



ALL VOLTAGES TAKEN WITH PRECISION VTVM MODEL "88".
 BATTERY VOLTAGE $9V \pm .2V$.
 VOLUME CONTROL SET AT MINIMUM.
 NO SIGNAL. UNDER SAME CONDITIONS BATTERY CURRENT 6.4 ma.

Ned. Ver. v. Historie v/d Radio



Schematic, Model T-67

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X1	2SA43	Converter	DS-25	GE-9	2N412	PNP
X2	2SA49	1st IF Amplifier	DS-25	GE-9	2N410	PNP
X3	2SA53	2nd IF Amplifier	DS-25	GE-9	2N410	PNP
X4	2SB54	Driver			2N406	PNP
X5	2SB56	Output			2N408	PNP
X6	2SB56	Output			2N408	PNP

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	PHILCO PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	GENERAL INSTRUMENT PART No.	MALLORY PART No.	SPRAGUE PART No.
C1	30	10	320-0058	PTT43	NLW30-15	MT1-16	BL1430	TT10X30	TE-1132
C2	10	3	30-2591-3	PTT6	NLW10-3	MT1-5	MLV10-3	TT3X10	TE-1053
C3	10	3	30-2591-3	PTT6	NLW10-3	MT1-5	MLV10-3	TT3X10	TE-1053
C4	20	3	320-0057	PTT8	NLW20-6	MT1-10	BL1211	TT12X20	TE-1054

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA					
			AEROVOX PART No.	CENTRALAB PART No.	CORNELL-DUBILIER PART No.	ELMENCO PART No.	MALLORY PART No.	SPRAGUE PART No.
C10	.005	(4) †	TTD-005	CK-502	H1	CCTO-3R3	TA-250	TG-D50
C11	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C12	.04		TTD-05	CK-503	H5		TA-150	TG-S50
C13	3		NPO-DI 3.0	DTZ-3R3	C10V3C	CNO-533	10TCC-V33	
C14	.01		TTD-01	CK-103	H2	TA-110	TG-S10	
C15	.04		TTD-05	CK-503	H5	TA-150	TG-S50	
C16	2		NPO-DI 2.2	DTZ-2R2	C10V22C	CCTO-2R2	CNO-522	10TCC-V22
C17	.01		TTD-01	CK-103	H2	TA-110	TG-S10	
C18	.01		TTD-01	CK-103	H2	TA-110	TG-S10	
C19	.02		TTD-02	CK-203	H3	TA-120	TG-S20	

† Alternate Value.

CONTROLS

All wattages 1/2 watt, or less, unless otherwise listed.

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			PHILCO PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
R1	Volume & Switch	5000Ω	323-0055	B16-214 ①			

① Use Original Knob.

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		PHILCO PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1	Loopstick	322-0152		2009			
L2	Oscillator	322-0153					
L3	1st IF						
L4	2nd IF						
L5	3rd IF						

DESCRIPTION

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		REPLACEMENT DATA					NOTES
			PHILCO PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.						
T1	2	1						

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
			PHILCO PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.						
T2	800Ω	6-8Ω						

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		PHILCO PART No.	QUAM PART No.	
SP1	2 1/4" PM 6-8Ω	326-0018	22A06Z8	

BATTERIES

ITEM No.	VOLTAGE	PHILCO PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	9		2U8 (or H146)	216 (or E146)	M-1604 (or MN1604, TR-146)	

MISCELLANEOUS

ITEM No.	PART NAME	PHILCO PART No.	NOTES
M2	Tuning Cap.	321-0007	
M3	Detector (1N60)	34-8022-5	

CABINETS & CABINET PARTS

(When Ordering Specify Model, Chassis & Color)

ITEM	PART No.	ITEM	PART No.
Knob - Tuning	227-0117	Cabinet Front	424-0046
Knob - Volume	227-0116	Cabinet Back	424-0047

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid 22AWG)	Available
	8524 (Stranded 22AWG)	in
	8570 (Stranded 26AWG)	12 Colors