XGuard Plus

Users Guide

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LIABILITY DISCLAIMER

This device is for use exclusively on a radio controlled (RC) model. RC models are not toys. Moving parts can present a hazard to operators, bystanders and anyone or anything that could be reached by the RC model. Improper operation, maintenance or assembly can potentially cause an RC Model to pose a danger to persons or objects including but not limited to the possibility of causing serious physical injury and even death. After leaving its facilities the manufacturer has no way of maintaining control or supervision over the assembly and/or operation of the RC model or the addition of this device to the RC Model therefore the manufacturer and/or its agents assume no responsibility or liability whatsoever for any damages including but not limited to ones generated by incidental or consequential damages. The operator of the RC Model assumes all responsibility and liability that could result from the correct or incorrect operation of the RC Model.

This product is intended to be used by experienced adult radio control model operators under controlled safety conditions and on locations properly authorized and setup for safe flying and away from other people. This product must not be operated without reasonable personal or commercial Liability Insurance.

Under no circumstance should a minor be allowed to operate any radio controlled model without the approval, supervision and direction of his parent or legal guardian who takes full responsibility and assumes full liability of every kind for the minor’s actions.

Do not operate an RC models within the vicinity of homes, trees, electrical lines during inclement weather or rain or near crowds of people.

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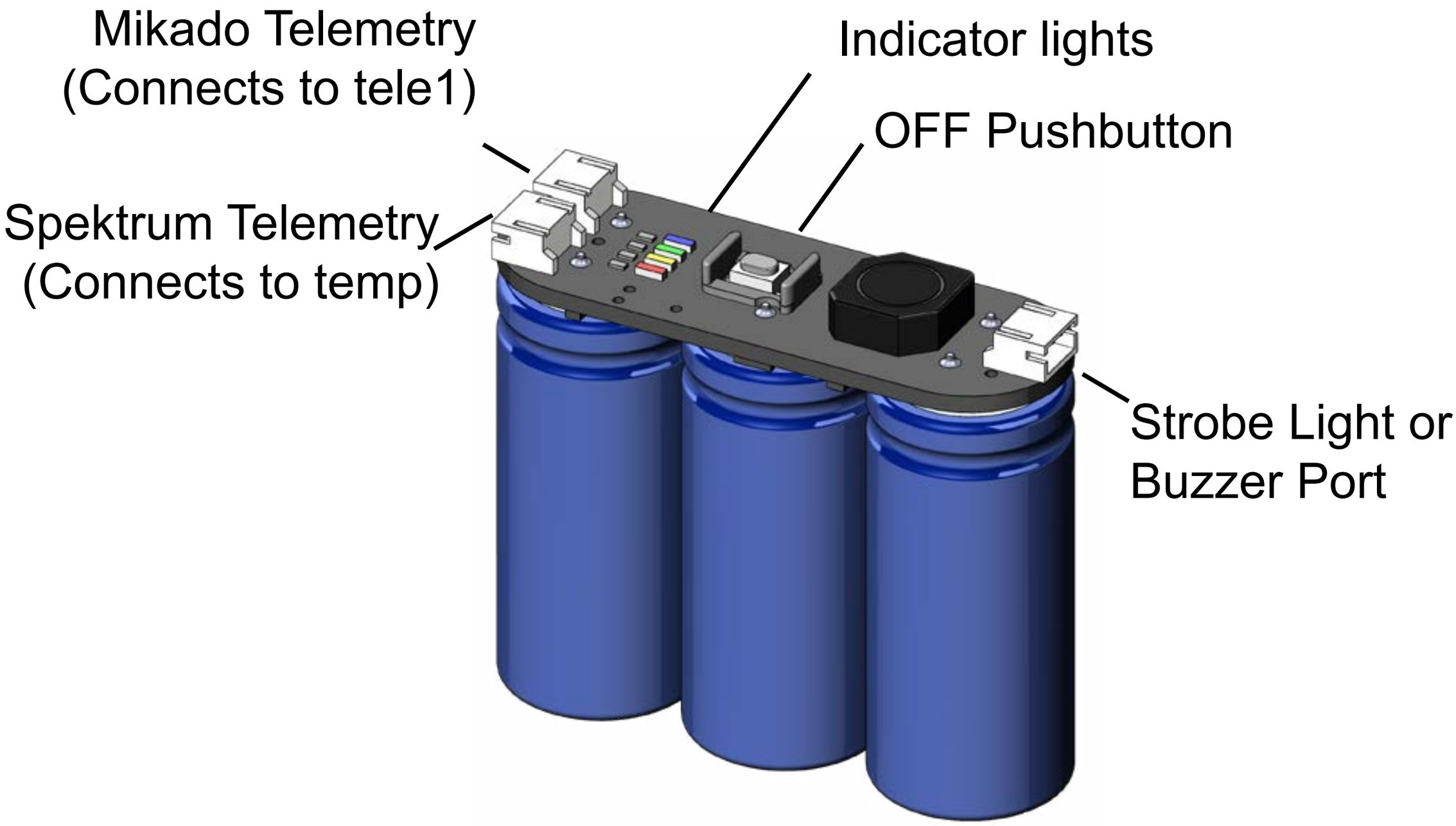
PORTS DIAGRAM



