

MODEL 205, 206, 5-A
205-A

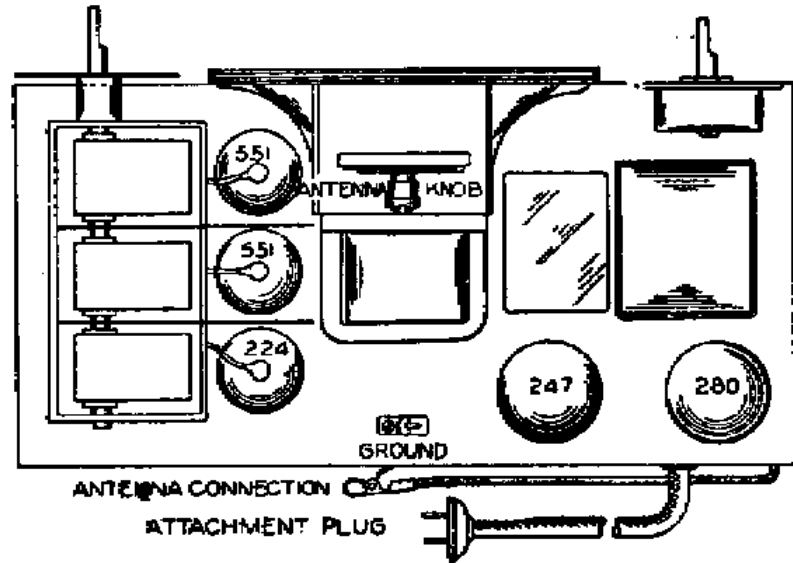
UNITED AMERICAN BOSCH CORP.

Voltage - Data

STAGE	TUBE	FIL.	PLATE	SOCKET VOLTAGES			PLATE MA.
				SCREEN	CATHODE	GRID	
1st RF	551	2.3	250	90	2.5	3.0	4.5
2nd RF	551	2.3	250	90	2.5	3.0	4.5
Det.	224	2.3	*150	*20	3.0	1.5	.5
Audio	247	2.3	250	250	--	*16	*32
Rect.	280	4.8		Plate current of each plate - 20			

The readings were made with the volume control in the full "on" position.

*These voltages are the correct values. The average test kit will give much lower readings, (as low as 1/10 of these values) due to the low resistance of the meters compared to the high resistance included in the detector plate and screen circuits and the audio grid circuit.

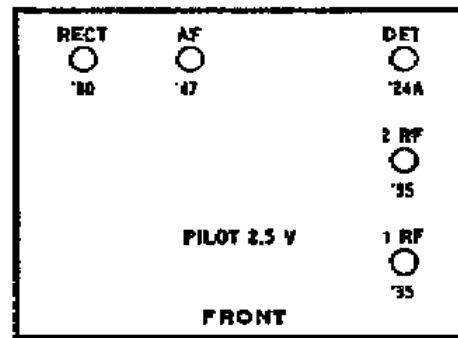


IMPORTANT

Antenna Adjustment: The small knob located on the loud speaker must be adjusted at the time of installation to obtain the best reception. Make this adjustment on a weak station which is received at some point near 30 on the dial and then re-check the adjustment at several other points to make sure that it has been accurately done.

Chassis: The chassis may be removed by pulling off the knobs and unscrewing the felt feet.

Model 5A, Edition 2 (1931)



RESISTOR COLOR CODE

200 ohms ----- Red ---- Black -- Brown	50,000 ohms ---- Green -- Black -- Orange
400 ohms ----- Yellow - Black -- Brown	100,000 ohms ---- Brown -- Black -- Yellow
10,000 ohms ---- Brown -- Black -- Orange	500,000 ohms ---- Green -- Black -- Yellow
15,000 ohms ---- Brown -- Green -- Orange	1 megohm ----- Brown -- Black -- Green
20,000 ohms ---- Red ---- Black -- Orange	2 megohms ----- Red ---- Black -- Green

