

MODELS TH-15 and TH-17

SPECIFICATIONS

Models TH-15 and TH-17 are five tube, electric push-button tuning, superheterodyne radios with a manual tuning range covering 540 to 1580 K. C. A loop aerial is provided on the rear of the cabinet for portable use. Aerial connections are also provided on the rear of the cabinet for locations such as steel reinforced buildings, apartment houses or any other location where signal strength is weak. If an outside aerial is necessary, the Philco Utility Aerial, Part No. 40-6384, is recommended. Six electric push-buttons are provided on this model. Five are used for stations and one push-button for selecting dial tuning. The push buttons cover a frequency range as follows: 540 to 1600 kilocycles.

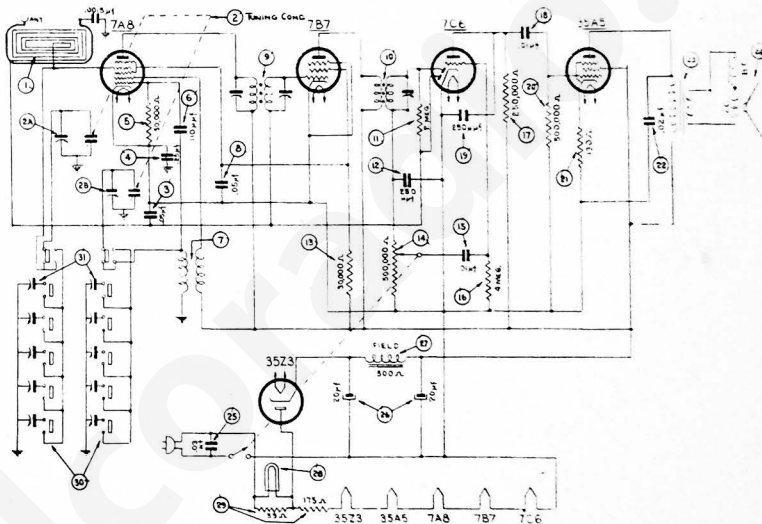
These models are similar with the exception of the cabinet. The circuit diagram and parts list shown below apply to both models.

INTERMEDIATE FREQUENCY: 455 K. C.

POWER SUPPLY: Operates on either a 115 volt, alternating current (A. C.) or a 115 volt, direct current (D. C.) power supply.

PHILCO TUBES USED: One 7A8, converter; one 7B7, I. F. amplifier; one 7C6, second detector, first audio, A. V. C.; one 35A5, audio output; one 35Z3 rectifier.

ALIGNING PROCEDURE: The aligning procedure for this model will be found on page (8).



REPLACEMENT PARTS

SCH. No.	DESCRIPTION	PART No.	SCH. No.	DESCRIPTION	PART No.	SCH. No.	DESCRIPTION	PART No.
1	Loop Antenna Assembly	32-3186	24	Speaker	36-1469		Drive Drum	28-6662
2	Tuning Condenser	31-2371		Cone Assembly			Drive Shaft (TH-15)	31-2370
3	Tubular Condenser (.05 mf., 200 v.)	40-4519S		(for Speaker 36-1469-1)	36-4115		Drive Shaft (TH-17)	31-2355
4	Tubular Condenser (.25 mf., 400 v.)	30-4604S		(for Speaker 36-1469-2)	36-4132		Grille and Baffle (TH-15)	40-6451
5	Resistor (50,000 ohms, 1/3 watt)	33-350241		(for Speaker 36-1469-9)	36-4113		Grille and Baffle (TH-17)	318-1131
6	Mica Condenser (110 mmf.)	30-1031	25	Tubular Condenser (.03 mf., 400 v.)	30-4449S		Handle (Cabinet, TH-15)	45-6051
7	Oscillator Transformer	32-3192	26	Electrolytic Condenser			Handle (Cabinet, TH-17)	45-6052
8	Tubular Condenser (.05 mf., 200 v.)	30-4519S		(20-20 mf., 150 v.)	30-2382		Knob (Push-Button) TH-15	27-4821
9	2nd I. F. Transformer	32-3177	27	Field Coil — Part of Speaker No.	36-1469		Knob (Push-Button) TH-17	27-4702
10	1st I. F. Transformer	32-3178	28	Pilot Lamp	34-2068		Knob (Tuning, Volume)	27-4809
11	Resistor (2 megs., 1/3 watt)	33-520241	29	Line Resistor	33-3367		Mounting Feet (Cabinet)	27-9337
12	Mica Condenser (250 mmf.)	30-1032	30	Push Button Switch	42-1485		Pointer	56-1326
13	Resistor (30,000 ohms, 1/3 watt)	33-330244	31	Padding Condenser Strip	31-6296		Screw (Cabinet Back Mounting)	
14	Volume Control (500,000 ohms)	33-5306					TH-17, 1" long)	W-2026
15	Tubular Condenser (.01 mf., 200 v.)	30-4479S					TH-17, 2 1/2" long)	W-2028
16	Resistor (4 megs., 1/3 watt)	33-540244					TH-15)	W-451
17	Tubular Condenser (250,000 ohms, 1/3 watt)	33-425244					Screw (Chassis Mtg., TH-15)	W-2017
18	Tubular Condenser (.01 mf., 400 v.)	30-4572S					Screw (Handle Mounting)	W-2021
19	Mica Condenser (250 mmf.)	30-1032					Screw (Chassis Mtg., TH-17)	W-2176
20	Resistor (500,000 ohms, 1/3 watt)	33-540244					Snap Fastener (Dial)	56-1387
21	Resistor (130 ohms, 1/2 watt)	33-113336					Spring	28-8751
22	Tubular Condenser (.02 mf., 400 v.)	30-4510S					Station Tab Holder (Cabinet)	28-5712
23	Output Transformer						Socket (Tubes)	27-6128
	(for Speaker 36-1469-1)	32-8047					Socket (Pilot Lamp)	38-9825
	(for Speaker 36-1469-2)	32-8044					Tab (Dial)	27-5482
	(for Speaker 36-1469-9)	32-8044					Tab Kit	106-6145

MISCELLANEOUS PARTS

Cable (Power)	1-3183
Cabinet (TH-15)	10376A
Cabinet Back (TH-15)	37-0358
Cabinet (TH-17)	10379A
Cabinet Back (TH-17)	27-4822
Clip (Coil Mounting)	28-5002
Dial	27-5499
Dial Window	27-5472
Drive Cord (Dial)	31-2358