

If m=2:

T2,0 changes the slope to 6 dB/oct, time constant not changed.

T2,1 changes the time constant to 100 ms with 12 dB/oct slope.

T2,2 changes the time constant to 1 s with 12 dB/oct slope.

Use the T2,n command to change the filter slope, then use T1,n to select the time constant.

U m {,n}

Not implemented. Do not use.

V {n}

Change the value of the SRQ mask. **This command changes the serial poll enable register of the SR830. The serial poll byte is that of the SR830 not the SR530! Programs which query the SR530 status need to be changed to query the equivalent SR830 status byte.**

W n

Not implemented. Do not use.

X n {,v}

Set or query the auxiliary analog ports. If n=1,2,3 or 4, the value of Aux Input n is returned. **If n=5 or 6, then the Xn,v sets the value of Aux Output 1 or 2 to v Volts. The X5 ratio is NOT implemented. Ratio outputs must be done using the SR830 display ratio mode.**

Y {n}

Not implemented. Do not use. Use the SR830 status commands to read the SR830 status bytes.

Z

Reset the SR830. **The instrument is reset to the SR830 default setup listed in the Operation section. This differs slightly from the SR530 default. (The sensitivity is set to 1 V, not 500 mV).**