

PARTS LIST AND DESCRIPTION

WIRING DATA

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

TRANSISTORS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA		NOTES
			GENERAL ELECTRIC PART No.	RCA PART No.	
X1	2SA49	Converter	GE-1	2N408	PNP
X2	2N412*	2nd IF Amplifier	GE-1	2N408	PNP
X3	2SA52	1st IF Amplifier	GE-1	2N408	PNP
X4	2N410*	2nd IF Amplifier	GE-1	2N408	PNP
X5	2SA52	Driver	GE-2	2N408	PNP
X6	2SB56	Driver	GE-2	2N408	PNP
X7	2SB56	Output	GE-2	2N408	PNP
X8	2SB58	Output	GE-2	2N408	PNP
X9	2N408*	Output	GE-2	2N408	PNP

* Alternate

POWER RECTIFIERS & SIGNAL DIODES

ITEM No.	CURRENT RATING (Measured)	ORIGINAL Part or Type No.	RECTIFIERS		NOTES
			SARKIS RCA PART No.	DIODES	
X7		21-1		Detector (IN60 or IN295)	

ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP. VOLT.	BULOVA PART No.	REPLACEMENT DATA		
			CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	SPRAGUE PYRAMID PART No.
C1	5	10-35	CRE204	MTL-3	TE-1052, 2
C2	10	4	CRE307	NLW10-6	TE-1087
C3	50	10			

FIXED CAPACITORS

ITEM No.	RATING	REMARKS	REPLACEMENT DATA			
			AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	SPRAGUE PYRAMID PART No.
C4	.01		TTD-01	DDM-103	H-0581	TG-S10
C5	.005		TTD-005	DM-502	H-05D5	TG-D50
C6	.02		TTD-02	DA-203	H-05S2	TG-S20
C7	.02		TTD-02	DA-203	H-05S2	TG-S20
C8	.02		TTD-02	DA-203	H-05S2	TG-S20
C9	.005		TTD-005	DM-502	H-05D5	TG-D50
C10	.02		TTD-02	DA-203	H-05S2	TG-S20
C11	.005		TTD-005	DM-502	H-05D5	TG-D50

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA			
			BULOVA PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	MALLORY PART No.
R1	Volume & Switch	25000	22-21			

RESISTORS

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

ITEM No.	RATING	REPLACEMENT DATA		ITEM No.	RATING	REPLACEMENT DATA	
		IRC PART No.	WORKMAN PART No.			IRC PART No.	WORKMAN PART No.
R2	68000			R9	10000		
R3	18K			R10	47K		
R4	47000			R11	15K		
R5	4700			R12	5300		
R6	10000			R13	1000		
R7	68000			R14	27000		
R8	2700			R15	470		

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA				NOTES
		BULOVA PART No.	Merit PART No.	Miller PART No.	Stancor PART No.	
L1	Loop Bar	60-22				
L2	Osc.	20-17				
L3	1st IF	24-43				
L4	2nd IF	24-44				
L5	3rd IF	24-45				

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO	REPLACEMENT DATA				NOTES
		BULOVA PART No.	MERIT PART No.	STANCOR PART No.	THORNDARSON PART No.	
T1	1.2	1	24-48			

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		BULOVA PART No.	QUAM PART No.	
S1	1 3/4" PM	26-26		

BATTERIES

ITEM No.	VOLTAGE	BULOVA PART No.	REPLACEMENT DATA				NOTES
			BURGESS "A"	"B"	"B"	MALLORY "B"	
M1	4V		H133		E133	TE-133	

MISCELLANEOUS

ITEM No.	PART NAME	BULOVA PART No.	NOTES
M2	Tuning Cap.	12-23	2 Gang

CABINETS & CABINET PARTS

(When Ordering Cabinets & Cabinet Parts, Specify Model, Chassis & Color)

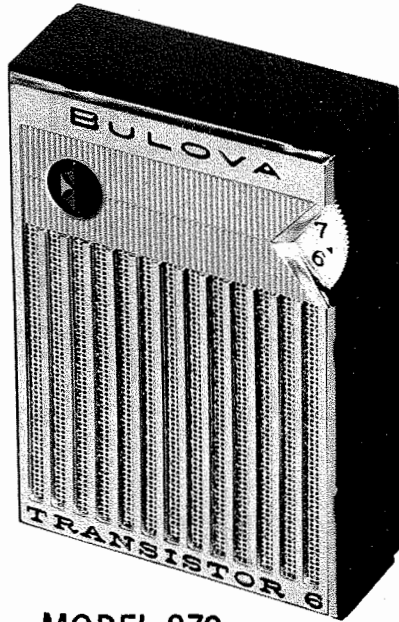
ITEM No.	NAME	PART NO.	DESCRIPTION
Knob		78-73	Tuning
Knob		78-74	Volume
Cabinet		70-95	Assembly, Includes Bezel & Grille

FOLDER 4
SET 614

PHOTOFACT® Folder

with CIRCUITRACE®

BULOVA MODELS 870,
872, 873, 875, 876



MODEL 872

TRADE NAME Bulova Models 870, 872, 873, 875, 876
SUPPLIER Bulova Watch Co., Bulova Park, Flushing 70, N. Y.
TYPE SET Battery Operated 6 Transistor Portable AM Receiver
POWER SUPPLY 4 Volts DC
TUNING RANGE—BROADCAST 540 — 1620KC
RATING 6MA @4 Volts DC (No Signal, Min. Volume)
18MA @4 Volts DC (Signal, Normal Volume)

ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT

Use only enough generator output to provide a usable indication.
Suggested Alignment Tools:
A1 thru A6..... GENERAL CEMENT #5000, 5003, 5066, 8276, 8290, 9087, 9089
WALSCO #2512, 2525, 2528

	SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUST	REMARKS
1.	Fashion loop of several turns of wire and radiate signal into loop of receiver.	455KC (Unmod.)	Tuning gang fully open.	DC VTVM across Volume Control.	A1, A2, A3	Adjust for maximum deflection.
2.	"	1620KC	"	"	A4	"
3.	"	540KC	Tuning gang fully closed.	"	A5	"
4.	"	1400KC	1400KC	"	A6	"

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



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DATE 1-63

SET 614 FOLDER 4

BULOVA MODELS 870,
872, 873, 875, 876

SET 614 FOLDER 4