TEMPORARY CONDENSED SERVICE PARTS LIST FOR TYPE R.S. 205 RADIO RECEIVER

MAIN ASSEMBLIES	KNOBS	100727 Resistor (100,000 ohms)
103655 Chassis (with tubes)	102445 Volume and tuning knobs	100194 Resistor (1/2 megohm)
102280 Speaker	100929 Trimmer cond. knob	100815 Resistor (1 megohm)
103878 Cabinet with plates	MISCELLANEOUS PARTS	100196 Resistor (2 megohms)
COILS	101895 Dial with scale	99412 Mid tap resistance
101858 Field coil (speaker)	102282 Diaphragm for speaker	SOCKETS
102438 R. F. coil complete	98713 Lamp for dial	101890 Dial light socket
102243 R. F. primary coil	RESISTORS	102447 Tube socket for '24 tube
102439 Antenna coil	102342 Volume control & switch	102449 Tube socket for '80 tube
CONDENSERS	102437 Volume control only	102446 Tube socket for '47 tube
102178 By-pass assembly	102314 Resistor (200 ohms)	102448 Tube socket for '51 tube
102022 Antenna trimmer	102177 Resistor (400 ohms)	SWITCH
101143 Fixed (.0001 mfd.)	100825 Resistor (10,000 ohms)	101930 Switch with (2) nuts
101881 Large filter cond.	101404 Resistor (15,000 ohms)	TRANSFORMER
103695 Cond. (.01 mfd-4ply)	100813 Resistor (20,000 ohms)	102551 Output transformer
100705 Cond. (.006 mfd.)	100512 Resistor (50,000 ohms)	101939 Power transformer

UNITED AMERICAN BOSCH CORP.

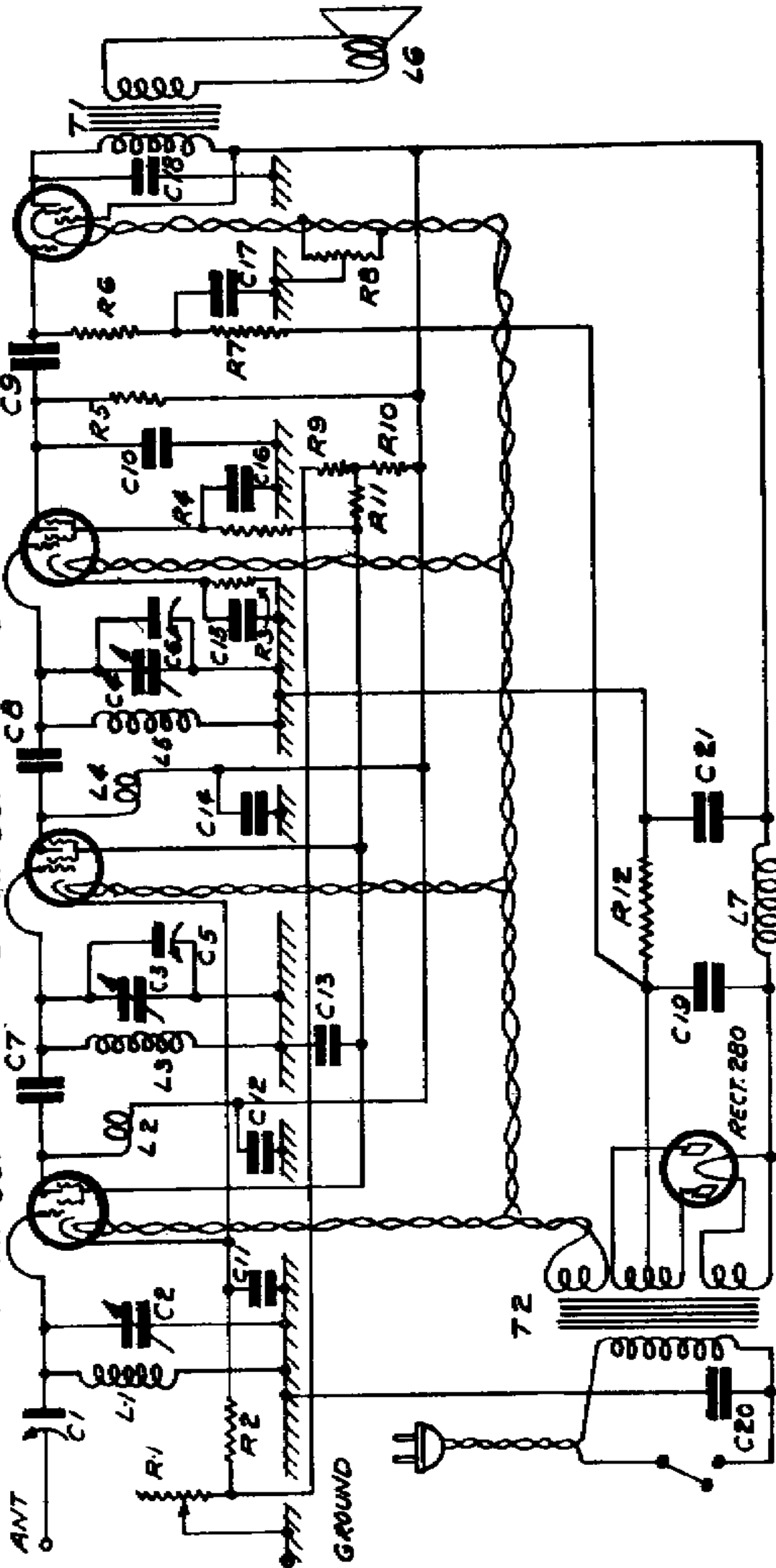
MODEL 205,206,5-A
205-A
Schematic - Data

