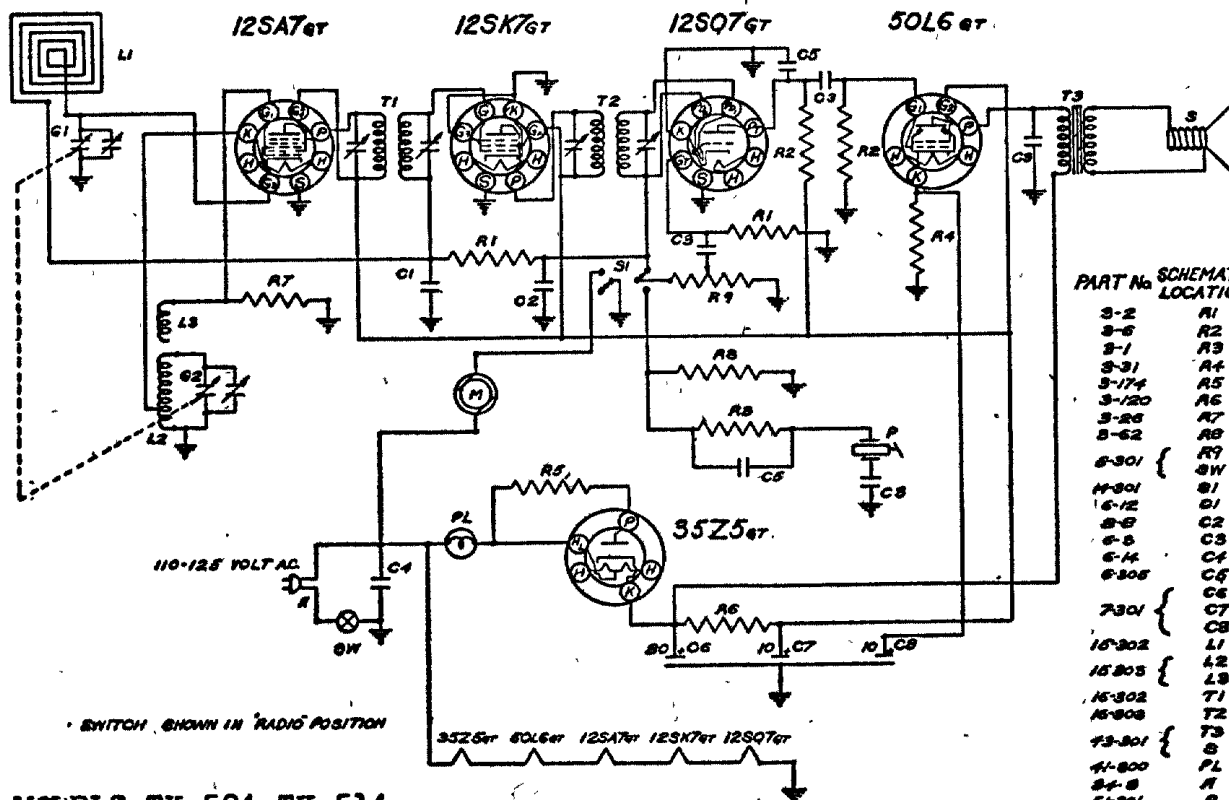


SPIEGEL

MODEL 433

MODELS TK-504, TK-514



PART No	SCHEMATIC LOCATION	DESCRIPTION
3-2	R1	2 MEG. 1/2 W 20% RESISTOR
3-6	R2	1 MEG. " " "
3-1	R3	.5 MEG. " " "
3-31	R4	100 " " " "
3-174	R5	50 " " " "
3-120	R6	2500 " " " "
3-26	R7	55000 " " " "
3-62	R8	200000 " " " "
3-301	R9	1 MEGOHM VOL CONTROL
3-301	R10	SWITCH
15-301	S1	CHANGEOVER SWITCH
15-12	C1	.05 MFD. 200V CONDENSER
3-5	C2	500 MFD 100V " "
3-5	C3	.01 MFD. 400V. " "
3-14	C4	.05 MFD. 100V " "
3-205	C5	2000 MFD 100V " "
7-301	C6	50 MFD 150V } ELECTROLYTIC
7-301	C7	10 MFD 150V }
7-301	C8	10 MFD 25V }
15-302	L1	LOOP
15-303	L2	OSCILLATOR COIL
15-303	L3	GRID COUPLING COIL
15-302	T1	INPUT IF TRANSFORMER
15-303	T2	OUTPUT IF " "
7-3-301	T3	OUTPUT TRANSFORMER
4-800	S	8 OHM SPEAKER
3-1-5	F	PILOT LIGHT 24T
3-1-5	P	POWER CORD
3-1-5	P	CRYSTAL PICKUP 1-25A
10-301	G1	5 MFD CONDENSER
10-301	G2	5 MFD CONDENSER
10-301	H	PHONO MOTOR
10-301	12SA7GT	OSCILLATOR-MIXER
10-301	12SK7GT	IF AMPLIFIER
10-301	12SQ7GT	DETECTOR-AUDIO
10-301	50L6GT	AUDIO AMPLIFIER
10-301	35Z5GT	RECTIFIER

MODELS TK-504, TK-514

IF PEAK 456 KC

3-11-41 DRAWN BY *GHK* APPROVED BY *TRP*

MODEL 433

Part No.	Description	Part No.	Description
9811	Book—Instruction.....	8477	Plate—Motor on-off.....
8462	Bushing—Stem—Motor Mounting.....	8287	Plug—1 Prong Large (Play).....
9813	Cabinet.....	8288	Plug—1 Prong Small (Cut).....
2163	Cable—Drive.....	8493	Plug—Phono Motor.....
9724	Capacity Plate.....	9547	Pointer.....
8031	Coil—Oscillator.....	9209	Records—Blank.....
