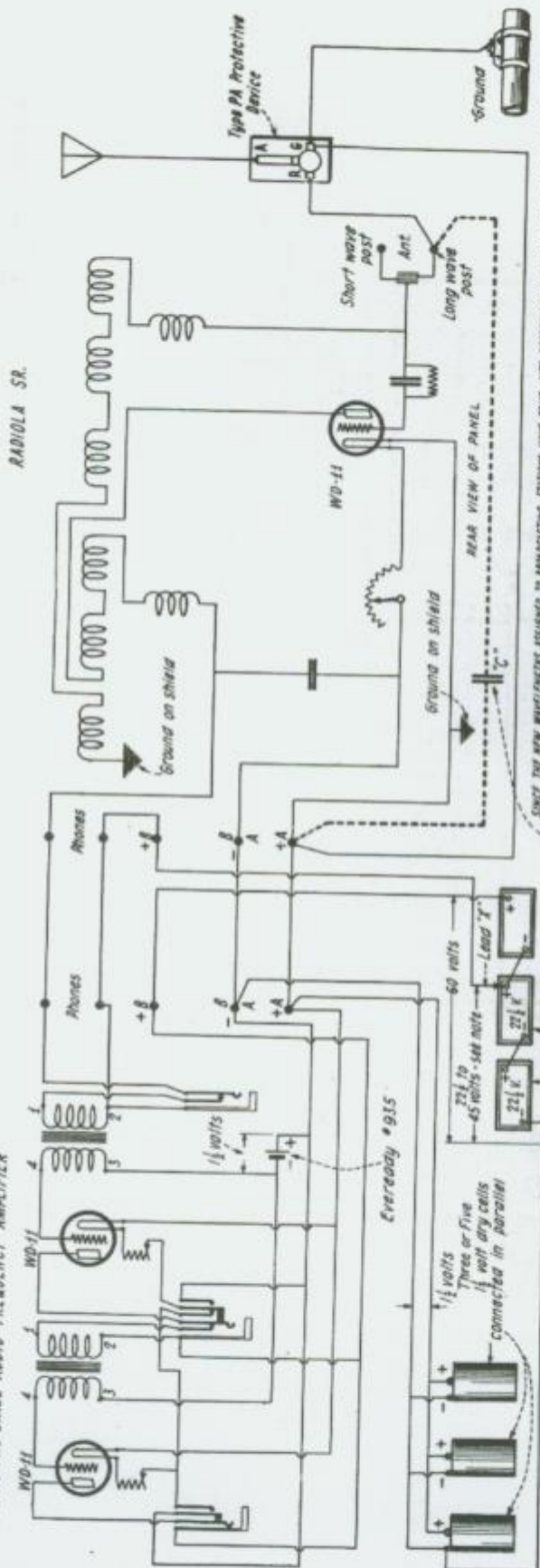


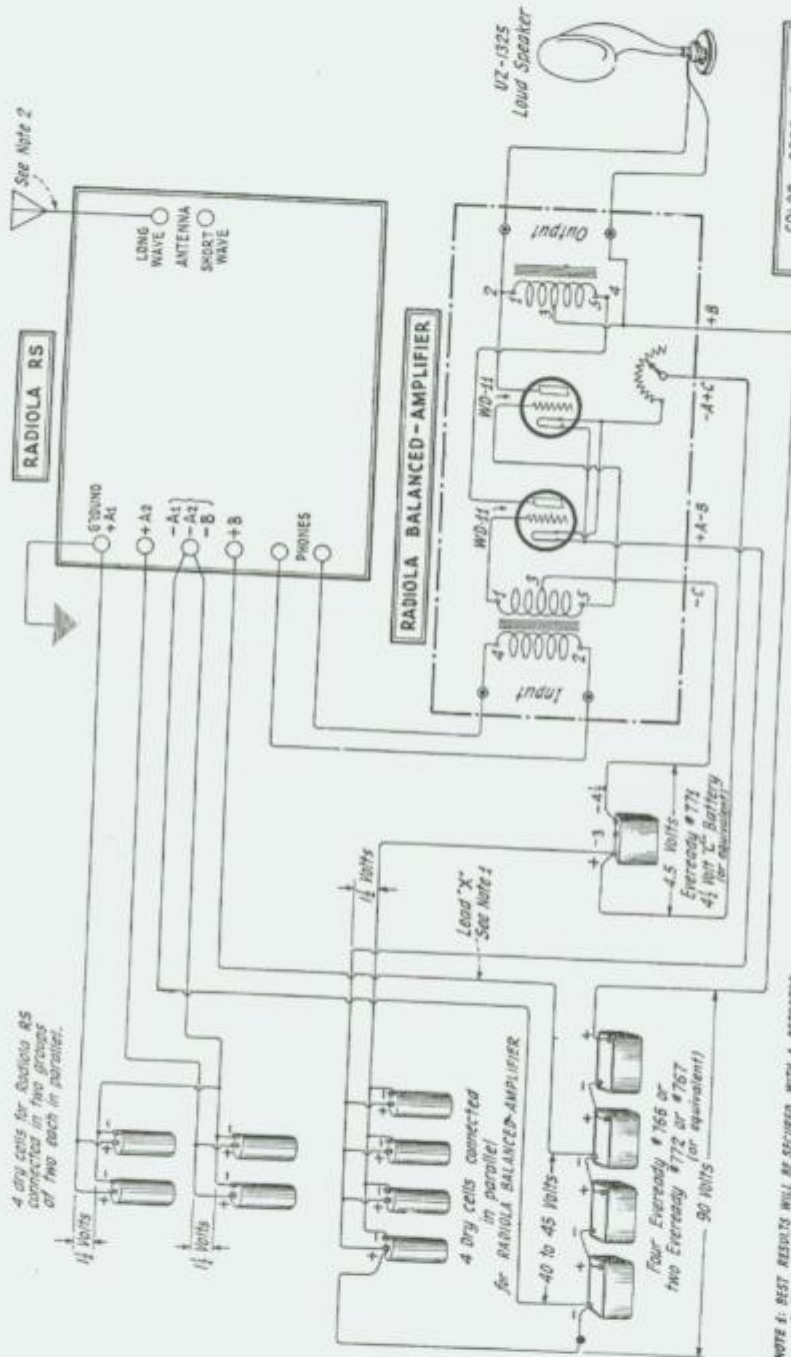
RADIOLA SR. AND TYPE A C AMPLIFIER

TYPE AC TWO STAGE AUDIO FREQUENCY AMPLIFIER



NOTE: THE BEST DETECTOR PLATE VOLTAGE MAY BE 275 OR 45 VOLTS AS THE BEST DETECTOR VOLTAGE MAY VARY SOMEWHAT WITH DIFFERENT MANUFACTURERS OF THE SAME TYPE. THE USER SHOULD EXPERIMENT WITH BOTH VALUES AND CORRECT LEAD "X" TO THE VOLTAGE TAP GIVING THE LOWEST SIGNAL.

NOTE: SINCE THE NEW WAVELENGTHS ASSIGNED TO BROADCASTING STATIONS HAVE GONE INTO EFFECT SOME OF THE STATIONS ARE BROADCASTING ON WAVELENGTHS SHORTER THAN THOSE WHICH CAN BE EFFICIENTLY RECEIVED IN THE RADIOLA. SINCE THE RADIOLA SERVO, FOR RECEPTION OF THESE LONG WAVE STATIONS, A WAVELENGTH CONDENSER "C" CAN BE CONNECTED EXTERNALLY BETWEEN THE "LONG WAVE POST" AND THE "A" OR "GROUND POST". THE ANTENNA IS ALWAYS CONNECTED TO THE LONG WAVE POST WHEN THE CONDENSER IS USED. ON A LONG ANTENNA (100 FEET OR MORE) CONDENSER "C" SHOULD BE CONNECTED TO THE "A" POST. ON A SHORT ANTENNA (50 FEET OR LESS) CONDENSER "C" SHOULD BE CONNECTED TO THE "GROUND POST". SINCE THE NEW WAVELENGTHS ASSIGNED TO BROADCASTING STATIONS HAVE GONE INTO EFFECT SOME OF THE STATIONS ARE BROADCASTING ON WAVELENGTHS