**Update to version 23.10.28 of Wireless Throttle with JMRI Withrottle Server**

Christoph Hauenstein - Nov.08.2023.

The network credentials are no longer hardcoded in the program.

They can be manually entered during the setup that can be called during the first 5 seconds after the throttle is turned on, while the following display appears:



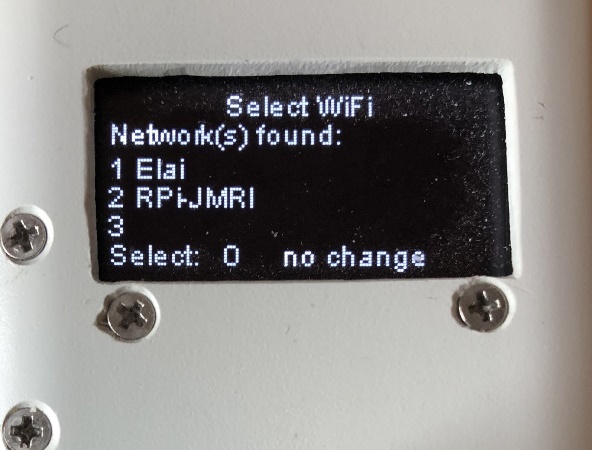
Press the Stop button within 5 seconds. The following display appears:



Select number of throttles you prefer, press down on knob. Next display:



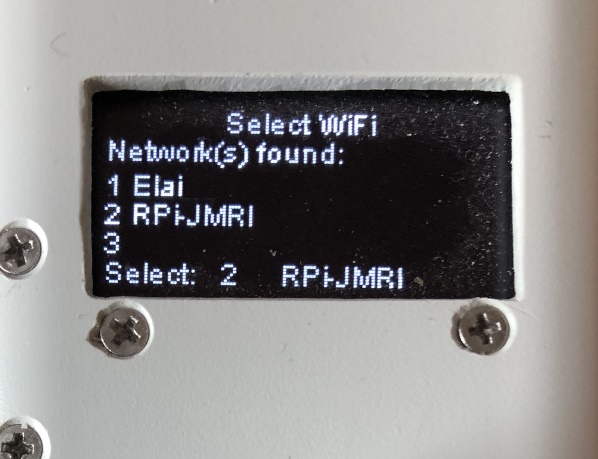
The throttle now searches for nearby networks:



Select 0 to bypass this step with no change.

Turn the knob for your choice.

In the example below the knob was turned for choice 2:



Push down on knob to save your selection.

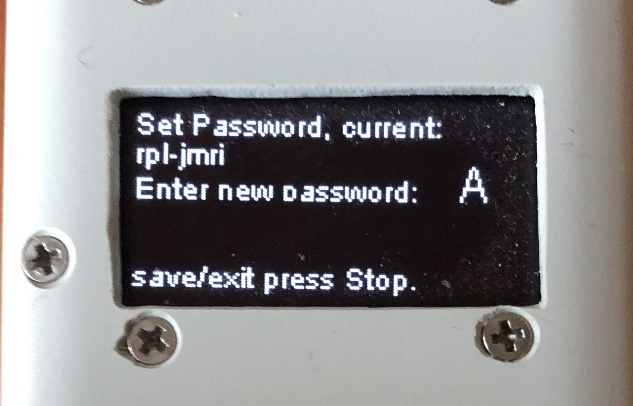
The display for setting the network password appears:

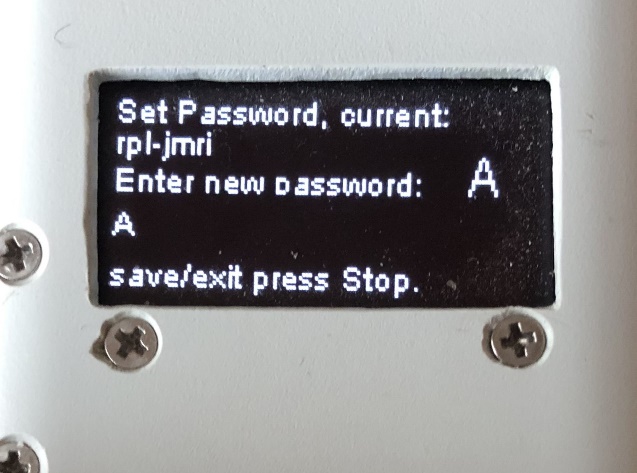


Turn the knob to enter the first letter, or press Stop to exit without change,

Or to select the default (hardcoded) password “rpI-jmri” by pressing the ‘coupler button’ = switch S2. See description for setting Host IP address further down.

