



Date: 25<sup>th</sup> June 2022

## **BRCA “Blinky” Mode Zero Timing - Clarification.**

During approval testing for a new Hobbywing electronic speed control earlier this year, it was found that it continued to indicate zero timing mode (“blinky”), when a feature called “softening” was enabled. Since this feature reduces timing at partial throttle it contravenes the requirements for “blinky” and is not compliant for use at meetings where “blinky” is mandated. Subsequently, it was found that another manufacturer has a similar feature called “smoothing” which when enabled is also non-compliant.

So, with immediate effect at BRCA sanctioned events. Competitors using Hobbywing products must ensure that the “softening” feature is NOT enabled or active. Likewise, competitors using R1-Wurks products must ensure the “smoothing” feature is NOT used.

Both manufacturers have committed to providing updated firmware to correct the issue, and products affected will need to be updated as/when software becomes available. An updated EB “blinky” list will be issued by 1<sup>st</sup> July 2022 to include the approved revisions, and to remove any products that are non compliant.

Firmware updates are currently available for the following Hobbywing ESC’s.

- XR10 Pro G2S
- XR10 Pro G2
- XR10 Pro Stock Spec

An update is also available for the R1 Wurks Digital-3.

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