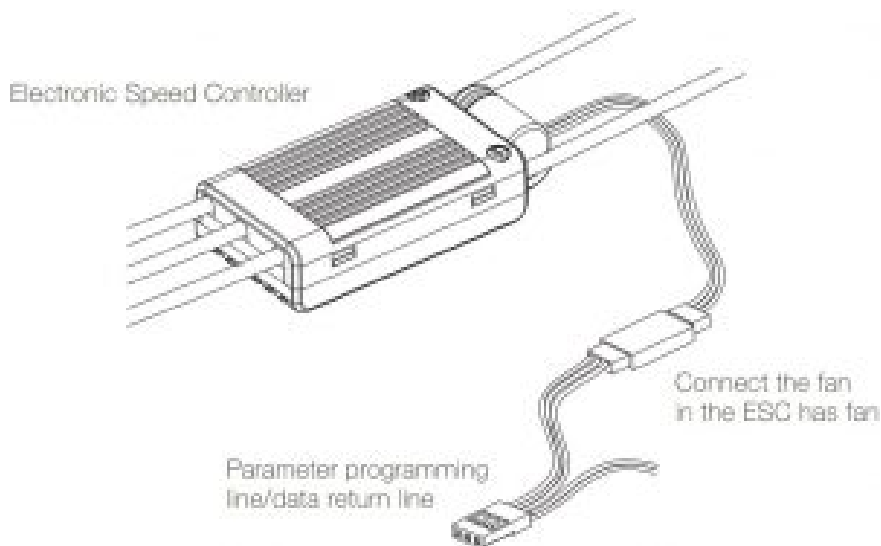


Figure 6

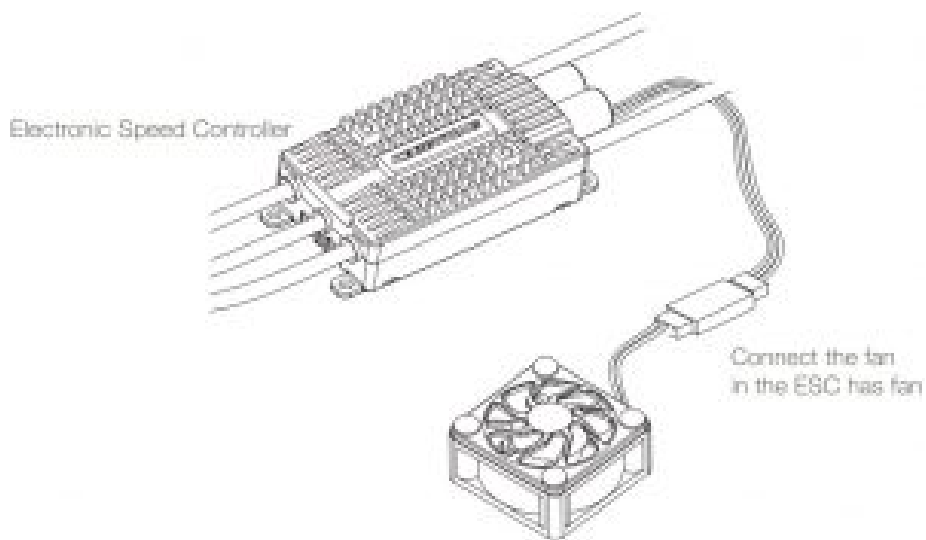


Figure 7

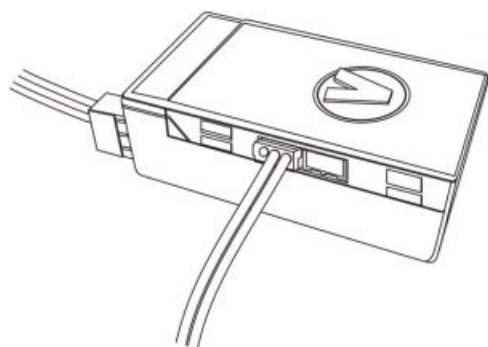


Figure 8

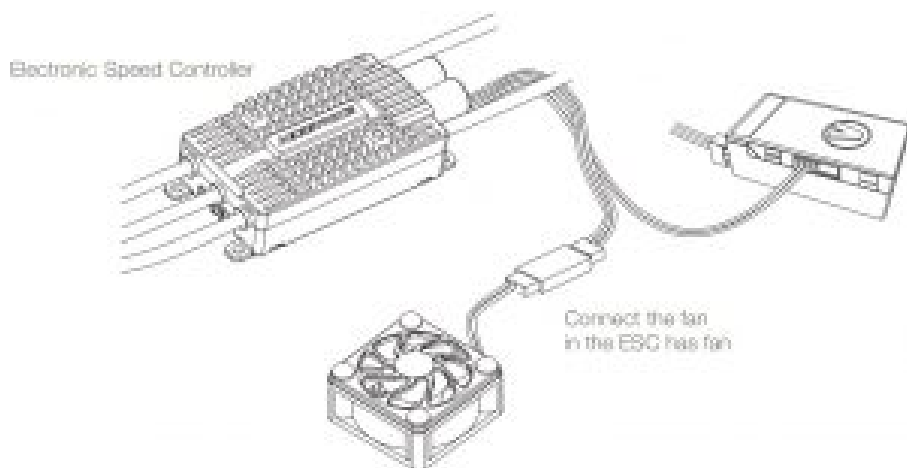


Figure 9

Interface display and setting

Supply power to the ESC. After the initialization of each device, the “HW” icon will be displayed on the VBar Control Touch (as shown in figure 9). If not, check whether the adapting line is connected well, whether the ESC firmware is upgraded to the firmware supporting Vbar telemetry, and whether the relevant upgrade is completed on the radio system(some VBar Control Touch need to access WiFi connection. After powering on the ESC and display Hobbywing firmware upgrade, it can be upgraded.