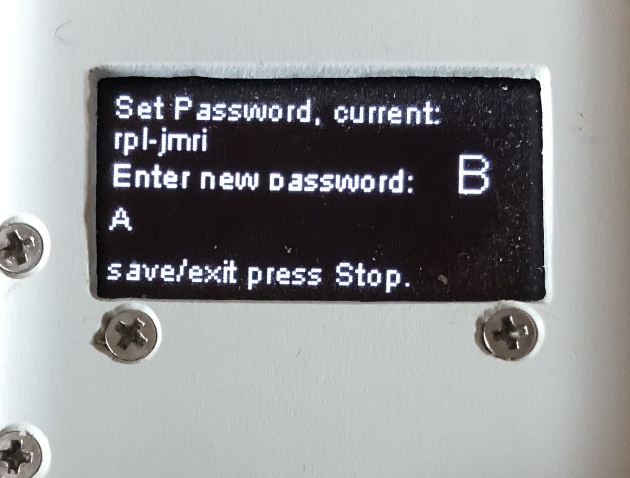
The knob was turned so the first choice letter appears:



Turn the knob until the right letter/number/special character is displayed, then push down on the knob to save your selection:

Your choice is added to the next line for displaying the full password.

Turn knob for next letter:



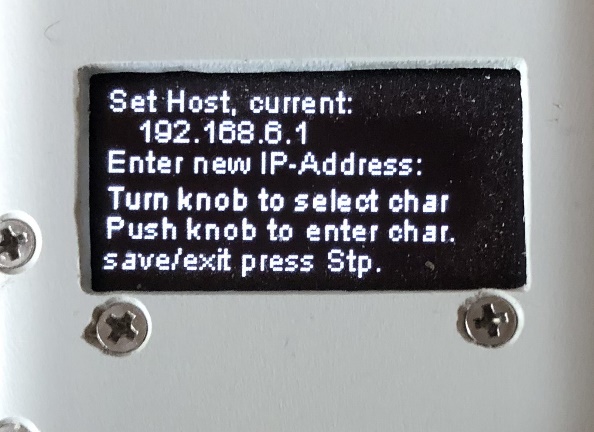
Push down on knob to save.

The letter is was added to the password in progress:



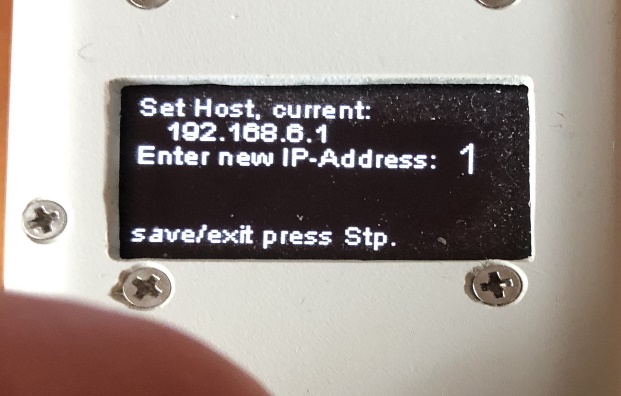
Press Stop to save and exit password setup when finished.

Next step, enter the Host IP Address:



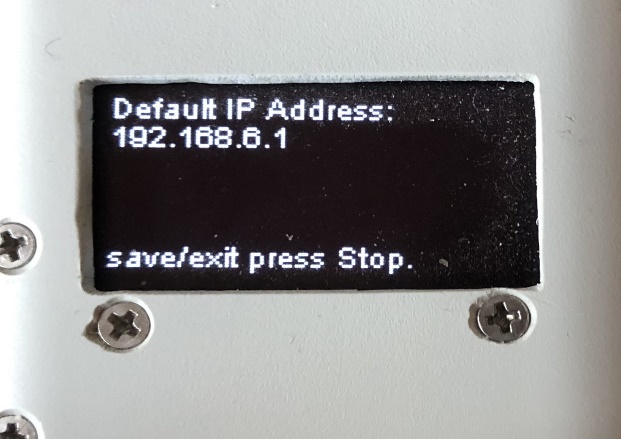
Turn the knob to enter the first number, or press Stop to exit without change,

Or press S2 (coupler button) to select the default IP address 192.168.6.1 which is the one for Steve Todds Rasberry Pi JMRI WiThrottle Server. See image after next.

