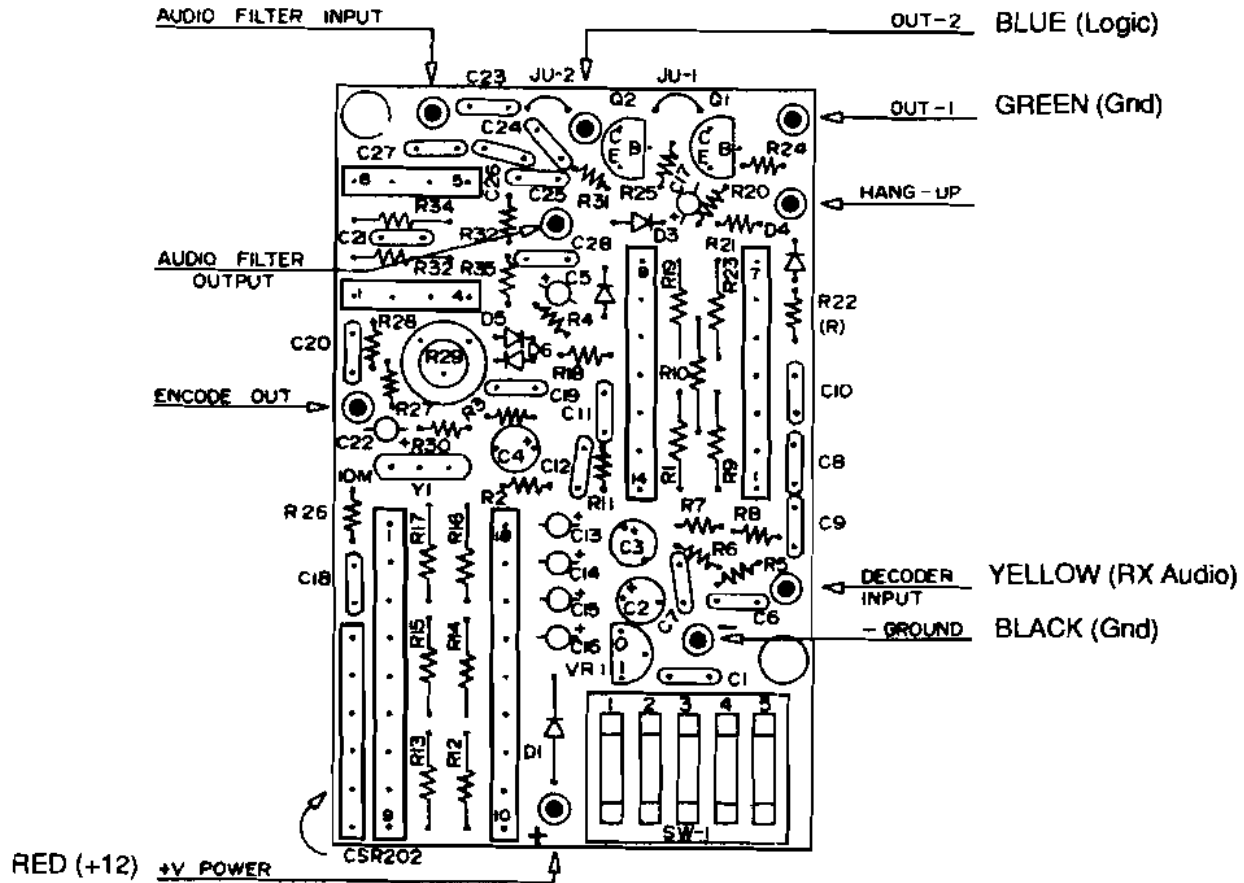


Installation of the TS-32P to the RC-85 Repeater Controller



Cut JU-2 on the TS-32P board.

Mount the TS-32P at the repeater or near the RC-85 controller with the hardware provided with the TS-32P.

Install a 5.6K 1/4 watt resistor from U14-4 to RN4-1 on the RC-85 board. Make sure the leads don't short to any other pins or traces on the board.

Wire the TS-32P to the RC-85 as shown in the table below.

TS-32P	RC-85	WIRE
OUT 2	J3-6	BLUE
HANG-UP	GND*	GREEN
DECODER-IN	J4-7	YELLOW
- GROUND	GND*	BLACK
+V POWER	CR2**	RED

*For this connection use one of the GND bus feedthroughs located between J3-14 and R12.

**Attach to the cathode side of diode (marked with the bar).

DIP SWITCH PROGRAMMING (FOR CTCSS PRODUCTS)

#	FREQ.	CODE	SWITCH NUMBER*				
			5	4	3	2	1
1	67.0	XZ	0	0	0	0	0
2	71.9	XA	0	0	0	0	1
3	74.4	WA	0	0	0	1	0
4	77.0	XB	0	0	0	1	1
5	79.7	SP	0	0	1	0	0
6	82.5	YZ	0	0	1	0	1
7	85.4	YA	0	0	1	1	0
8	88.5	YB	0	0	1	1	1
9	91.5	ZZ	0	1	0	0	0
10	94.6	ZA	0	1	0	0	1
11	97.4	ZB	0	1	0	1	0
12	100.0	1Z	0	1	0	1	1
13	103.5	1A	0	1	1	0	0
14	107.2	1B	0	1	1	0	1
15	110.9	2Z	0	1	1	1	0
16	114.8	2A	0	1	1	1	1
17	118.8	2B	1	0	0	0	0
18	123.0	3Z	1	0	0	0	1
19	127.3	3A	1	0	0	1	0
20	131.8	3B	1	0	0	1	1
21	136.5	4Z	1	0	1	0	0
22	141.3	4A	1	0	1	0	1
23	146.2	4B	1	0	1	1	0
24	151.4	5Z	1	0	1	1	1
25	156.7	5A	1	1	0	0	0
26	162.2	5B	1	1	0	0	1
27	167.9	6Z	1	1	0	1	0
28	173.8	6A	1	1	0	1	1
29	179.9	6B	1	1	1	0	0
30	186.2	7Z	1	1	1	0	1
31	192.8	7A	1	1	1	1	0
32	203.5	M1	1	1	1	1	1

*CLOSED = 0 (ON)
OPEN = 1 (OFF)