

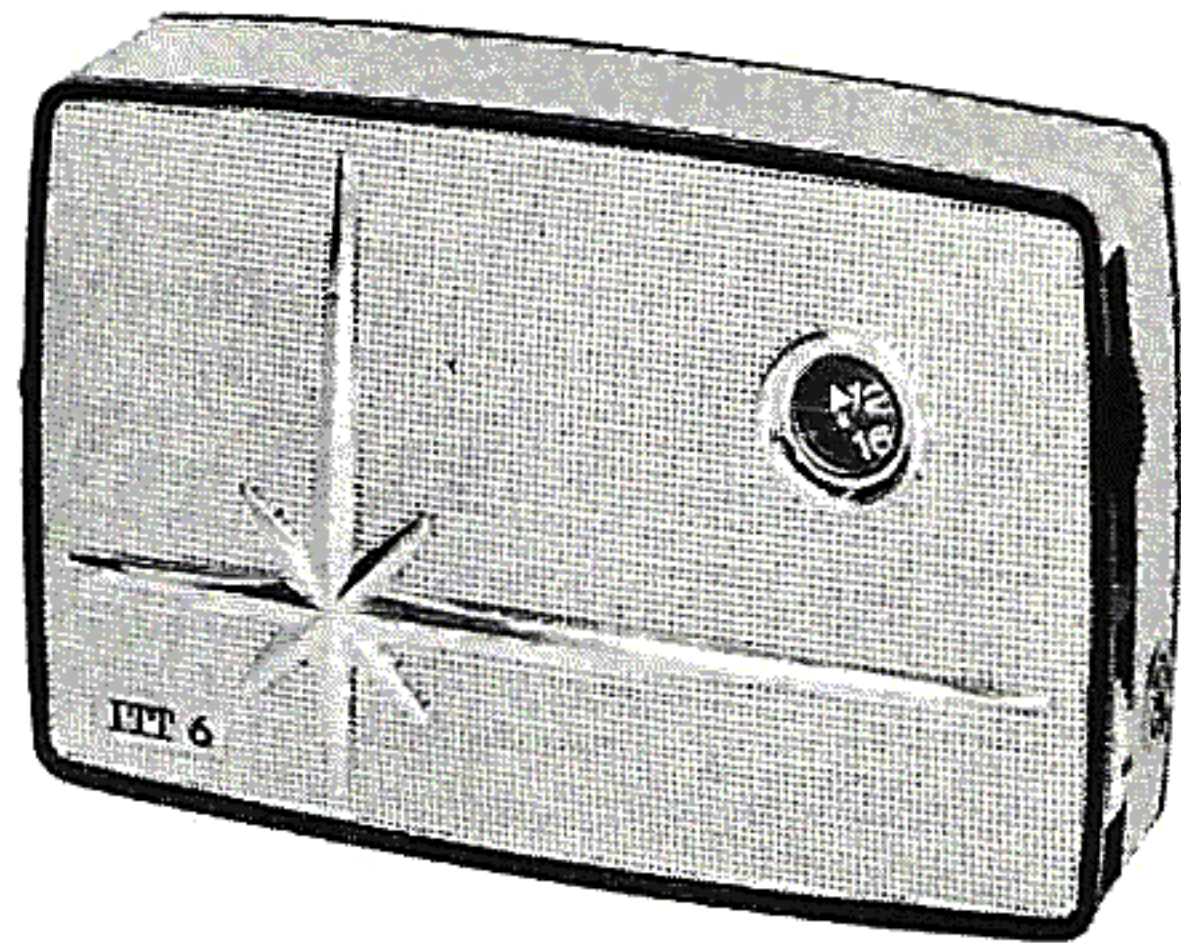


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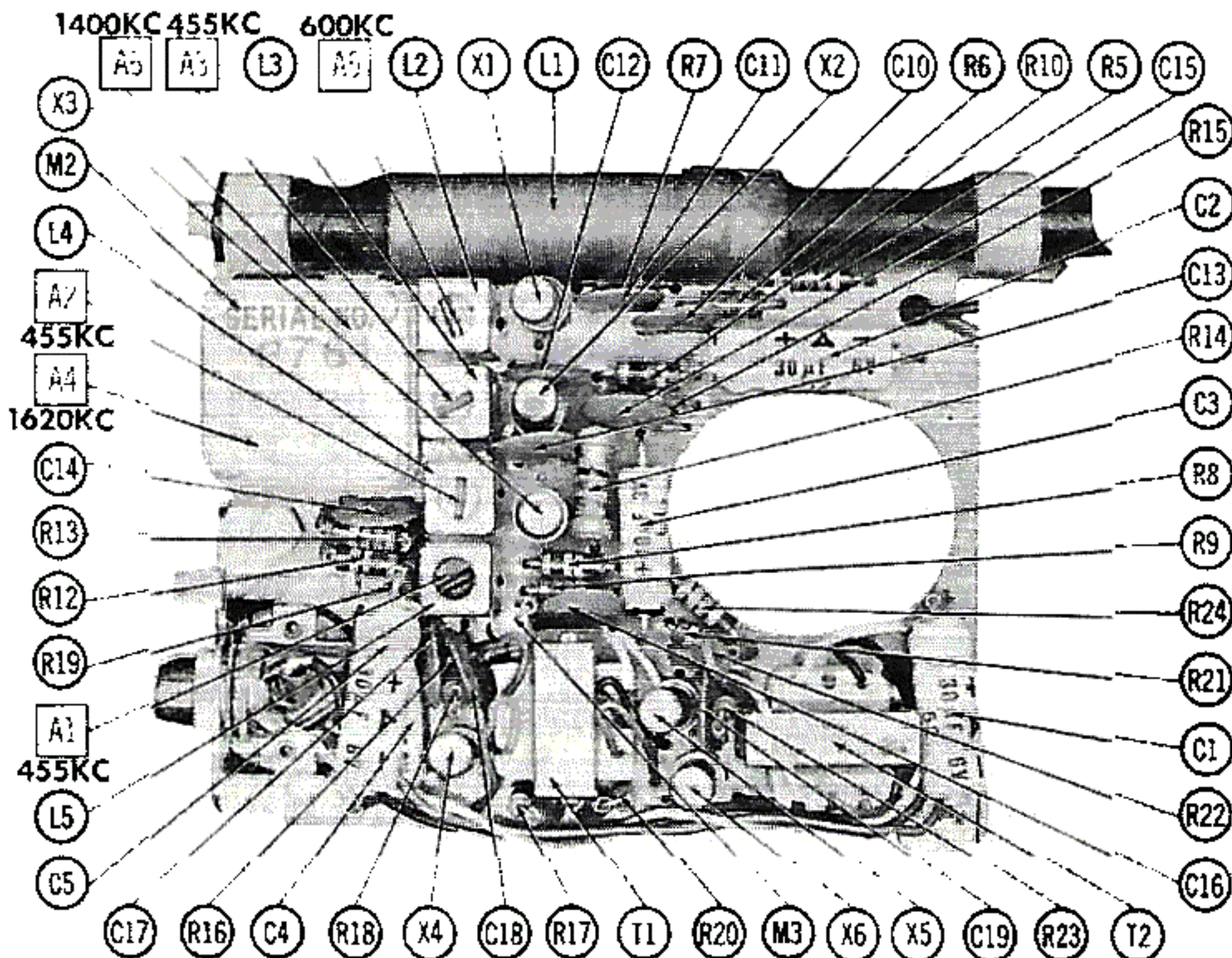
TRADE NAME: ITT Model 628
 SUPPLIER: Distributor Products Div., ITT Corp.
 P. O. Box 99, Lodi, N. J.
 TYPE SET: 6 Transistor AM Receiver
 POWER SUPPLY: 9 Volts DC
 RATING: 8MA @ 9VDC (No Signal, Min. Volume)
 18MA @ 9VDC (Signal, Normal Volume)
 TUNING RANGE: BROADCAST 535 - 1620KC