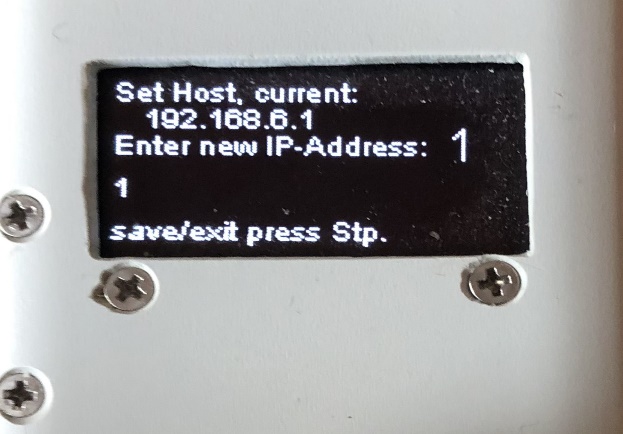


Knob was turned for first number.

Alternately press S2 button (coupler button) if default Host IP Address is used:

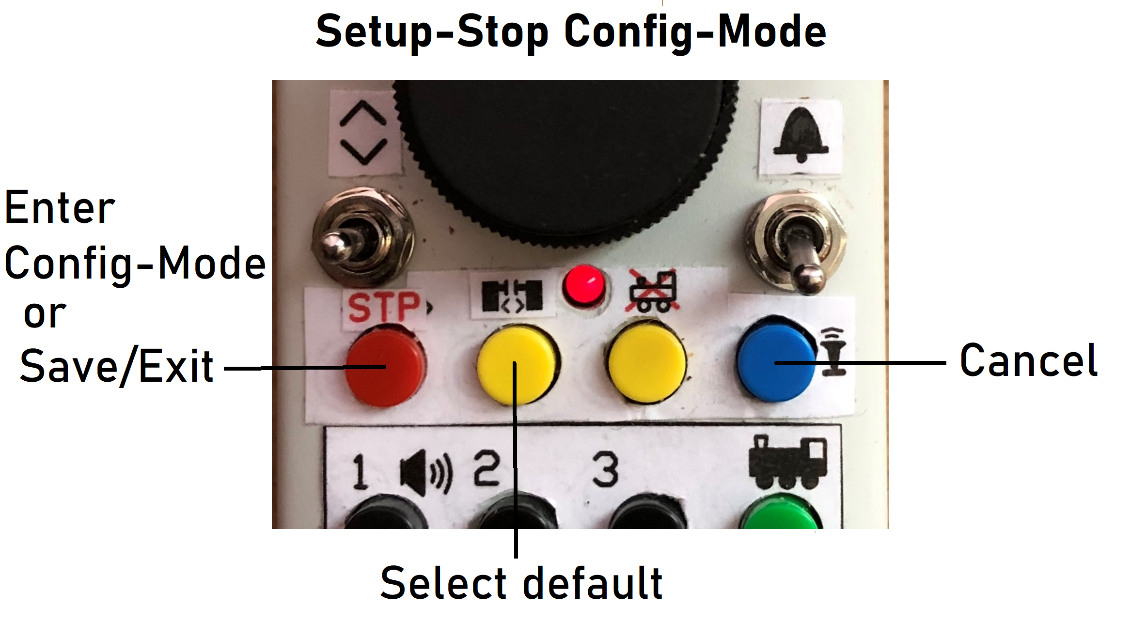


Not using the default: the next steps follow the same pattern as entering the password:



When finished, save and exit by pressing Stop. The throttle starts the normal startup procedure.

Buttons used for this setup procedure:



In case you want different default values for the network password and host ip address you can change them by altering the following variables in the source code ‘sketch\_WiFi\_Multi\_Throttle\_v1\_231028’:

char\* dftpass = "rpI-jmri";

char\* dfthost = "192.168.6.1";

The lengths of password and host address as well as the Network SSID are limited to 25 characters.