

PARTS LIST AND DESCRIPTIONS (Continued)

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		NEC PART No.	Gramer PART No.	Meissner PART No.	Meritt PART No.	Miller PART No.	
L1	Loopstick	TRG-288					
L2	Osc. Coil	TRG-289					
L3	1st IF Trans.	TRG-270A					
L4	2nd IF Trans.	TRG-270B					
L5	3rd IF Trans.	TRG-270C					

TRANSFORMER (DRIVER)

ITEM No.	TURNS RATIO	REPLACEMENT DATA					NOTES
		NEC PART No.	Halliderson PART No.	Meritt PART No.	Stancor PART No.	Thorndason PART No.	
T1	1	TRG-271					

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE	REPLACEMENT DATA					NOTES
		NEC PART No.	Halliderson PART No.	Meritt PART No.	Stancor PART No.	Thorndason PART No.	
T2	400Ω 8-80	TRG-272					
CT							

SPEAKER

ITEM No.	TYPE	REPLACEMENT DATA		NOTES
		NEC PART No.	QUAM PART No.	
SP1	2 1/4" PM	TRG-273		

BATTERIES

ITEM No.	VOLTAGE	REPLACEMENT DATA			NOTES
		NEC PART No.	BURGESS	MALLORY	
M1	9V	BL-008P	"A" 206	"B" 216	M-1804

CRYSTAL DIODES

ITEM No.	ORIG. TYPE	REPLACEMENT DATA			NOTES
		NEC PART No.	CBS PART No.	RAYTHEON PART No.	
M2	SD-46	IN80	IN80	IN80	Detector (Pigtail)

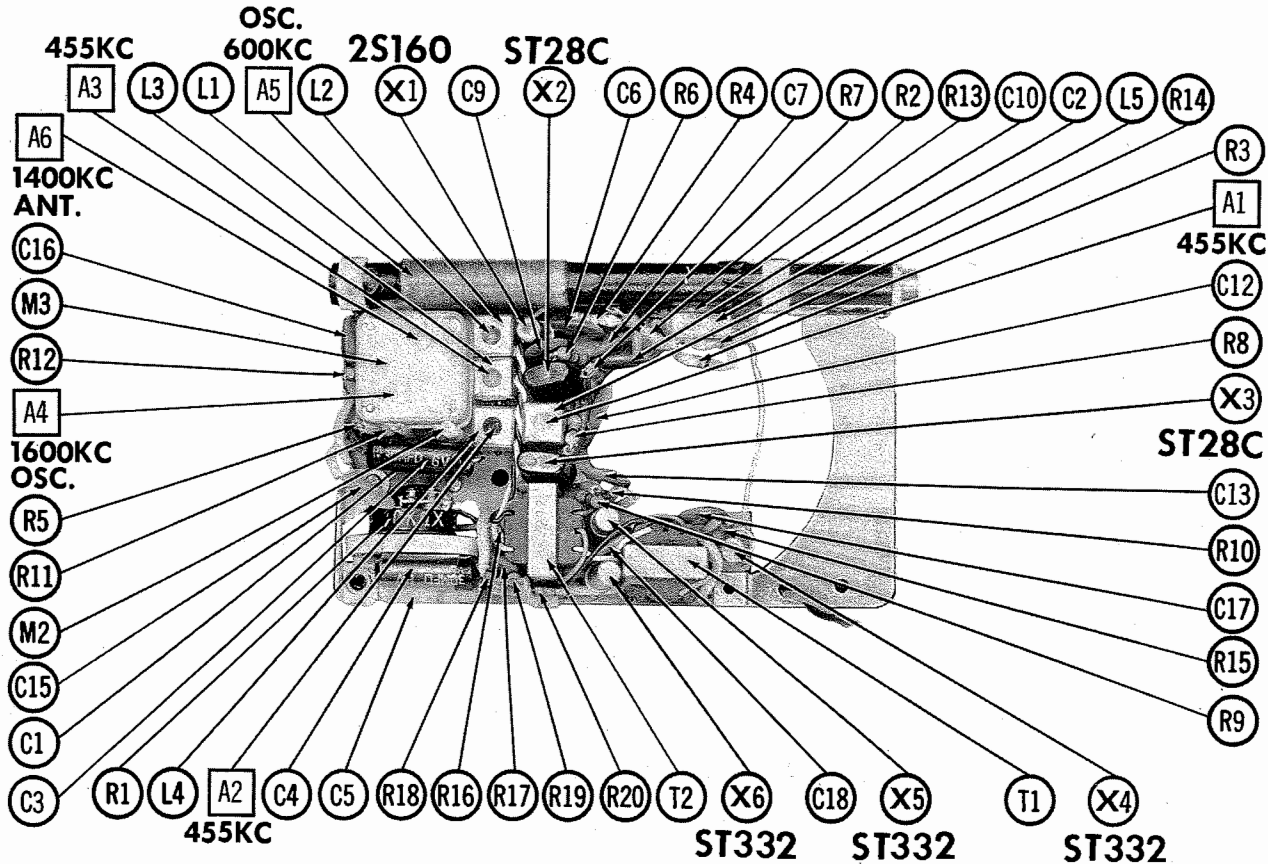
MISCELLANEOUS

ITEM No.	PART NAME	REPLACEMENT DATA		NOTES
		NEC PART No.	TRG-278	
M3	Tuning Cap.		2 Gang	

