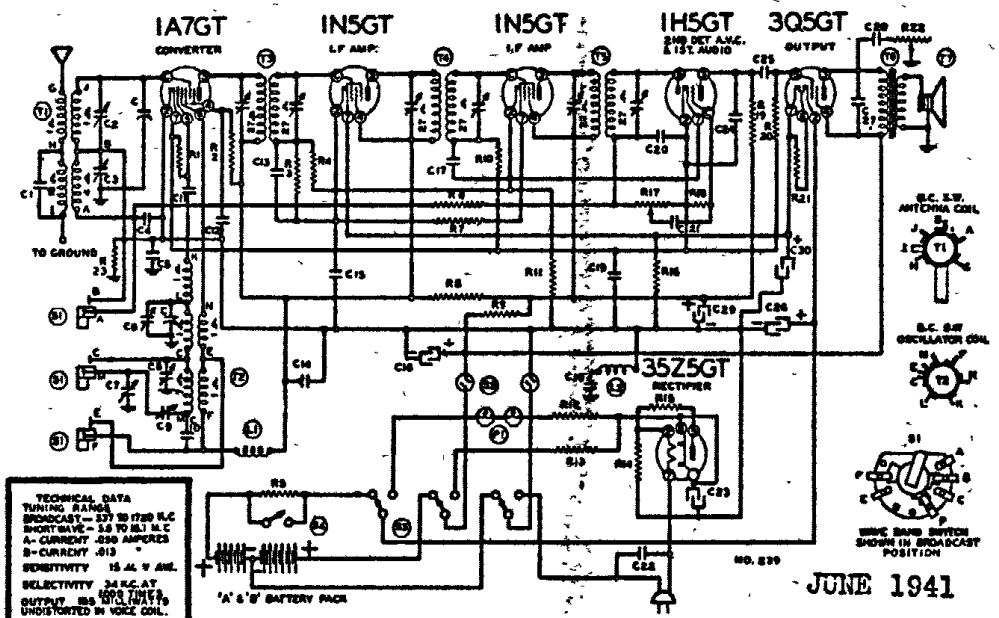


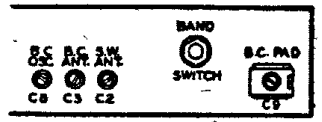
JUNE 1941

SETTING THE PUSHBUTTONS

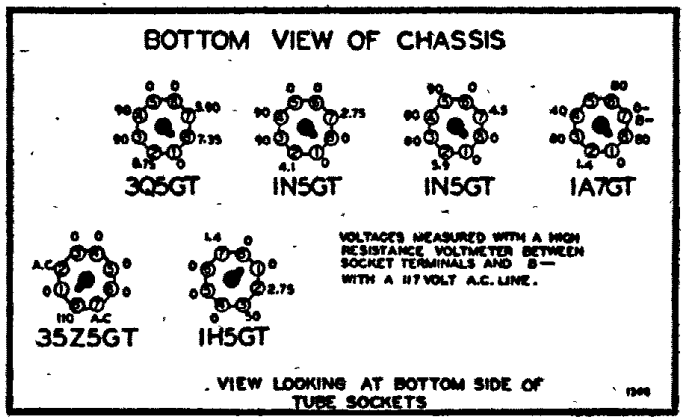
Make a list of your 6 favorite stations. Push out the call letters of these stations from the call letter sheets supplied. Insert a call letter in the slot on top of each pushbutton.

Next pull one of the pushbuttons all the way out as far as it will come. Now tune in the station you want with the tuning knob—Tune back and forth until the station is clear and distinct. Now push the button hard all the way in to lock the station in place. Continue setting each pushbutton in the same way. Pressing the proper button will now tune the station you want. If it does not do so you did not push the button hard enough to lock it in place when setting up the station.

To change stations simply repeat the procedure above.



TRIMMER VIEW
Looking at front of chassis.



CONDENSERS

BE100133	C10, C14	.1 x 120 Volt Tubular Condenser	2	.12
BE100135	C15, C19	.25 x 120 Volt Tubular Condenser	2	.12
BE100128	C13, C17	.05 x 120 Volt Tubular Condenser	2	.12
BE100105	C22	.02 x 400 Volt Tubular Condenser	1	.12
BE100127	C28	.01 x 120 Volt Tubular Condenser	1	.12
BE10097	C18	.02 x 600 Volt Tubular Condenser	1	.12
BE10071	C27	.004 x 600 Volt Tubular Condenser	1	.12
BE10019	C21	.006 x 600 Volt Tubular Condenser	1	.12
BE10026	C25	.02 x 400 Volt Tubular Condenser	1	.12
BE1009	C4, C12	.05 x 200 Volt Tubular Condenser	2	.12
BE100140	C5	.2 x 400 Volt Tubular Condenser	1	.12
BE119132	C30	Electrolytic Filter Condenser. 20 Mfd. x 25 Volts	1	.28
BE119131	C16, C23, C26, C29	Electrolytic Filter Cond. 50-60 Cycles. 40 Mfd. x 150 V.; 40 Mfd. x 150 V.; 200 Mfd. x 10 V.; 10 Mfd. x 150 V.	1	.90
BE124171	C2, C3, C8	Triple Unit Trimmer Cond. C2, S.W. Ant. Trimmer. C3, B.C. Ant. Trimmer. C8, B.C. Osc. Trimmer	1	.40
BE124173	C9	B.C. Series Pad. 580 Mmfd.	1	.24
BE1295	C1	.0001 Mica Type Condenser—20%	1	.12
BE12912	C20, C24	.00025 Mica Type Condenser—20%	2	.12
BE12939	C11	.00005 Mica Type Condenser—20%	1	.12
BE129125	C7	S.W. Padder Condenser	1	.50

