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Alltrax XCT Function Knob Boxes: FN1 for SR Series Motor Controllers

File: DOC113-015-A_FN1-SR_Operators-Manual.pdf, Released Rev A, EC-051216

ALLTRAX PN: FN1-SR

The SR motor controllers have one "User Input" or commonly called Personality Switch that allow for set user profiles or interactive adjustments of Speed while driving. SR Controllers use color coded inputs with a label showing the connections.

1. RED = KSI
2. BLACK = SOLENOID COIL NEGATIVE
3. BLUE: REVERSE
4. GREEN: USER FN Box input

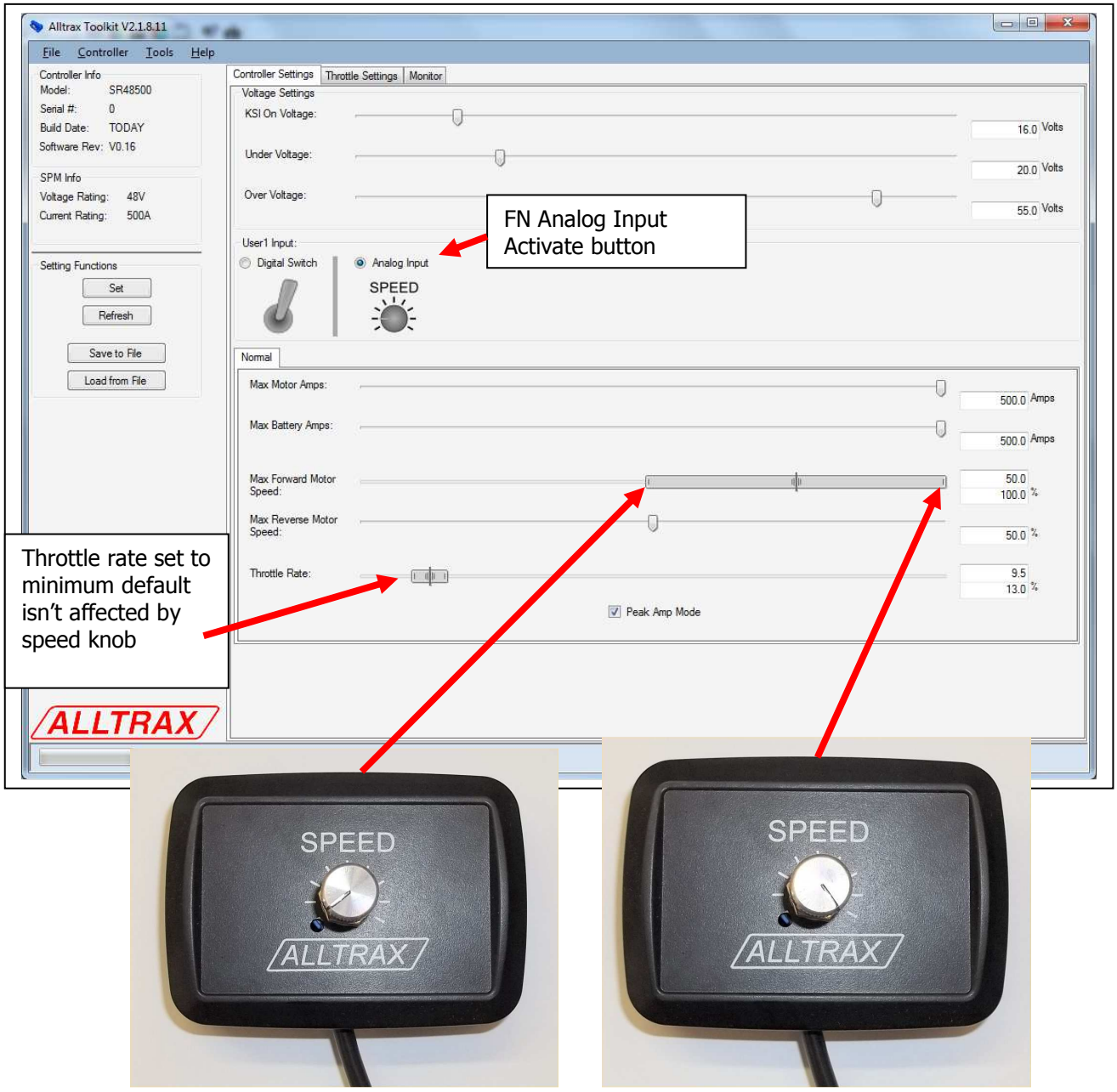
FN1
ONE Potentiometer for SPEED

The FN Function box requires KSI voltage input, so we use the supplied TAB-TAP to connect both Key Switch Input and the FN Box power.