General-use Unshielded Hook-up Wire ..... Use BELDEN No. 8530 (Solid) Available in Ten Colors  
8824 (Stranded) Available in Ten Colors

WIRING DATA

CHASSIS—TOP VIEW



FOLDER 13  
SET 498



NEC MODEL  
NT-620

NEC MODEL  
NT-620



NEC MODEL  
NT-620

TRADE NAME NEC Model NT-620  
IMPORTER Kanematsu New York, Inc., Import & Export, 150 Broadway, New York 39, N. Y.  
TYPE SET Battery Operated Transistorized Portable AM Receiver  
POWER SUPPLY 9 Volts DC  
TUNING RANGE—BROADCAST 520 - 1700KC  
RATING 7MA @ 9 Volts DC (No Signal, Min. Volume)  
11MA @ 9 Volts DC (Signal, Normal Volume)

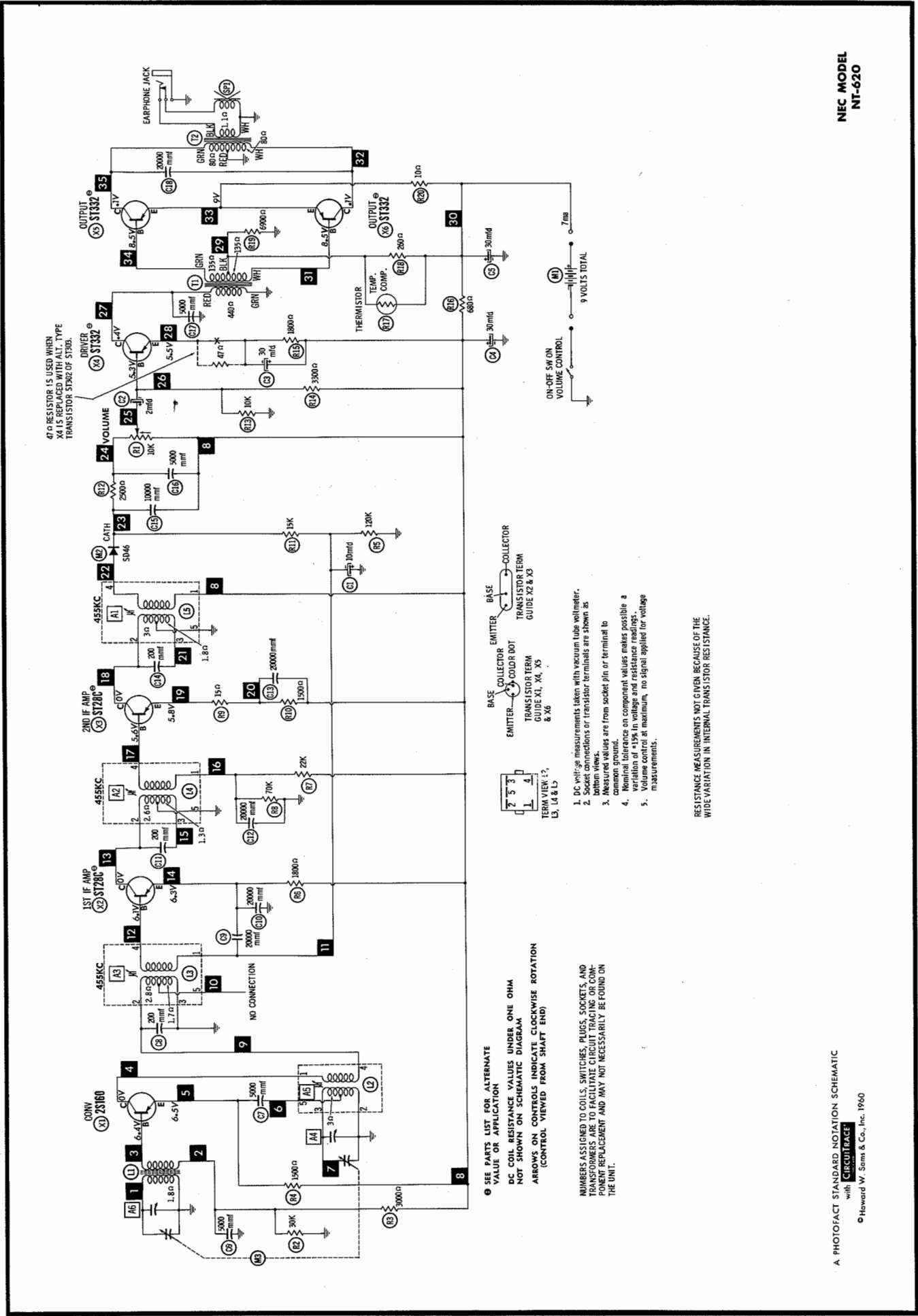
ALIGNMENT INSTRUCTIONS

ALIGNMENT INSTRUCTIONS—READ CAREFULLY BEFORE ATTEMPTING ALIGNMENT					
Volume control should be at maximum position. Output of signal generator should be no higher than necessary to obtain an output reading. Suggested Alignment Tools: A4, A6... GENERAL CEMENT #5000, 5003, 5066, 8276, 8290, 9087, 9089 WALSCO #2512, 2525, 2528					
SIGNAL GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT METER	ADJUST	REMARKS
1. Loop	455KC (400% Mod.)	Tuning gang fully open.	Across voice coil.	A1, A2, A3	Fashion loop of several turns of wire and radiate signal into loop of receiver. Adjust for maximum output.
2. "	1600KC	1600KC	"	A4	"
3. "	600KC	600KC	"	A5	"
4. "	1400KC	Tune to 1400KC signal.	"	A6	Adjust for maximum output while rocking tuning gang.

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

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## PARTS LIST AND DESCRIPTIONS

ITEM No.	ORIG. TYPE	USE	REPLACEMENT DATA			NOTES
			CBS PART No.	RCA PART No.	SYLVANIA PART No.	
X1	2S160	Converter 1st IF Amplifier 2nd IF Amplifier Driver Output		2N488		PNP
X2	ST280C			2N483		PNP
X3	ST280C			2N483		PNP
X4	ST332		2N406	2N482		PNP
X5	ST332		2N408	2N483		PNP
