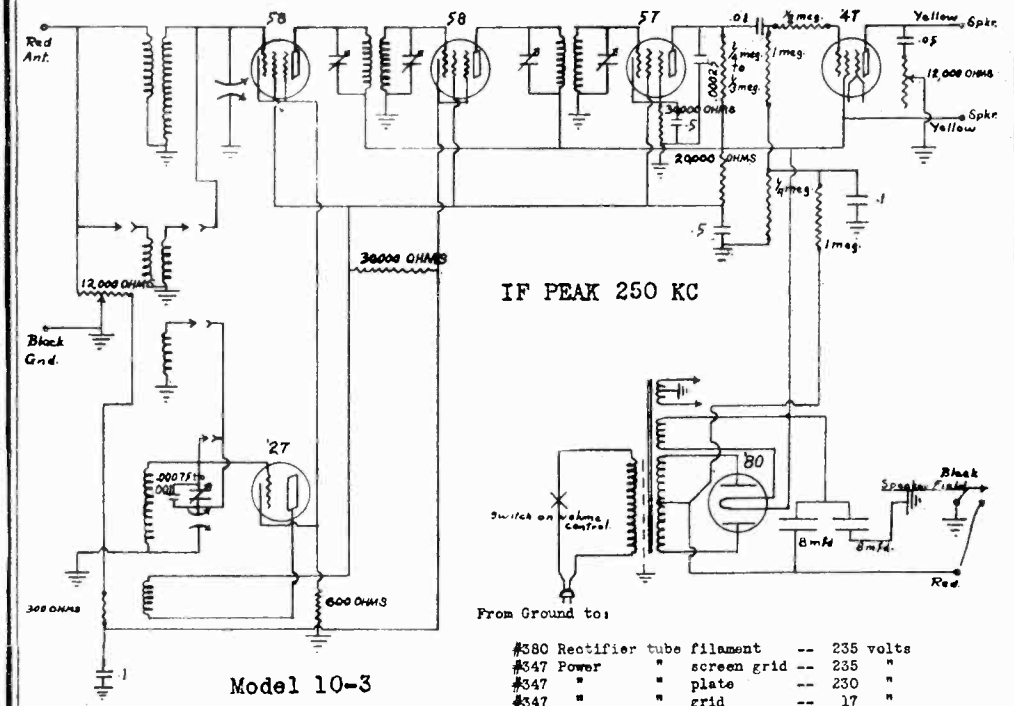
MODEL 10-3
MODEL 15-3

REMLER COMPANY, LTD.



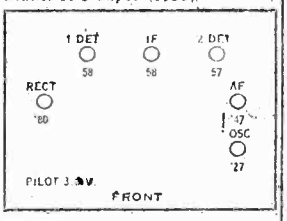
Model 10-3

A.C.Voltages:

Line	--	120 volts
Heater filaments	--	2.3 "
Power tube filament	--	2.3 "
Rectifier filament	--	5.0 "

#380	Rectifier tube	filament	--	235 volts
#347	Power	" screen grid	--	235 "
#347	"	" plate	--	230 "
#347	"	" grid	--	17 "
#58	Mixer	" plate	--	235 "
#58	"	" screen grid	--	60 "
#58	"	" kathode	--	4 "
#58	Intermediate"	Plate	--	235 "
#58	"	" screen grid	--	60 "
#58	"	" kathode	--	2 to 20 volts