Download the latest Alltrax TOOLKIT Version 3.0 (or above) from the Alltrax web site: www.alltraxinc.com.

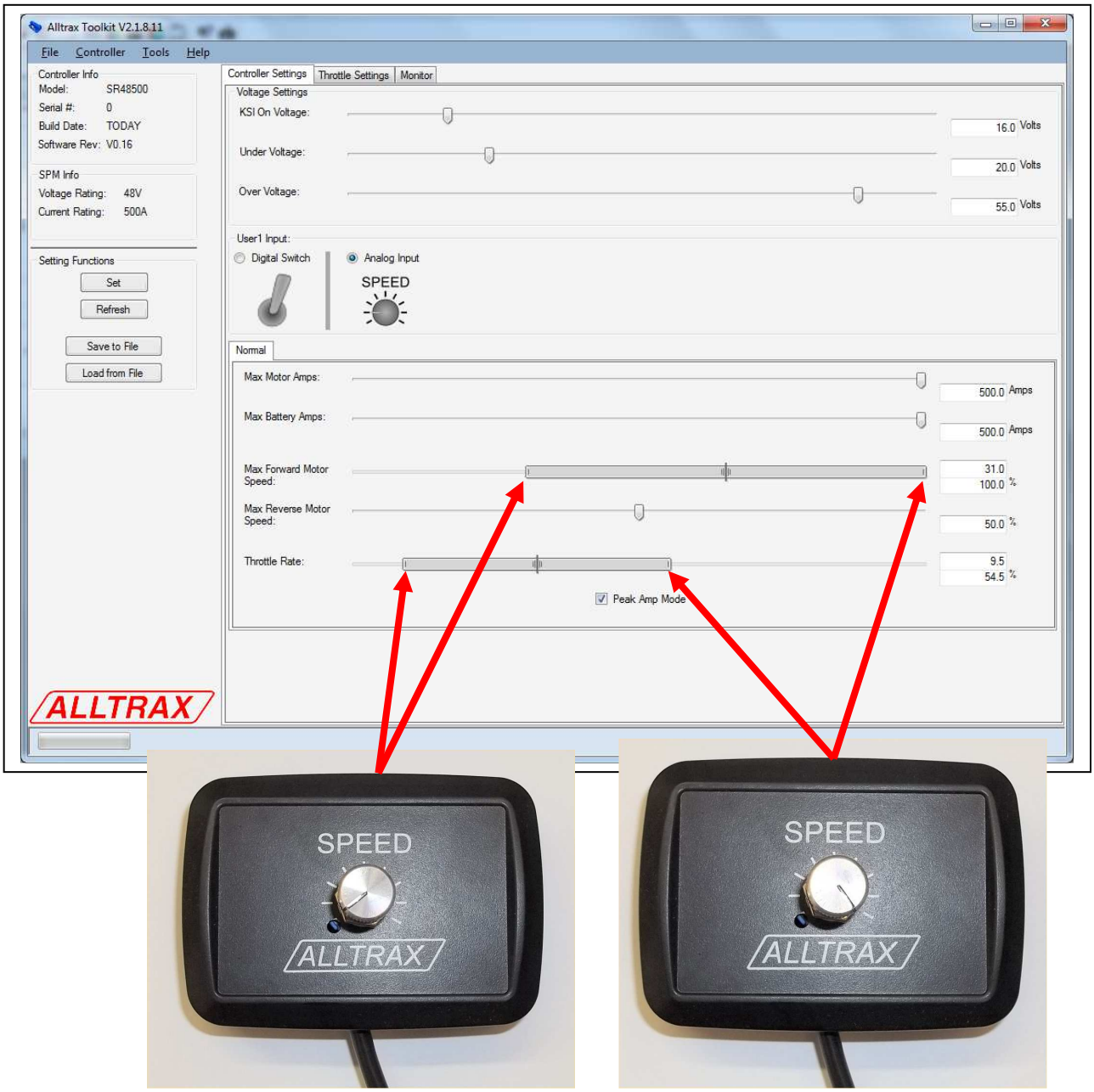
Using toolkit, the function knob pertains to the control slider bar in software. You can set the Minimum (full-left = CCW) and max (full right = CW) values that correlate to knobs rotation.