Click “HW” icon to view all telemetry data. If you want to display relevant data on the radio system interface in real time, you can add it according to figure 10.

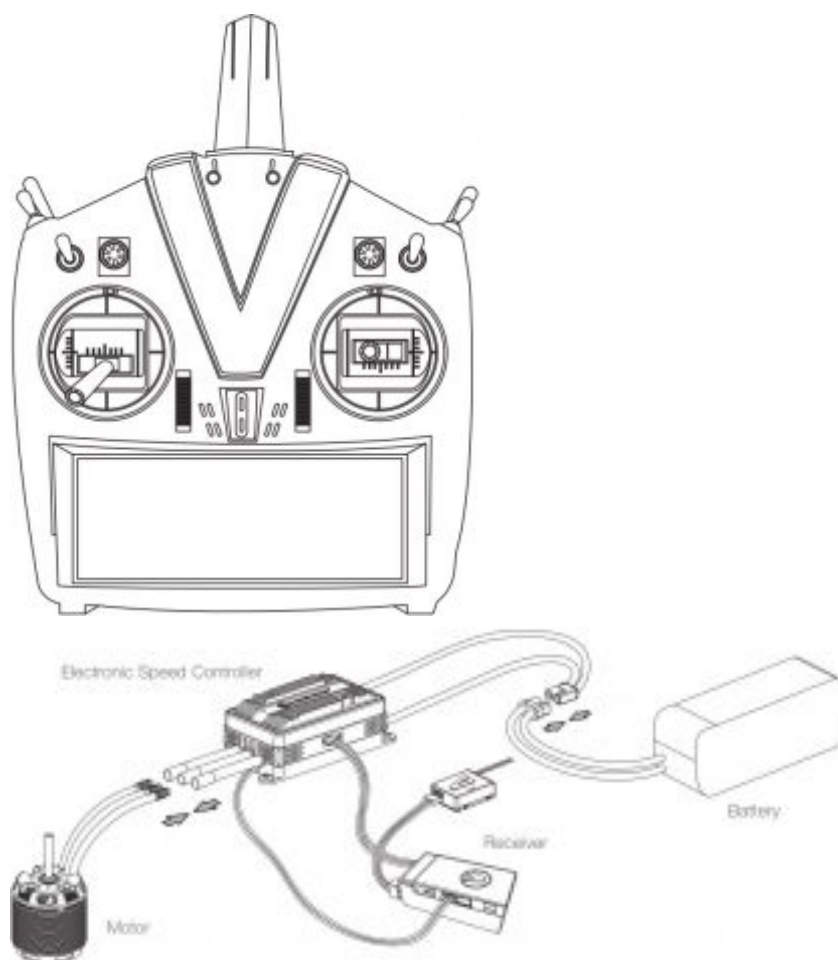


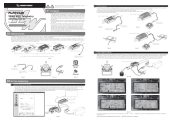
Figure 10



Figure 10



Long press in the blank place on the screen to open setting menu, click “Edit” → “New” → “Hobbywing” and select corresponding data block to the screen. Finally press “Save and Return”.
Then all the settings for Hobbywing Platinum V4/V4.1—VBAR NEO Telemetry are completed.

Documents / Resources



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PLATINUM VBAR NEO Telemetry Setting Course

References

-  [USB Link V5.0.0](#) | [Welcome to Brushless System Trends](#) | [Welcome to Brushless System Trends -](#)
-  [VBar Control Downloads](#) | [VStabi](#)