RESISTORS

BE130223	R3	10 Megohm—½ Watt Resistor—20%	1	.10
BE130235	R13	1500 Ohm—½ Watt Resistor—10%	1	.10
BE1309	R1	200M Ohm—½ Watt Resistor—20%	1	.10
BE13012	R2	50M Ohm—½ Watt Resistor—20%	1	.10
BE130257	R4, R10, R18	5 Megohm—½ Watt Resistor—25%	3	.10
BE130347	R7	15 Ohm—½ Watt Resistor—10%	1	.10
BE1305	R23	300M Ohm—½ Watt Resistor—20%	1	.12
BE130192	R11	2M Ohm—½ Watt Resistor—10%	1	.10
BE1303	R19	500M Ohm—½ Watt Resistor—20%	1	.10
BE1304	R6, R20	3 Megohm—½ Watt Resistor—20%	2	.10
BE130200	R16	700 Ohm—½ Watt Resistor—10%	1	.10
BE130197	R5	20 Ohm—½ Watt Resistor—10%	1	.10
BE130345	R9	1000 Ohm—½ Watt Resistor—10%	1	.10
BE130343	R14	545 Ohm—14 Watt Resistor—5%	1	.28
BE130353	R12	2075 Ohm—6 Watt Resistor—5%	1	.22
BE130233	R15	60 Ohm—½ Watt Resistor—10%	1	.10
BE130222	R21	350 Ohm—½ Watt Resistor—10%	1	.10
BE130193	R8	3M Ohm—½ Watt Resistor—10%	1	.10

COILS

BE106204	T3	Input I.F. Complete in Can	1	.76
BE106204B	T5	Interstage I.F. Complete in Can	1	.76
BE106188B	T4	Output I.F. Complete in Can	1	.76
BE110183	T2	B.C.-S.W. Oscillator Coil	1	.60
BE111248	T1	B.C.-S.W. Antenna Coil	1	.60
BE1233	L1	R.F. Choke Coil	1	.26
BE105137	L2	Choke Coil	1	.08

- Volume control—Maximum all adjustments.
- Connect radio chassis to ground post of signal generator.

ALIGNMENT PROCEDURE

BAND	SIGNAL GENERATOR Frequency Setting	Dummy Antenna	Connection to Radio	Position of Band Switch	Variable Condenser Setting	Trimmers Adjusted to Max.
I. F.	455 Kc.	.1 MFD.	Grid of 1N5G 2nd I. F.	Broadcast	Rotor full open (Plates out of mesh)	Two trimmers on top of Output I. F.
	455 Kc.	.1 MFD.	Grid of 1N5G 1st I. F.	Broadcast	Rotor full open (Plates out of mesh)	Two trimmers on top of Interstage I. F.
	455 Kc.	.1 MFD.	Grid of 1A7G Mixer	Broadcast	Rotor full open (Plates out of mesh)	Two trimmers on top of Input I. F.
SHORT WAVE BAND	16 Mc.	400 ohms	Antenna lead	Short Wave	Set Dial at 16 Mc.	Trimmer C6—S. W. osc. Top of front section of gang
	16 Mc.	400 ohms	Antenna lead	Short Wave	Set Dial at 16 Mc.	Trimmer C2 S. W. antenna
	6 Mc.	400 ohms	Antenna lead	Short Wave	Set Dial at 6 Mc.	Trimmer C7 S. W. osc. series pad (See note "A")
BROAD-CAST BAND	1720 Kc.	200 mmf.	Antenna lead	Broadcast	Rotor full open (Plates out of mesh)	Trimmer C8 B. C. osc.
	1500 Kc.	200 mmf.	Antenna lead	Broadcast	Set Dial at 1500 Kc.	Trimmer C3 B. C. antenna
	600 Kc.	200 mmf.	Antenna lead	Broadcast	Set Dial at 600 Kc.	Trimmer C9 B. C. osc. series pad (See note "A"

NOTE "A" Turn the dial back and forth slightly (rock) and adjust trimmer until the peak of greatest intensity is obtained.

MONTGOMERY-WARD & CO.
MODELS 14BR-685A, 14BR-687A