Click the Analog Input radio button to activate the FN control box.

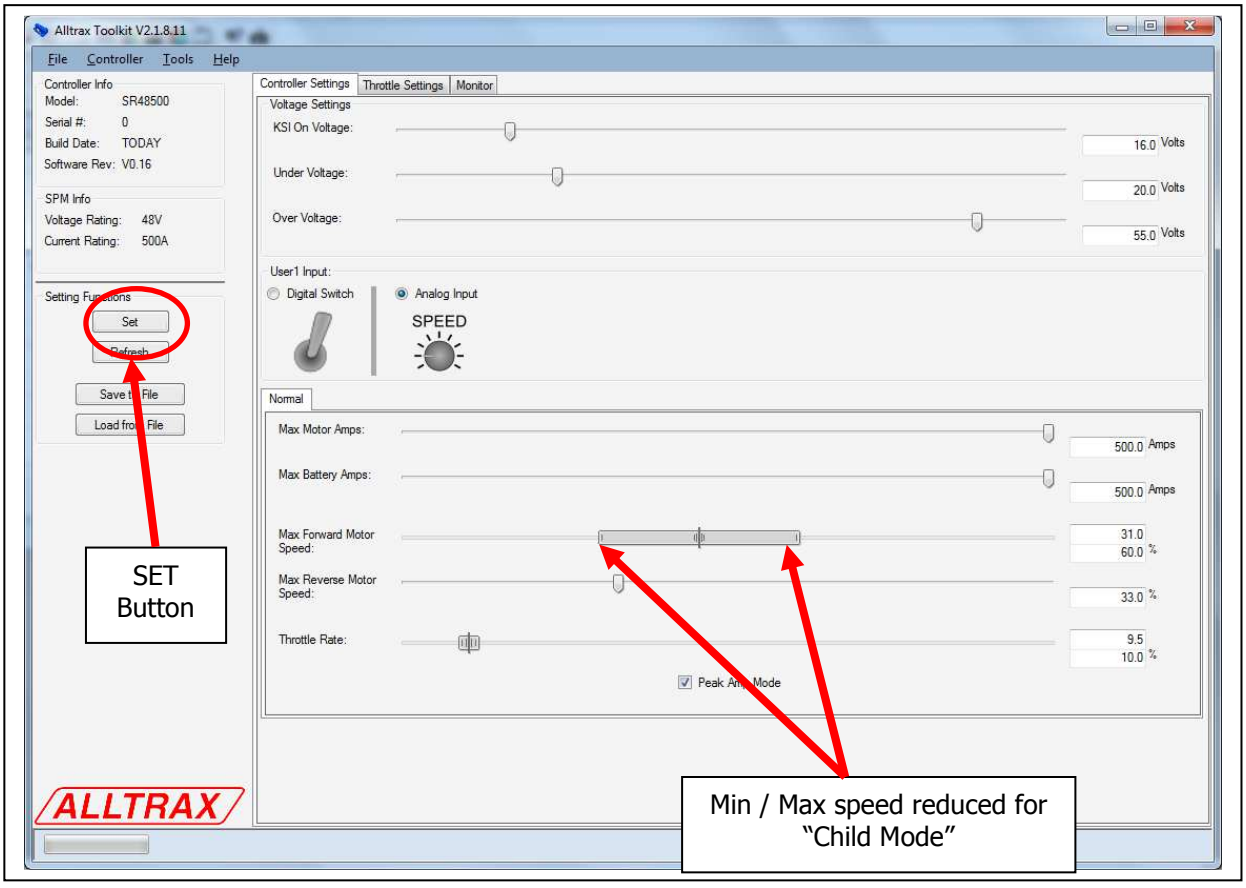


With the "SPEED" and "Throttle Rate tied together in software, you can adjust both sliders for "mild to wild" so when the Speed pot is full left minimum, the throttle rate AND the speed are soft and slow. When the knob is at full right (Clock wise) is fast and wild. You can tune these two parameters for driving style.

With the knob to full left CCW, you save power and reduce battery draw, at full right CW (in this example) its full power performance mode.



When the kids come over, set the box for mild mode. Then they can't get into too much trouble.



Once you have your settings configured – PRESS SET to program the controller and you're all done!

If you have any feedback or comments for these instructions, please email info@alltraxinc.com as we value our customers input, we make feature rich performance products based on our customers input.

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