

See Owner's Manual  
For Complete Operating Instructions &  
**SAFETY PROCEDURES**

**Owner's manual download:**  
<http://itroll.us/iTroll.downloads/iTroll.G3.owners.pdf>

## Quick Reference Guide - iTroll G3

### Manually Controlling Motor Speed

**Turn iTroll On:**

**By Keypad:**  
Press and Release

**With Remote:**  
 +   
**HOLD**

**REMOTE CONTROL BATTERY: CR2032**

**Maximum Throttle**  
**Press and HOLD**  
To advance throttle to 100%.

Keypad

Wireless

---

When the MAX button is held down and the throttle level is increasing, you can stop the advancement and **LOCK** the throttle by pressing the run button. iTroll will **HOLD** the locked throttle setting until you release it by pressing the run button.

**Adjust Throttle**  
The "Click Dial" and remote are dual resolution and can move the throttle in 1.0% or 0.1% steps.

Change Throttle Resolution

Orange LED in keypad is lit when throttle is in 0.1% steps (FINE RESOLUTION).

**Recall Last Idles**  
Displays the last 3 throttle values that were being used when the Idle button was pressed. This is valuable info as these were speeds where fish were caught!

Press and HOLD

Go To HUNT Mode

x 2

x 1

**Idle Motor**

If DRAG Mode is ON, and the dial is set **HIGHER** than the stored Drag Speed, throttle goes to **Drag Mode**.

If DRAG Mode is OFF, or if DRAG mode is on and the dial is set **LOWER** than the stored Drag Speed, the motor will go to **IDLE**.

**THROTTLE AT IDLE**

to resume trolling

**DRAG Mode**

Allows you to fight fish at a lower throttle setting than your trolling speed. By not being at idle, you can keep your lines off the bottom or adjust the throttle to keep your boat's heading.

Adjust DRAG Speed

Go To Idle

Note: Drag mode is turned on and off in the "Options Menu". See Section 14 of owner's manual.

**Stepping Programs - Addresses A - D**  
MinSpeed MaxSpeed StepSize StepTime

**10-20% 3.0% 0:20**  
**1A ↓Hunt=START**

---

**Cut Programs - Addresses e & f**  
CutSpeed - Time TrollSpeed - Time

**0%-10s 15%-0:30**  
**1e ↓Hunt=START**

---

**Bump Programs - Addresses G & H**  
TrollSpeed - Time BumpSpeed - Time

**12%-0:20 16%-10s**  
**1G ↓Hunt=START**

### When HUNT Mode Loads, you land on the "Start" screen There are four Program Types and the screens show their throttle and time settings.

**Six Shooter Programs - Addresses I & J,** have throttle and time pairs that are displayed on two scrolling screens. Note: If a pair has a time setting of Zero, it is skipped. You can have 2 to 6 active pairs.

	Pair 1	2	3	4   5   6		
Throttle	1→19.0	00.0	10.0	4→Skip	0.00	Skip
Time	J 0:25	0:06	0:02	J 0:00	0:05	0:00

10 Seconds

Switch Screens

Scroll through HUNT Programs

EXIT Hunt Return to Manual Mode

**START HUNT Program See Other Side**

x 2 Reprogram values of the displayed HUNT program

**Turn iTroll Off:**

**By Keypad:**  
Press and HOLD for 3 Seconds

**With Remote:**  
iTroll must be in **MANUAL Mode** where throttle can be changed with remote.

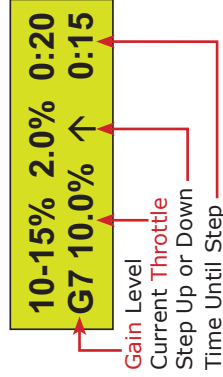
+   
**HOLD HOLD**

Unit will turn off in 3 Seconds

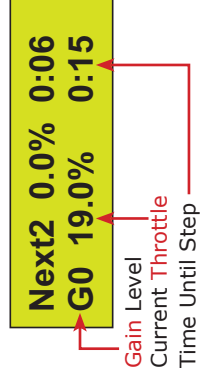
Designed and Made in the USA by Innova (909) 971-0000

## When HUNT Mode is running, you will always see a screen with a running timer.

Stepping, Cut, and Bump screens show program parameters on the top line



Six Shooter programs show the NEXT throttle and time pair that will be run.



Jump to Next Throttle Step in the HUNT Program



IDLE or DRAG Mode  
See reverse side for description of Drag Mode



Max Throttle  
see reverse side for lock feature



STOPS current HUNT program,  
**RETURNS to Start Screen**



Reprogram values of the currently running HUNT program

## HUNT Gain - New in iTroll G3 - See Owner's Manual Sections 4 & 9

HUNT Gain allows you to "SLIDE" your throttle setting up or down (while on the fly) to account for changes in wind, swell, current, or other factors by up to 7%. HUNT Gain is so innovative, that in many cases it virtually eliminates the need for reprogramming!

HUNT Gain is only active when a HUNT Program is running (Timer is counting down). There are instances where the amount of negative gain is limited.

To get the most benefit from HUNT Gain, we HIGHLY recommend that you refer to sections 4 and 9 in your iTroll G3 owner's manual.



Then



Control Head



Wireless

**7-17% 3.0% 0:20**  
**-3G 16.0% ↑ 0:15**

Stepping Program Example  
Gain = - 3  
Starts at 7%, Steps to 17% in 3% Steps

**10-20% 3.0% 0:20**  
**G0 16.0% ↑ 0:15**

Gain = 0  
Starts at 10%, Steps to 20% in 3% Steps

**14-24% 3.0% 0:20**  
**G4 17.0% ↑ 0:15**

Gain = + 4  
Starts at 14%, Steps to 24% in 3% Steps

## Reprogramming HUNT Mode Parameters - See Owner's Manual Section 10

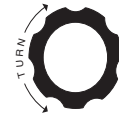
When in reprogramming mode, iTroll presents menus for each changeable parameter in a HUNT program. The order in which the menus are presented vary by HUNT program type:

Stepping Programs:

1. MinSpeed - 2. MaxSpeed - 3. Step Size - 4. Step Time

Bump Programs:

1. TrollSpeed - 2. Time at Troll - 3. BumpSpeed - 4. Time at Bump



Turn Dial to scroll to the menu for the parameter that you want to change



Press Dial to select menu: Not Six Shooter Six Shooter



Stepping, Cut and Bump programs:

Turn Dial to change value  
Press Dial to STORE value  
Press Exit to go back without change



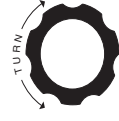
EXIT Reprogramming Returns to Start Screen or resumes running HUNT Program



Six Shooter programs:  
Turn Dial to change value  
SHORT Press Dial to change resolution Throttle Screens - 1.0% or 0.1% Time Screens - 1 or 5 seconds  
LONG Press Dial to store value  
Press Exit to go back without change



HOLD for 5 seconds Screen to program HUNT Low Limit is first to appear.



Turn Dial to change displayed Low Limit Value  
PRESS Dial to store new value



Turn Dial to change displayed High Limit Value  
PRESS Dial to store new value and return to throttle programming screen

Hunt Low Limit applies to: MinSpeed, CutSpeed, and iTrollSpeed.in.Bump.programs  
Hunt High Limit applies to: MaxSpeed, iTrollSpeed.in.CUT.programs, BumpSpeed and ALL Throttles in Six Shooter Programs



EXIT Low Limit Programming

iTroll has safety limits for the above parameters shown in RED. These safety limits are the upper limit to which a parameter can be set. If you wish to change the safety limits, you must be in one of the programming menus that the safety limits apply to.