



1515 CR 1 Tiffin, Ohio 44883

Main: 419.448.9891 Fax: 419.937.1890

www.irvingequipment.net

---

### **Brief Overview of Slowing Down and Speeding Up of Boom Functions for Scanreco Radio Units:**

Move boom to open area free from any obstructions, especially power lines. Fully extend outrigger legs, making sure all 4 outriggers are down on the pads and truck is level.

· Make sure pump 'forward – reverse' is set to neutral (center) and the volume control is set at MAX for open loop units and MIN for closed loop (HPG) units.

1. Engine must be running at maximum pump speed.
2. Programming screen is located in black box in left front corner of pump. Remove rectangular black box cover held on by 4 screws to view screen.
3. Plug in hardwire cord to black box and either controller. Remove remote battery (if it has one).
4. Twist and release the red E-stop button.
5. Press the 'ON' button (round button to immediate right of e-stop), slowly until horn sounds (2 -3 times).
6. Within 10 seconds of horn sounding, toggle the "Turtle & Rabbit" switch (1<sup>st</sup> switch left of e-stop) vigorously to the right, or toward rabbit until "P" comes on – designating program mode.
7. After "P" appears on screen, wait approximately 45 seconds, press start button to change programs, press the E-stop at any time to save your changes and stop.

- A. Program #0 (P-0) changes nothing
- B. Program #1 (P-1) swaps the up-down on the joysticks (or left-right)
- C. Program #2 (P-2) changes the functions starting speed at the joystick center.
- D. Program #3 (P-3) changes the max speed in high speed (rabbit)
- E. Program #4 (P-4) changes the max speed in slow speed (turtle)

**Under no circumstances use Program 5,6,or above this will cause problems to your system.**

#### **To change speeds (while in the correct program).**

1. Engage function joystick – for example, "swing to the left", while holding joystick in the swing to the left position.
2. Toggle the "Turtle" switch to the left to speed up the function.
3. Toggle the "Rabbit" switch to the right to slow down the function.

Program #3 will only control the Rabbit switch; to adjust the speed on the Turtle control, push start button one time to hit "P-4".

**Caution: If you go past P-4 you must push e-stop button in, wait 30 seconds, and start over. DO NOT under any circumstances use programs 5 or 6.** When complete push controller E-stop IN (to save changes), disconnect hard wire reinstall waterproof box cover making sure all 4 screws are tight.