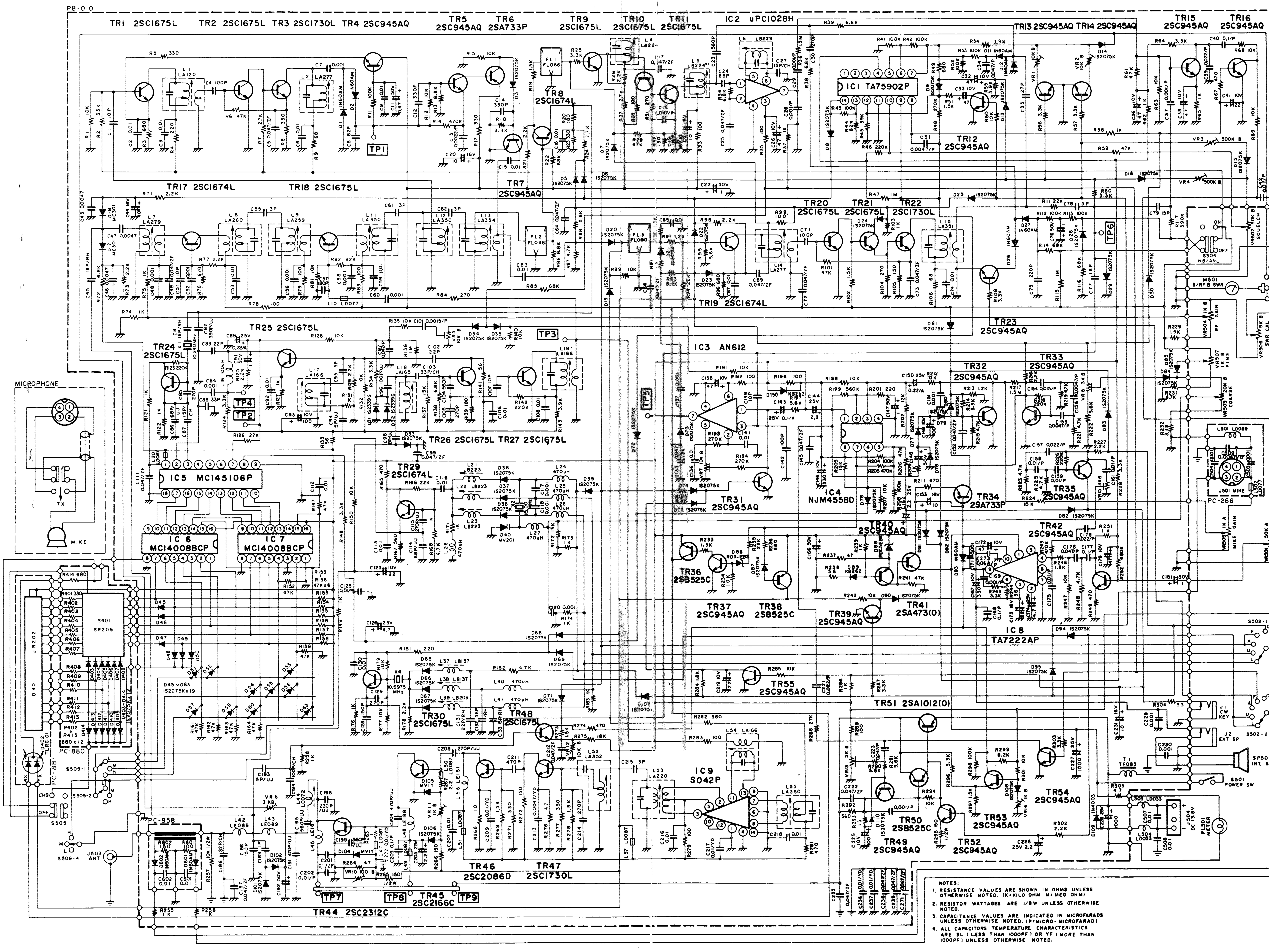
SCHEMATIC DIAGRAM



NOTES:

1. RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED. (K=KILO OHM M=MEG OHM)
2. RESISTOR WATTAGES ARE 1/8W UNLESS OTHERWISE NOTED.
3. CAPACITANCE VALUES ARE INDICATED IN MICROFARADS UNLESS OTHERWISE NOTED. (P=MICRO-MICROFARAD)
4. ALL CAPACITORS TEMPERATURE CHARACTERISTICS ARE SL (LESS THAN 1000PF) OR YF (MORE THAN 1000PF) UNLESS OTHERWISE NOTED.

FREQUENCY RANGE

The SUPER STAR 360 FM transceiver represents one of the most advanced SSB/CW/AM/FM two-way radios ever designed for use as the Citizens Radio Service. This unit features advanced Phase Lock Loop (PLL) circuitry, which is used in the AM/FM mode, in the upper and lower single sideband modes and in the CW mode providing complete coverage of all 120 channels shown below.

CH	FREQUENCY IN MHZ		
	HI	MID	LOW
1	27.415	26.965	26.515
2	.425	.975	.525
3	.435	.985	.535
4	.455	27.005	.555
5	.465	.015	.565
6	.475	.025	.575
7	.485	.035	.585
8	.505	.055	.605
9	.515	.065	.615
10	.525	.075	.625
11	.535	.085	.635
12	.555	.105	.655
13	.565	.115	.665
14	.575	.125	.675
15	.585	.135	.685
16	.605	.155	.705
17	.615	.165	.715
18	.625	.175	.725
19	.635	.185	.735
20	.655	.205	.755

CH	FREQUENCY IN MHZ		
	HI	MID	LOW
21	.665	.215	.765
22	.675	.225	.775
23	.705	.255	.805
24	.685	.235	.785
25	.695	.245	.795
26	27.715	27.265	26.815
27	.725	.275	.825
28	.735	.285	.835
29	.745	.295	.845
30	.755	.305	.855
31	.765	.315	.865
32	.775	.325	.875
33	.785	.335	.885
34	.795	.345	.895
35	.805	.355	.905
36	.815	.365	.915
37	.825	.375	.925
38	.835	.385	.935
39	.845	.395	.945
40	.855	.405	.955

The SUPER STAR 360 FM has a vastly superior receiver which includes an RF gain control and noise blanker circuitry effective in both AM/FM and SSB/CW modes, and an automatic noise limiter effective in the AM mode. The receiver also features increased protection against cross modulation and strong adjacent channel signals.

To obtain maximum performance from your transceiver, please read carefully the following descriptions and operating instructions.