



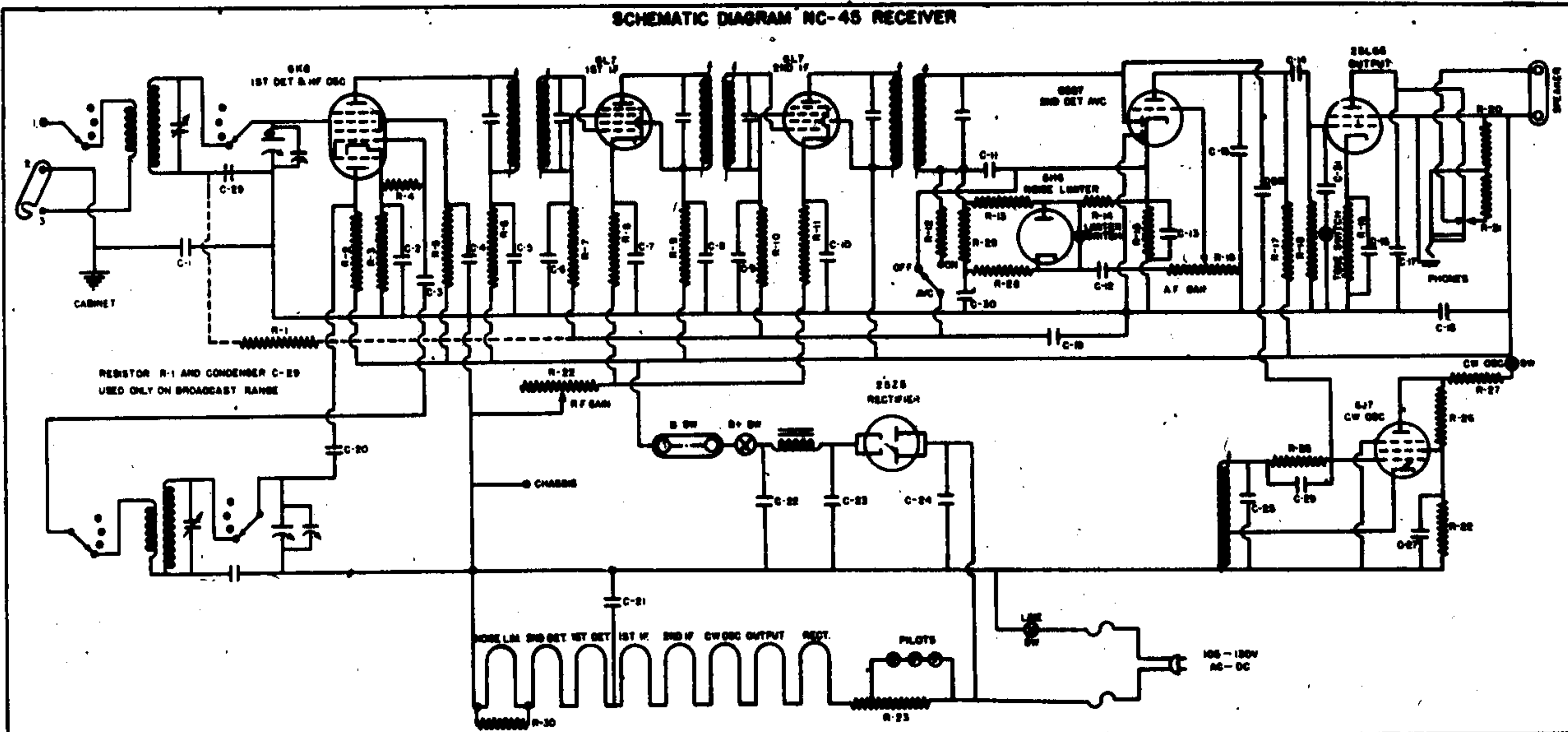




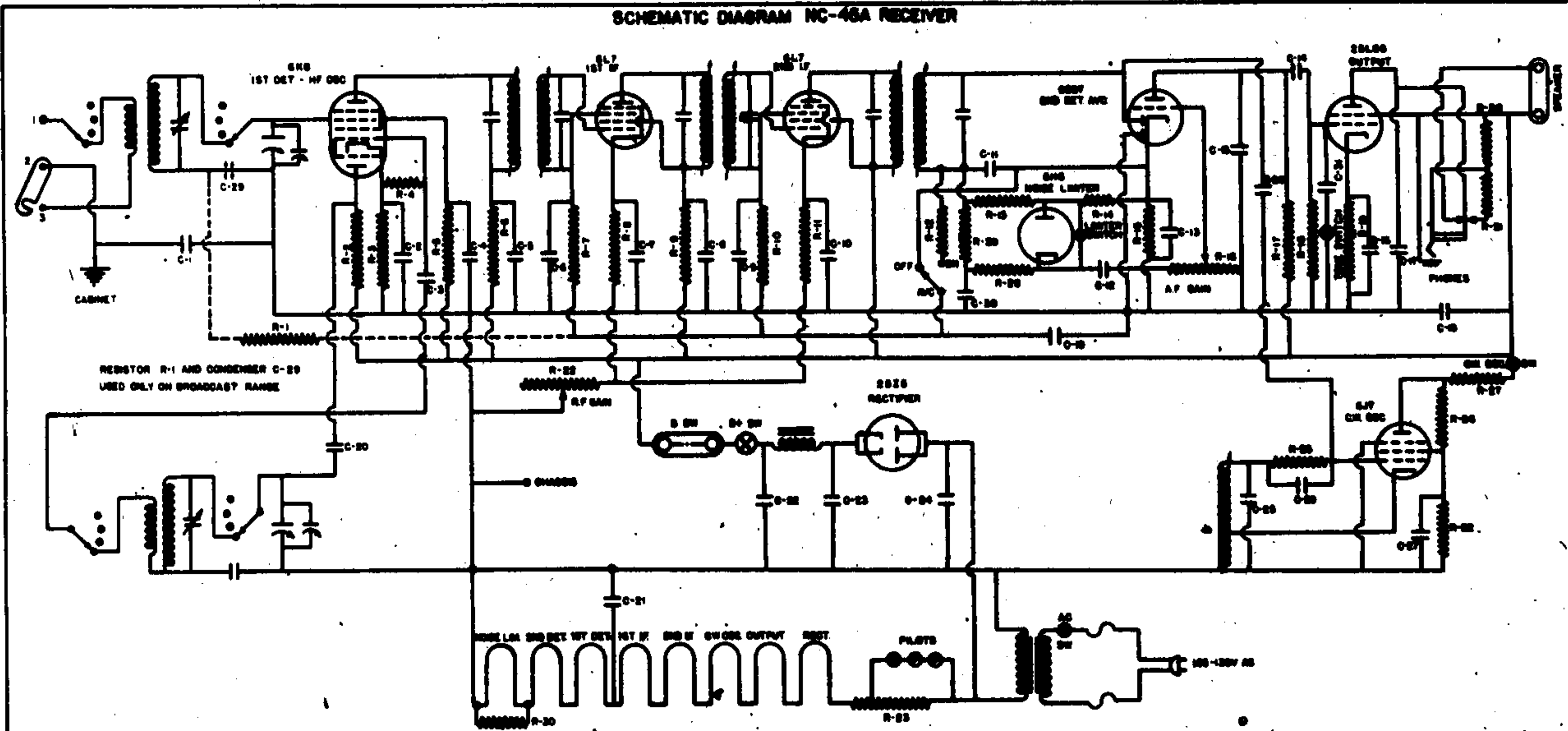
MODEL NC-45  
MODEL NC-45A  
MODEL NC-45B

NATIONAL CO., INC.

