

MTR3000 SpectraTAC Voting Default Programming

Below are the default programming settings for the MTR3000 wireline control via TRC settings for SpectraTAC Voting mode.

Under Accessories, select GPIO Physical Pins, and make the selections shown below:

The screenshot shows the 'Accessories' configuration page with the 'GPIO Physical Pins' sub-section selected. It displays a table of pin configurations with columns for Pin #, Feature, Active Level, and Debounce.

Pin #	Feature	Active Level	Debounce
Pin #2, #11	External PTT	Low	<input checked="" type="checkbox"/>
Pin #4	PLTalkgroup Detect	Low	<input type="checkbox"/>
Pin #5	Unassigned	Low	<input type="checkbox"/>
Pin #8, #25	Channel Select 2	Low	<input type="checkbox"/>
Pin #10, #12	Channel Select 3	Low	<input type="checkbox"/>
Pin #16	CSQ Detect	Low	<input type="checkbox"/>
Pin #21	Unassigned	Low	<input type="checkbox"/>
Pin #23	Monitor	Low	<input type="checkbox"/>
Pin #24	Channel Select 1	Low	<input type="checkbox"/>

Then select Wireline, and make the selections shown below:

The screenshot shows the 'Accessories' configuration page with the 'Wireline' sub-section selected. It displays various configuration options for wireline control.

Remote Control Mode	TRC7
Wire Mode	4 Wire
Line Impedance	600 Ohm
TX Guard Tone	2175 Hz
PTT Dropout Timer (ms)	150
Revert Channel	Analog
Monitor Mode	Latching
Squelch Hysteresis (dB)	2
HLGT ALC Mode	<input checked="" type="checkbox"/>
Status Tone	<input checked="" type="checkbox"/>
RX Guard Tone	<input type="checkbox"/>
Repeater Fallback Timer (ms)	150
RX Squelch Mode	Carrier or PL/DPL

Revert Channel can be "None" or any of the Channel names listed in the customer's Zone list. The example here of "Analog" will almost certainly not show up in the customer's codeplug, as it is copied from an example codeplug built in the SSC Lab.