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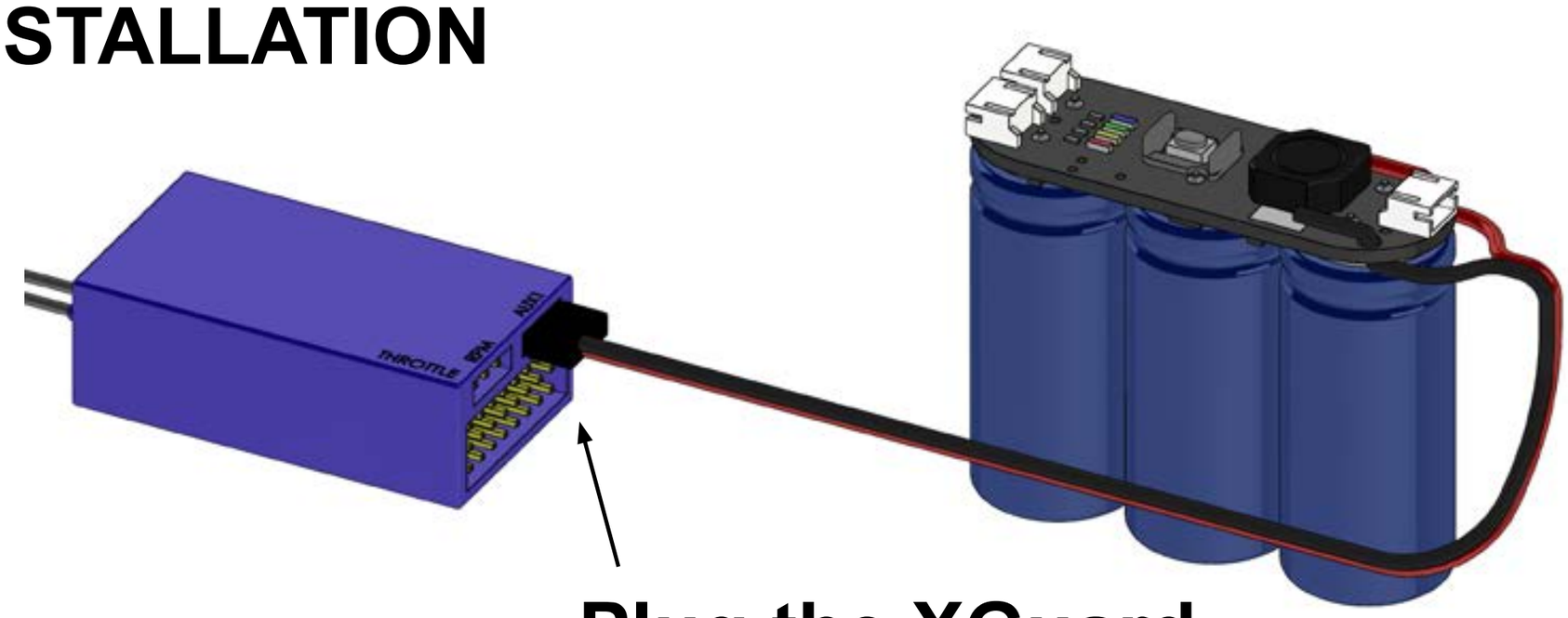
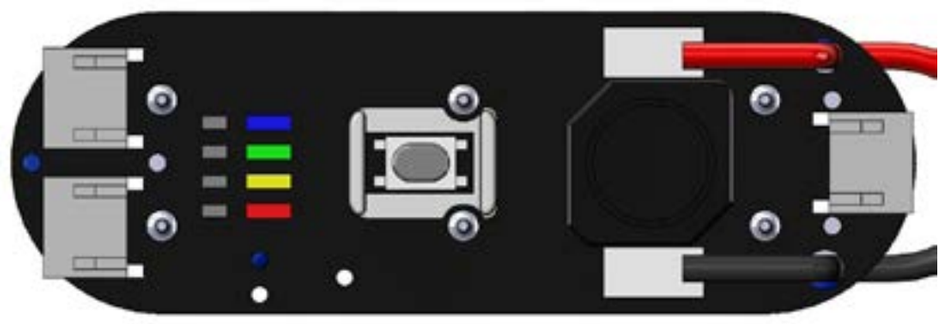
INSTALLATION



Plug the XGuard Plus cable into any open port

OPERATION



- **-Power the unit.**
- **-The blinking red light stops blinking when the voltage is stabilized.**
- **-The Yellow LED indicates it's charging.**
- **-The Blue LED indicates it's at 60% charge.**
- **-The Green light means GO (enough to start flying)**

The unit will keep the charge after the day's first charge and the green will light on very quickly after topping off the charge.

Note: If after the startup blinking Red LED you see a blinking Yellow LED it means the supply voltage from your aircraft BEC hasn't reached the 3.5V minimum to start operations. Check your BEC

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TELEMETRY

The telemetry ports are connected to the following:

1) Spektrum users: Plug a 3-Conductor 12 Inch Extension With JST Compatible terminals (AAVXG0126) to the SPEKTRUM Telemetry port and the other side to the TEMP input of your receiver telemetry and program your radio to trigger at 100 degrees F.

2) Mikado users: Plug a 3-Conductor Extension With JST Compatible terminals (AAVXG0126) to the Plus's Mikado Telemetry port and the other side to the TELE1 port of your Neo FBL receiver.

Install the Temperature telemetry app into your vcontrol and program it to trigger at 100 degrees. Also deactivate the voice alarm and use only vibration and beep.

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INSTALLING THE OPTIONAL XGuard Strobe (AAVXG0121)

Plug a 3-Conductor 12 Inch Extension With JST Compatible terminals the Plus's Alarm port port and the other side to the XStrobe or the XBuzzer so that when the unit is activated due to a power failure you can see or hear the alarm indicator.

ALARM ACTIVATION

In case of a power failure the XGuard Plus will kick in and give enough time under power for you to land your aircraft immediately.

While in emergency mode the red LED will blink to indicate the unit is actively supplying power to your electronics.

To turn the unit OFF unpower your aircraft and then press the OFF pushbutton.

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