X6	ST332			2N483		PNP

\* Alternate Type ST280B  
† Alternate Type ST302 or ST303  
‡ Alternate Type ST303

## ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP. VOLT.	NEC PART No.	REPLACEMENT DATA			NOTES
			AEROVOX PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	
C1	10	3	PTT3010	NLW10-6	ML10-6	TE-1053
C2	2	12	XPP-12002	NLW2-50	ML2-15	TE-1121
C3	30	6	PWE6030	NLW30-6	ML30-6	TE-1092
C4	30	6	PWE6030	NLW30-6	ML30-6	TE-1092
C5	30	6	PWE6030	NLW30-6	ML30-6	TE-1092

## FIXED CAPACITORS

Capacity values given in the rating column are in mfd. for Paper Capacitors, and in mmfd. for Mico and Ceramic Capacitors.

ITEM No.	RATING	REMARKS	REPLACEMENT DATA			SPRAGUE PART No.
			AEROVOX PART No.	CORNELL-DUBILIER PART No.	ELMCO PART No.	
C6	5000		C80V502AM	DDM-502	H-05D5	TG-D50
C7	5000		C80V502AM	DDM-502	H-05D5	TG-D50
C8	200		SI 200	DDM-203	H-0582	10TS-T30
C9	20000		C80V203AM	DDM-203	H-0582	TG-S20
C10	20000		C80V203AM	DDM-203	H-0582	10TS-T20
C11	20000		C80V203AM	DDM-203	H-0582	TG-S20
C12	20000		C80V203AM	DDM-203	H-0582	10TS-T20
C13	20000		C80V203AM	DDM-203	H-0582	TG-S20
C14	200		SI 200	DDM-203	H-0581	TG-S10
C15	10000		C80V103AM	DDM-103	H-05D5	TG-D50
C16	5000		C80V502AM	DDM-502	H-05D5	TG-D50
C17	5000		C80V502AM	DDM-502	H-05D5	TG-D50
C18	20000		C80V203AM	DDM-203	H-0582	TG-S20

## CONTROLS

ITEM No.	RATING	NEC PART No.	REPLACEMENT DATA		INSTALLATION NOTES
			CENTRALAB PART No.	CLAROSTAT PART No.	
R1	10K	1/4	TRG-274	B16-216	Volume & Switch

## RESISTORS

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

ITEM No.	RATING	REMARKS	ITEM No.	RATING	REMARKS
R2	30K		R9	15Ω	
R3	3000Ω		R10	1500Ω	
R4	1500Ω		R11	15K	
R5	120K		R12	2500Ω	
R6	1800Ω		R13	10K	
R7	22K		R14	3300Ω	
R8	70K		R15	1800Ω	
			R16	680Ω	
			R17	Temp. Comp.	#TRG-293
			R18	260Ω	
			R19	6900Ω	
			R20	10Ω	

# NEC Part Number.