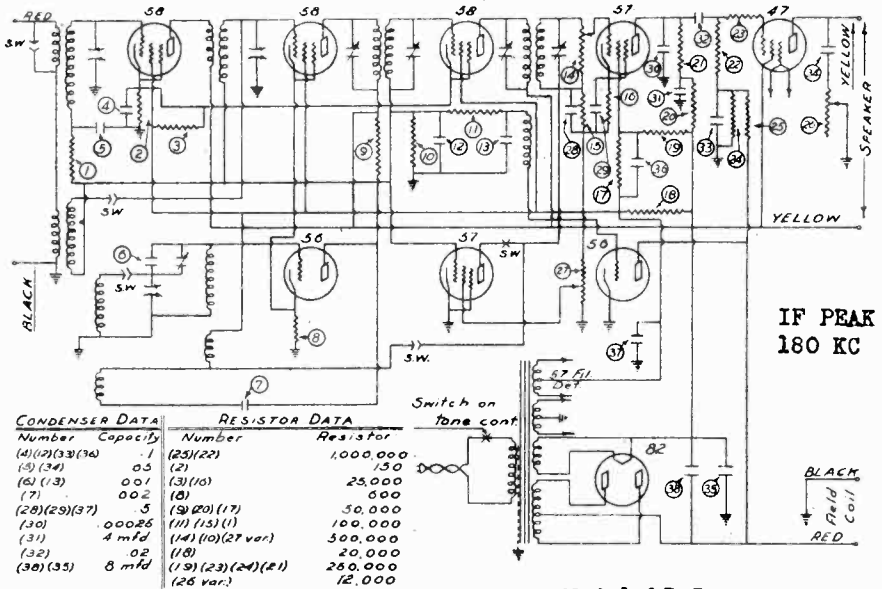
Model 10-3 Super (1932)



#57	Detector Tube	plate	-- 120 volts
#57	" "	screen grid	-- 60 "
#57	" "	kathode	-- 3½ "
#327	Oscillator Tube	plate	-- 60 "
#327	"	kathode	-- 4 "

Due to small current, meter readings will be inaccurate on detector plate and power tube grid.

Speaker field (red lead) -- 105 volts negative.



IF PEAK 180 KC

CONDENSER DATA		RESISTOR DATA	
Number	Capacity	Number	Resistor
(4)(12)(33)(36)	.1	(25)(22)	1,000,000
(5) (34)	.05	(2)	150
(6) (13)	.001	(3)(16)	25,000
(7)	.002	(8)	600
(28)(29)(37)	.5	(9)(20)(17)	50,000
(30)	.00025	(11)(15)(1)	100,000
(31)	4 mfd	(14)(10)(27 var)	500,000
(32)	.02	(18)	20,000
(38)(35)	8 mfd	(19)(23)(24)(21)	250,000
		(26 var.)	12,000

Model 15-3

Set the LOCAL - DISTANCE switch on DISTANCE and the wave-changing switch on LONG. With the 180 K.C. signal attenuated so low as to be just audible adjust the four controlling trimmers of the I.F. for maximum signal.

The two I.F. transformers and their trimmers are located in the upright shield cans at the extreme left of the chassis.

To make the dial run true to its kilocycle markings, set the dial at or near 800 K.C. using an oscillator or a Broadcasting Station of known frequency. By tuning to an oscillator or station at or near 560 K.C. the dial may now be made to "track" by adjusting the radio set's oscillator series padding condenser. This is located next to the oscillator tube socket beneath the chassis but must be adjusted thru the hole in the chassis between the oscillator tube and the variable tuning condenser.

Voltage readings for servicing purposes follow:

D. C. VOLTAGES FROM GROUND:

#82	Rectifier tube	filament	--	260 volts
#47	Power	" screen grid	--	260 "
#47	"	" plate	--	245 "
#47	"	" grid	--	18 "
#58	R.F.	" screen grid	--	95 "
#58	"	" plate	--	260 "
#58	"	" kathode	--	2.5 "
#58	Mixer	" screen grid	--	95 "
#58	"	" plate	--	260 "
#58	"	" kathode	--	5 "
#58	Intermediate	" screen grid	--	95 "
#58	"	" plate	--	260 "
#58	"	" kathode	--	2.5 "
#56	Oscillator	" plate	--	60 "
#56	"	" kathode	--	5 "
#57	Detector	" screen grid	--	110 "
#57	"	" plate	--	135 "
#57	"	" kathode	--	90 "
#57	Noise suppressor			
	"	" tube plate	--	Var. 0-90
#57	"	" " kathode	--	0
#57	"	" " screen grid	--	Var. 0-90

VOLTAGES:

Line	--	120
Heater Filaments	--	2.35
Power tube filament	--	2.35
Detector tube filament	--	2.5
Rectifier filament	--	2.5