9221	Control—Volume and Switch.....	8929	Recorder Unit—Complete.....
8036	Cord—AC Line.....	7326	Resistor—150 ohm 1/2 W.....
5562	Condenser—Antenna Trimmer.....	3807	Resistor—35 ohm 1/2 W Flexohm.....
8525	Condenser—Electrolytic 40-20-150 V.....	9093	Resistor—1500 ohm 1 W.....
3352	Condenser—Paper 2-400 V.....	9225	Resistor—2 M 1/2 W.....
563	Condenser—Paper .05-400 V.....	8580	Resistor—50 M 1/2 W.....
576	Condenser—Paper .02-400 V.....	7122	Resistor—100 M 1/2 W.....
3137	Condenser—Paper .001-400 V.....	6722	Resistor—500 M 1/2 W.....
824	Condenser—Paper .002-600 V.....	6721	Resistor—200 M 1/2 W.....
572	Condenser—Paper .1-200 V.....	8970	Resistor—2 Meg 1/2 W.....
580	Condenser—Paper .05-200 V.....	8062	Resistor—3 Meg. 1/2 W.....
1286	Condenser—Mica 250 mmfd.....	8039	Resistor—15 Meg. 1/2 W.....
7799	Connector—Microphone—with bracket and lead.....	7121	Resistor—20 M 1/2 W.....
7084	Crystal—Dial.....	9228	Shaft—Drive.....
9548	Indicator.....	9230	Speaker—5" P.M.....
9545	Indicator—Back Plate.....	2908	Spring—Pointer Drive.....
9247	Knob—Master Control.....	8430	Socket—Phono Motor.....
2750	Knob—Motor Switch.....	6267	Socket—1 Prong—Large (Playing).....
9246	Knob—Tuning.....	8266	Socket—1 Prong—Small (Cutting).....
9248	Knob—Volume.....	7573	Socket—Dial Lamp.....
6158	Lamp—Pilot No. 47 Mazda.....	9226	Switch—Master Control.....
8285	Microphone No. X-20.....	8454	Switch—Motor.....
9211	Needles—Cutting.....	8042	Transformer—1st I.F.....
9207	Needles—Playing.....	8043	Transformer—2nd I.F.....
9439	Plate—Instruction.....	9581	Tuner—Permeability.....