ALIGNMENT INSTRUCTIONS

Check for specified source voltage.
 Fashion loop of several turns of wire and connect generator across loop.
 Adjust output of generator to radiate only enough signal into receiver to obtain a suitable indication.
 Suggested Alignment Tools:
 A1, A2, A3, A5..... GENERAL CEMENT #5067, 8282, 8806
 WALSCO #2526, 2543
 A4, A6..... GENERAL CEMENT #5000, 5066, 8290
 WALSCO #2512, 2525, 2528

	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
1.	455KC (400 ν Mod.)	Tuning gang fully open.	Output Meter across voice coil.	A1, A2, A3	Adjust for maximum. Repeat as required.
2.	1620KC	"	"	A4	Adjust for maximum.
3.	600KC	Tune to Signal.	"	A5	Rock tuning gang and adjust for maximum. Repeat steps 2 and 3.
4.	1400KC	"	"	A6	Adjust for maximum.



HOWARD W. SAMS & CO., INC. Indianapolis 6, Indiana

PARTS LIST AND DESCRIPTION TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			DELCO PART No.	GENERAL ELECTRIC PART No.	RCA PART No.	
X1	2SA160	Converter	DS-25	GE-9	2N412	PNP
X2	2SA155	1st IF Amplifier	DS-25	GE-9	2N410	PNP
X3	2SA155	2nd IF Amplifier	DS-25	GE-9	2N410	PNP
X4	2SB112	Driver			2N406	PNP
X5	2SB112	Output			&N408	PNP
X6	2SB112	Output			2N408	PNP

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	ITT 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	6		PTT27	NLW30-15	MT1-13	MLV30-6	TT6X30	TE-1092
C2	30	6		PTT27	NLW30-15	MT1-13	MLV30-6	TT6X30	TE-1092
C3	10	3		PTT6	NLW10-3	MT1-5	MLV10-3	TT3X10	TE-1053
C4	3	6		PTT20	NLW3-15	MT1-3	MLV2-6	TT6X3	TE-1082
C5	30	6		PTT27	NLW30-15	MT1-13	MLV30-6	TT6X30	TE-1092

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		TTD-005	CK-502	H1		TA-250	TG-D50
C11	.005		TTD-005	CK-502	H1		TA-250	TG-D50
C12	.02		TTD-02	CK-203	H3		TA-120	TG-S20
C13	.02		TTD-02	CK-203	H3		TA-120	TG-S20
C14	.02		TTD-02	CK-203	H3		TA-120	TG-S20
C15	.02		TTD-02	CK-203	H3		TA-120	TG-S20
C16	.01		TTD-01	CK-103	H2		TA-110	TG-S10
C17	.005		TTD-005	CK-502	H1		TA-250	TG-D50
C18	.005		TTD-005	CK-502	H1		TA-250	TG-D50
C19	.02		TTD-02	CK-203	H3		TA-120	TG-S20

CONTROLS

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

ITEM No.	USE	RESIST-ANCE	REPLACEMENT DATA					
			ITT PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.	
R1	Volume & Switch	10K	(62.2T)					

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		ITT PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1	Loopstick						
L2	Osc.						
L3	1st IF		BC-569	2061	RTC-9262		
L4	2nd IF		BC-570	2062	RTC-9263		
L5	3rd IF		BC-571	2063	RTC-9264		

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO		REPLACEMENT DATA					NOTES
			ITT 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
			ITT PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
	PRI.	SEC.						
T2	800Ω CT	6-8Ω						

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		ITT PART No.	QUAM PART No.	
SP1	2 1/4" PM 6-8Ω			

BATTERIES

ITEM No.	VOLTAGE	ITT PART No.	REPLACEMENT DATA			NOTES
			BURGESS	EVEREADY	MALLORY	
M1	9V		2U6 (or H146)	216 (or E146)	M-1604 (or MN1604, TR-146)	

MISCELLANEOUS

ITEM No.	PART NAME	ITT PART No.	NOTES
M2 M3	Tuning Cap. Detector (SD48)		

WIRING DATA

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

