

MODEL F-87A

Eight-Tube, Three-Band, A-C Superheterodyne Receiver

Electrical Specifications

FREQUENCY RANGES

"Broadcast" (A)..... 530-1,720 kc
"Medium Wave" (B)..... 2,100-6,800 kc
"Short Wave" (C)..... 6,800-22,000 kc
Intermediate Frequency.....

R-F ALIGNMENT FREQUENCIES

"Broadcast" (A)..... 600 kc (osc.), 1,500 kc (osc.)
"Medium Wave" (B)..... 6,000 kc (osc.)
"Short Wave" (C)..... 20,000 kc (osc., det., ant.)
..... 460 kc

RADIOTRON COMPLEMENT

(1) Type-6K7..... R-F Amplifier
(2) Type-6J7..... Heterodyne Oscillator
(3) Type-6L7..... First Detector
(4) Type-6K7..... Intermediate Amplifier

(5) Type-6Q7..... Second Det., A-F Amp., and A.V.C.
(6) Type-6F6..... Power Output
(7) Type-6G5..... Tuning Tube
(8) Type-5W4..... Full-Wave Rectifier

POWER SUPPLY RATINGS

Rating A..... 105-125 volts, 50-60 cycles, 90 watts
Rating B..... 105-125 volts, 25-60 cycles, 90 watts

POWER OUTPUT

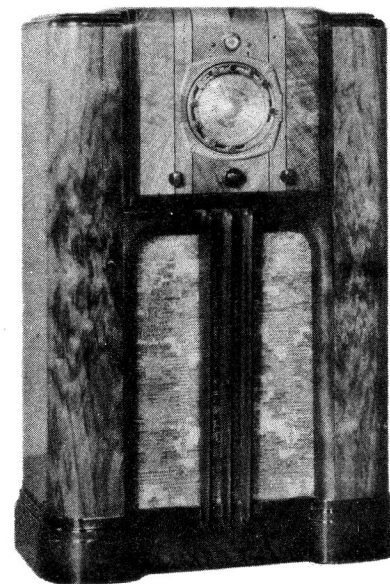
Undistorted..... 2.5 watts
Maximum..... 4.5 watts

LOUDSPEAKER

Type..... 12-inch Electrodynamic
Impedance (v.c.)..... 2.2 ohms at 400 cycles

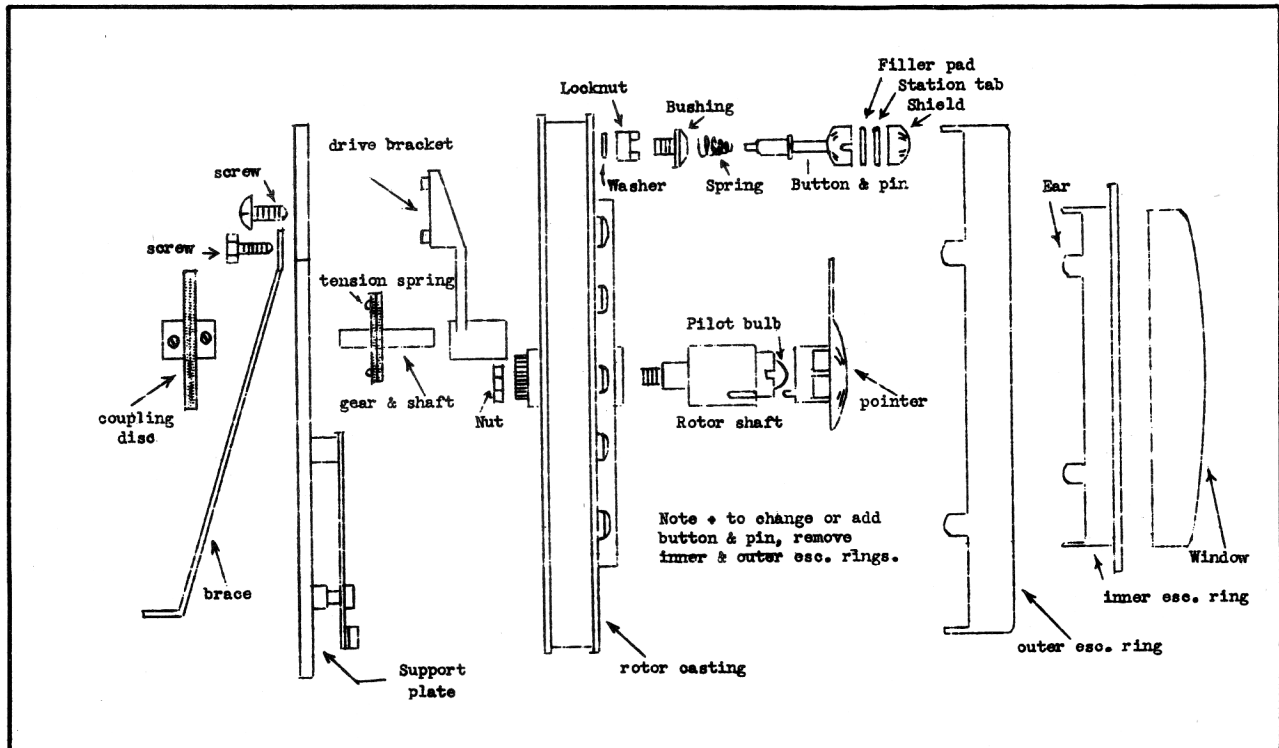
GENERAL DESCRIPTION

This instrument is similar to the Model F-87, except that Teledial tuning has been incorporated in the Model F-87A. Refer to the Model F-87 Service Notes for the technical information and service data. The replacement parts list for this Model is identical to that of the Model F-87, except for the Tuning Condenser, Power Transformers, and the Teledial Tuning mechanism.



REPLACEMENT PARTS MODEL F87A

STOCK No.	DESCRIPTION	STOCK No.	DESCRIPTION
RECEIVER ASSEMBLIES			
S-1937	Escutcheon-Station selector escutcheon.....	S-1920	Coupling-Coupling disk.....
12742	Escutcheon-Tuning tube escutcheon....	S-1930	Dial-Station selector dial scale..
S-1797	Tone indicator jewel (Brown).....	S-1923	Drive-Manual tuning pulley and shaft.....
S-1936	Tone indicator jewel (Yellow).....	S-1919	Drive-Drive string and clip.....
S-1938	Transformer-Power transformer, 105-125 volts, 25 cycles.....	S-1927	Filler-Selector button filler-Pkg. of 10.....
S-1939	Transformer-Power transformer, 105-125 volts, 60 cycles.....	S-1921	Gear-Drive shaft and gear.....
CONDENSER & DRIVE ASSEMBLIES		S-1925	Indicator-Station selector indicator pointer.....
S-1940	Button-Button assembly complete.....	S-1931	Key-Selector button key-Pkg. of 2..
S-1922	Button-Selector button, pin and "C" washer assembly.....	11765	Lamp-Dial lamp.....
S-1932	Card-Call letter cards for station selector button.....	S-1933	Ring-Inner escutcheon ring.....
S-1941	Condenser-3 gang variable tuning condenser (C1,C8,C19).....	S-1934	Ring-Outer escutcheon ring.....
		S-1947	Socket-Dial lamp socket.....
		S-1924	Shaft-Rotor mounting shaft.....
		S-1928	Shield-Station card shield-Pkg. of 5
		S-1929	Spring-Drive string spring-Pkg. of 4.....
		S-1935	Spring-Selector button spring-Pkg. of 5.....
		S-1926	Window-Escutcheon window.....



Exploded View of Teledial