AUDIO 247

DET-224

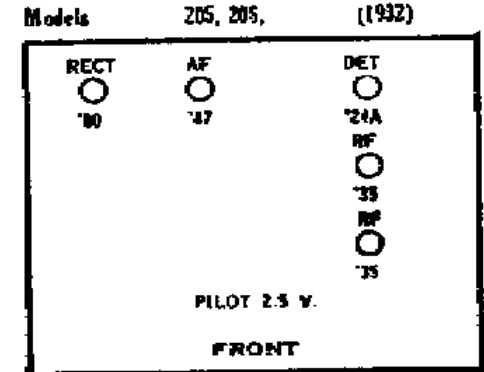
2ND RF 551

1ST RF 551



ELECTRICAL VALUES

R1	- 10,000 ohms	R11	- 10,000 ohms	C9	- .006 mfd.	C19	- 8. mfd.
R2	- 200 ohms	R12	- 400 ohms	C10	- .0001 mfd.	C20	- .01 mfd.
R3	- 50,000 ohms	C1	- Trimmer	C11	- .05 mfd.	C21	- 4 mfd.
R4	- 2 megohms	C2	- Tuning	C12	- .05 mfd.	L1	- Ant. Coil
R5	- 1 megohm	C3	- Tuning	C13	- .25 mfd.	L2	- Primary
R6	- 500,000 ohms	C4	- Tuning	C14	- .01 mfd.	L3	- Secondary
R7	- 100,000 ohms	C5	- Alignment	C15	- 1. mfd.	L4	- Primary
R8	- Center Tap	C6	- Alignment	C16	- .25 mfd.	L5	- Secondary
R9	- 20,000 ohms	C7	- Coupling	C17	- .05 mfd.	L6	- Voice Coil
R10	- 15,000 ohms	C8	- Coupling	C18	- .01 mfd.	L7	- Field Coil



Note: Electrolytic filter condensers C19 and C21 are a single assembly. Condensers C11 to C18 inclusive are also a single assembly contained in the square can underneath the base plate.