

Bob Long Frenzy 3.0 Board Instructions

To power on marker:

Press power button once and release.

To turn eyes off:

Pull and hold trigger while powering on marker. LED will flash white then release.

To power off marker:

Press power button and hold. LED will flash orange then red and board will power itself off.

LED Indications:

Both 2C eye and 4C eye equipped markers:

Green (Flashing) = Eyes on. No paintball staged in chamber.

White (Flashing) = Eyes off.

Red (Flashing) = Low Battery. Change battery immediately to avoid failure.

Orange (Flashing) = Eye Malfunction. Most likely, paint from ball breaks has blocked eye vision.

2C eye equipped markers:

Violet (Flashing) = Bottom eye tripped. Paintball properly staged in chamber.

4C eye equipped markers:

Aqua (Flashing) = Top eye tripped. Also use this to test top eye.

Blue (Flashing) = Bottom eye tripped. Paintball properly staged in chamber.

Dip Switch Settings 1 through 6:

1 Fine Tune Cycle Delay

(Off) = No fine tune cycle delay.

(On) = 2 millisecond fine tune cycle delay.

2 Programmable Debounce

Note: Stock debounce setting is 6. Debounce is programmable from 1 to 50.

To check debounce setting:

1. Power off board.
2. Set dip switch on (On) position.
3. Power on board.
4. LED will flash the current debounce setting then power itself off.

To set debounce:

1. Power off board.
2. Set dip switch to (On) position.
3. Pull and hold trigger.
4. Power on board.
5. LED will turn white.
6. Release trigger.

(Over)

7. LED will turn off and then flash the current debounce setting
8. LED will then turn green awaiting your response.
9. Pull trigger to set desired debounce. Example: debounce of 6 = 6 trigger pulls.
10. Wait 3 seconds after last trigger pull.
11. LED will flash back the debounce setting you programmed and board will then power itself off.
12. Check debounce setting to see if correct.
13. Set dip switch back to (Off) position then reboot your board.

3 Programmable ROF (Rate of Fire)

Note: Stock ROF setting is unlimited BPS. ROF is programmable from 11 to unlimited BPS.

To check ROF setting:

1. Power off board.
2. Set dip switch to (On) position.
3. Power on board.
4. LED will flash the current ROF setting then power itself off.

To set ROF:

1. Power off board.
2. Set dip switch on (On) position.
3. Pull and hold trigger.
4. Power on board.
5. LED will turn white.
6. Release trigger.
7. LED will turn off and then flash the current BPS setting.
8. LED will then turn green awaiting your response.
9. Pull trigger to set desired BPS.
 - > 1 pull = 11 BPS
 - > 2 pulls = 12 BPS
 - > 3 pulls = 13 BPS
 - > 4 pulls = 14 BPS
 - > 5 pulls = 15 BPS
 - > 6 pulls = 16 BPS
 - > 7 pulls = 17 BPS
 - > 8 pulls = 18 BPS
 - > 9 pulls = 19 BPS
 - > 10 pulls = unlimited BPS
10. Wait 3 seconds after last trigger pull.
11. LED will flash back the ROF setting you programmed and board will then power itself off.
12. Check ROF setting to see if correct.
13. Set dip switch back to (Off) position then reboot your board.

4 and 5 Firing Modes

- (Off) (Off) = Normal semi automatic firing mode.
- (Off) (On) = 3 shot burst (activated when 4 BPS is achieved).
- (On) (Off) = Ramping mode (activated when 4 BPS is achieved).
- (On) (On) = Fully automatic (activated when 4 BPS is achieved).

6 Programmable Dwell

(Over)

Note: Stock dwell setting is 8ms. Dwell is programmable from 4ms to 25ms.

To check dwell setting:

1. Power off board.
2. Set dip switch to (On) position.
3. Power on board.
4. LED will flash the current dwell setting then power itself off.

To set dwell:

1. Power off board.
2. Set dip switch on (On) position.
3. Pull and hold trigger.
4. Power on board.
5. LED will turn white.
6. Release trigger.
7. LED will turn off and then flash the current dwell setting.
8. LED will then turn green awaiting your response.
9. Pull trigger to set desired dwell. Example: 6 milliseconds = 6 trigger pulls
10. Wait 3 seconds after last trigger pull.
11. LED will flash back the dwell setting you programmed and board will then power itself off.
12. Check dwell setting to see if correct.
13. Set dip switch back to (Off) position then reboot your board.

Frenzy 3.0 European Settings (Removal of full-auto and 3-shot burst)

1. Power off board.
2. Set board in full-auto. Dip switch **4** (On) dip switch **5** (On)
3. Pull and hold trigger while powering on marker.
4. When LED flashes white press power button once. LED will change color.
5. Release trigger, LED will change color again.
6. Pull trigger 10 times then wait 3 seconds. Board will power itself off.
7. Use dip switch **3** to cap your ROF in compliance with tournament regulations.
8. When you power on your board it will be locked with European Settings.