

Setup and Programming for the Panther version of the Predator

recommended for use in the IR3, Speed and A4
Version 3.5 / December 23rd 2004

Dip switches

Anti-Bolt-Stick (ABS) - DIP-1 on/off

When ABS is activated the **Bolt Forward Duration** is increased after 15 seconds of nonuse. This helps to prevent bolt-stick but may result to higher velocity for the first shot.

Eye sensitivity

The eye sensitivity setting determines the time that is needed to allow the next ball to settle into the breech. Too sensitive eye setting may result to chop and too high setting limits the maximum ROF that can be achieved. Optimal sensitivity setting varies between different paintball brands and loader used.

The most sensitive (and fastest) setting is 1.

Mode 1 (both 2 and 3 off)

Mode 2 (3 on)

Mode 3 (2 on)

Mode 4 (both 2 and 3 on)

Configuration mode (DIP-4 on)

Additional settings can be modified in configuration mode. To activate the configuration mode, turn your gun off and set the Dip4 to on position and turn your gun back on. 3-color led cycles through all colors for one second to indicate that you have entered the configuration mode.

To cycle through different settings, pull and release the trigger. Configuration mode has three (3) settings that can be changed.

Green – trigger bounce (starts at 1)

Trigger bounce is the amount of time that the trigger has to be released before next trigger pull is allowed. In some situations with a too low value, the gun may blast some fools in full auto. Values 1 – 20

Red – Bolt Forward Duration (starts at 5)

Dwell is the amount of time that the solenoid will be activated. Values 5 – 30

(For the LCD and IR3 we recommend starting at 14. For the Speed and A4 start at 11.)

Yellow – rate off fire (ROF) when anti chop eye (ACE) is deactivated. (starts at 5)

The ROF is always 33+ bps when eye is activated. Values 5 – 33

To change the value of a setting:

1. Pull the trigger and hold it for more than one second. (When in config. mode)

Led will flash to indicate the previous setting. After that, you can set the new value with the trigger. For example, if you want to change the trigger bounce to 5 units.

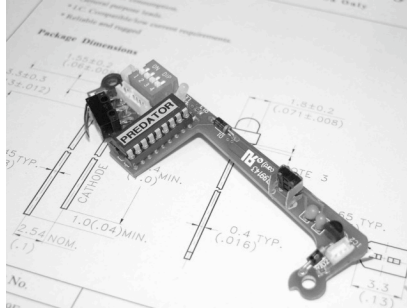
2. Cycle through menus by pulling and releasing the trigger until the led lights green (trigger bounce).

3. Pull and hold the trigger until the led starts to flash.

4. When the led stops flashing pull and release the trigger five times in a fast pace. The new value is set after you haven't touched the trigger for one second. The led will cycle through all colors to indicate that the new value is saved.

All other configurations are changed the same way. Just in part 2 above change the mode to RED for "Bolt Forward Duration" or YELLOW for "ROF when ACE is deactivated" to change the wanted configurations.

To exit configuration mode, set dip4 to off position.



General Usage

Boot sequence

When the gun is turned on, the led will light yellow for approximately two seconds. After that, the gun is ready for used.

Led operation

This covers only the led operation in normal mode not configuration mode.

Yellow – Boot sequence

Red – Breach is clear

Green – Ball in breach

Flashing green – Eye is blocked. ROF is automatically reduced to prevent chopping. To get faster ROF, turn the eye off. To fix the problem, try to clean the eyes and check the connections.

Flashing red – Eye is turned off

Eye

Eye is always activated when you turn the gun on. To force the gun to shoot without paint, pull and hold the trigger 0.5 seconds. To deactivate the eye, press the bottom button on the back of the grip frame for 2 seconds. Led blinks red when the eye is deactivated.

Checking Configurations

You can check your Dip switch configuration by pulling and holding the trigger when you turn the gun on. Hold the trigger until the led starts flashing. Red indicates the eye sensitivity setting and yellow the anti bolt stick (ABS) setting (1 flash off and 2 flash on). For example, if your eye sensitivity is 3 and ABS is ON then the led will flash red three times and yellow two times.

Low Battery Indicator

Light will flash slowly to indicate that you need to swap your 9volt. We suggest you use energizers. Save your self some issues and spend the extra buck when it comes to batteries.

Intellifeed Port

This port gives a 6+/- voltage on each trigger pull for appx. 1 second. This port can be used to drive an intellified hopper or provide a signal for other accessories.

Your current settings:

Bolt Forward Duration	_____	_____	_____
ROF	_____	_____	_____
Debounce	_____	_____	_____