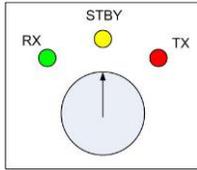The first thing I did with the W6PQL sequencer is modify it. I wanted complete fail safe, so that if sequencer power failed, the isolation relay is deenergized and the LNA is terminated in 50 Ohms.

When I operate CW I use a rotary switch as my 'manual' sequencer. When I operate WSJT mode, I place the rotary switch in standby, and switch the sequencer 12v power on.
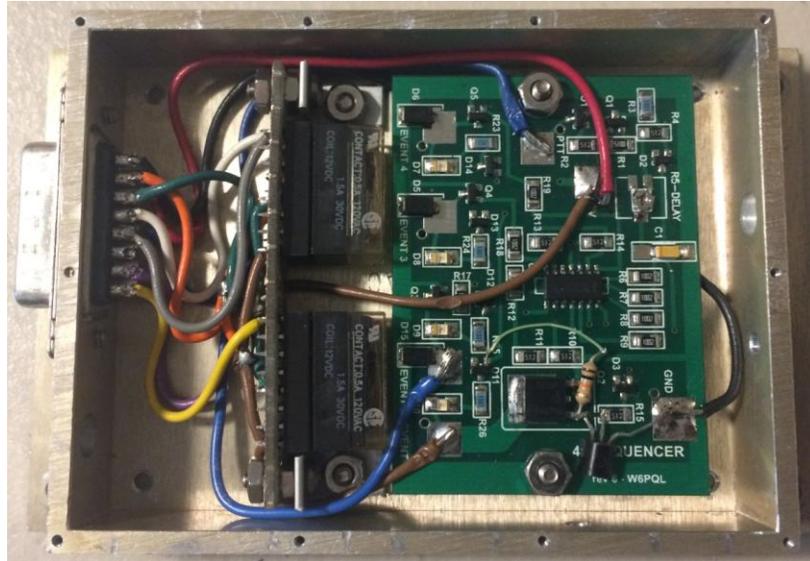

This causes the sequencer to energize the LNA isolation relay which connects the LNA to the antenna. When PTT occurs the isolation relay is de-energized (event #1) terminating the LNA in 50 Ohms. Milliseconds later event #2 happens, enabling the exciter and, when applicable, the TX high power relay. These are the only events I use in my sequencer.
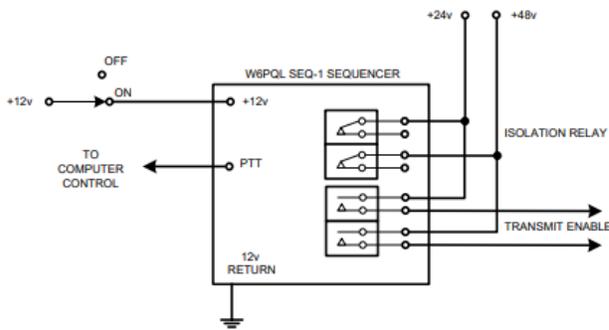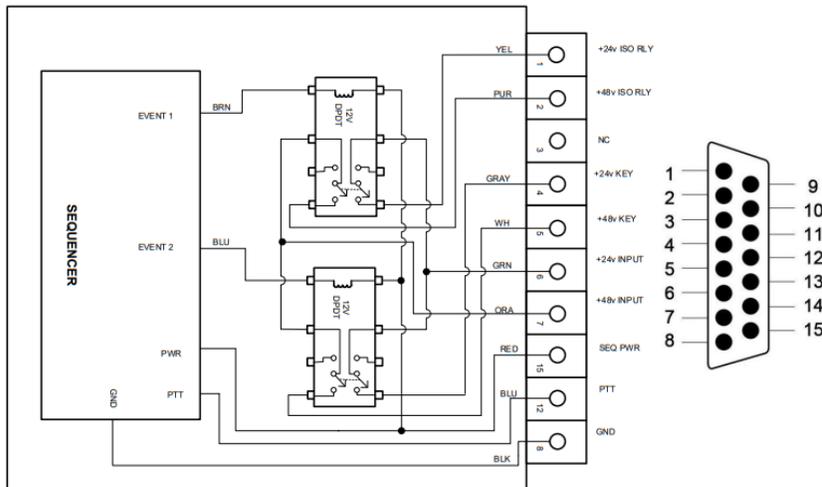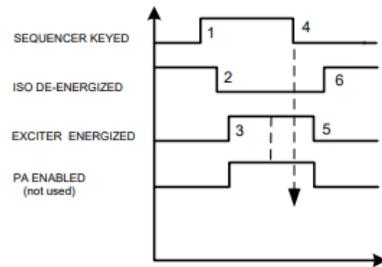
My first bands on EME back in Y2k used 48v relays so I interface the sequencer to a pair of relays so I switch both 24v and 48v.

Modified 16-May-2020