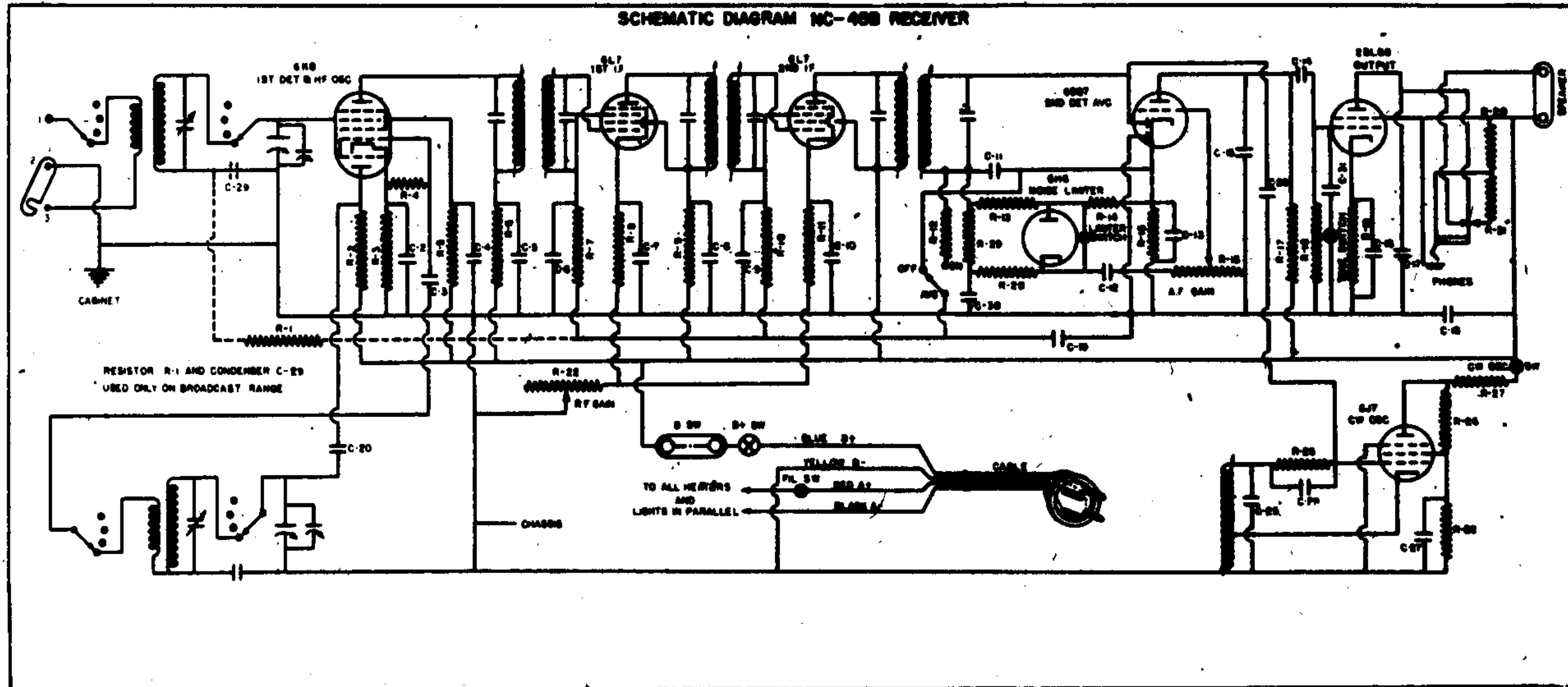
SCHEMATIC DIAGRAM NC-45 RECEIVER



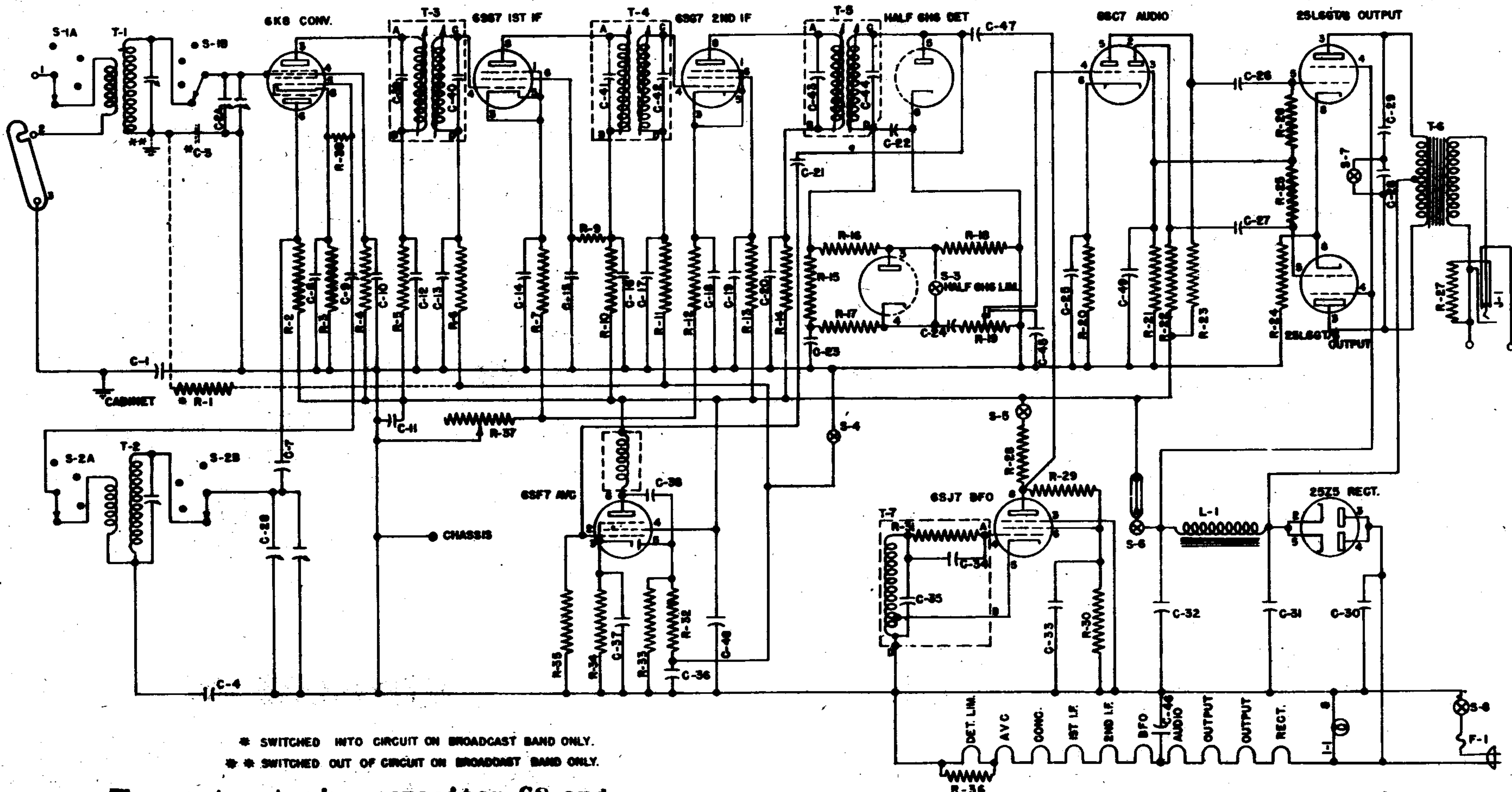
SCHEMATIC DIAGRAM NC-45A RECEIVER



SCHEMATIC DIAGRAM NC-45B RECEIVER



IF PEAK 456 KC



The master tuning capacitor C2 and four sets of associated coils are used to tune the frequency range of the receiver in four tuning bands for both general coverage and bandsread operation.

The overall frequency coverage of the four bands is as follows:

Band A	11.5	-	30.0 MC
Band B	4.4	-	12.0 MC
Band C	1.55	-	4.6 MC
Band D	0.54	-	1.6 MC

The following bands in the short wave ranges are tunable by the bandsread capacitor and are spread as follows:

3.5 - 4.0 MC	65 Divisions
7.0 - 7.3 MC	50 Divisions
14.0 - 14.4 MC	56 Divisions
28.0 - 30.0 MC	40 Divisions