SHORTER THAN THOSE WHICH CAN BE EFFICIENTLY RECEIVED IN THE RADIOLA. SINCE THE RADIOLA SERVO, FOR RECEPTION OF THESE LONG WAVE STATIONS, A WAVELENGTH CONDENSER "C" CAN BE CONNECTED EXTERNALLY BETWEEN THE "LONG WAVE POST" AND THE "A" OR "GROUND POST". THE ANTENNA IS ALWAYS CONNECTED TO THE LONG WAVE POST WHEN THE CONDENSER IS USED. ON A LONG ANTENNA (100 FEET OR MORE) CONDENSER "C" SHOULD BE CONNECTED TO THE "A" POST. ON A SHORT ANTENNA (50 FEET OR LESS) CONDENSER "C" SHOULD BE CONNECTED TO THE "GROUND POST".



COLOR CODE FOR RADIOLA BALANCED-AMPLIFIER			
LEAD	EARLY PRODUCTION	PRESENT PRODUCTION	
-C	YELLOW	BLACK	BLACK TRAILER
+A-B	RED	RED	YELLOW WITH RED TRAILER
-A+C	BLACK	BLACK	GREEN TRAILER
+B	GREEN	GREEN	YELLOW TRAILER
			RED

CONNECTIONS FOR RADIOLA RS AND BALANCED-AMPLIFIER COMMON "B" BATTERY SUPPLY

NOTE 1: BEST RESULTS WILL BE SECURED WITH A DETECTOR
PLATE VOLTAGE BETWEEN 250 AND 400 VOLTS AS THE BEST
DETECTOR VOLTAGE MAY VARY Slightly WITH DIFFERENT
SUBSTITUTIONS OF THE SAME TYPE. THE USER SHOULD
EXPERIMENT BETWEEN THE LIMITS OF 250 AND 400 VOLTS
AND CONNECT LEAD "X" TO THE VOLTAGE TAB GIVING THE LARGEST
SIGNAL.

NOTE 2: AN ANTENNA HAVING A LENGTH OF 65 FEET
(INCLUDING THE LEAD-IN) IS RECOMMENDED.