



## ALIGNMENT

Alignment procedure should be carried out according to the following table and in the order shown:

Alignment Frequency	Dummy Antenna	Receiver Connection	Items to be adjusted for maximum output and their location
I.F. 455 KC/s	.1 uf	Front Section Gang (Mixer)	I.F. tuning slugs L1, L2, L3, L4 in the I.F. transformers T3 and T4 with non-metallic alignment tool and gang open.
R.F. 1400 KC/s	1000 ohm	Antenna Terminal	(a) Osc. trimmer C4 on center section of gang. (b) R.F. trimmer C2 on rear section of gang. (c) Mixer trimmer C6 on front section of gang.
R.F. 600 KC/s	1000 ohm	Antenna Terminal	(a) Slug in coil T7. (b) Slug in coil T2.

**NOTE:** It is necessary to remove the four corks in the record compartment shelf before removing the four screws securing the chassis in place.

## SPECIFICATIONS

### GENERAL:

The model 6303 Radio Phonograph combination consists of a 6 tube superheterodyne radio receiver and a three speed automatic record changer housed in a console type cabinet.

Plays the following  
PHONOGRAPH UNIT: type of record

Speed	Qty.	Size
78	10	12 "
	12	10 "
45	12	7 "
33 1/3	12	7 "
	12	10 "
	10	12 "

### ANTENNA:

Built-in loop with screw type terminal for connection of outdoor antenna if required.

Milwaukee Series  
11600 Automatic Record Changer used in this receiver.

### GROUND:

Screw type terminal for connection of external ground when an outdoor antenna is in use.

### POWER SUPPLY:

110 - 125 volts

Frequency - 60 c.p.s. 6303A

25 c.p.s. 6303B

Power Consumption Radio: 50 watts

Phonograph: 66 watts

### CONTROLS: (Left to right)-

Volume; Radio-Phono Switch; Tone Control & ON-OFF Switch; Tuning.

### A. V. C.

On 6BA6 R.F. Amplifier,  
6BE6 Converter,  
6BA6 I.F. Amplifier tubes

### POWER OUTPUT:

3.4 watts

### LOUDSPEAKER:

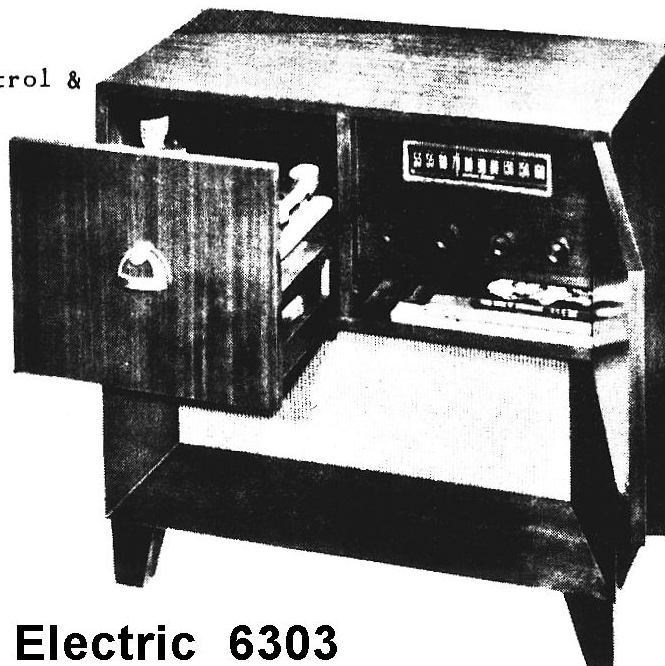
12 "Permanent Magnet.

### FREQUENCY RANGE:

530 - 1600 KC/S

### INTERMEDIATE FREQUENCY:

455 KC/S



**Northern Electric 6303**