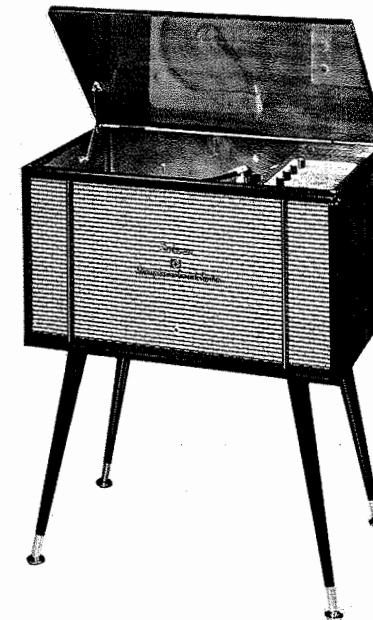
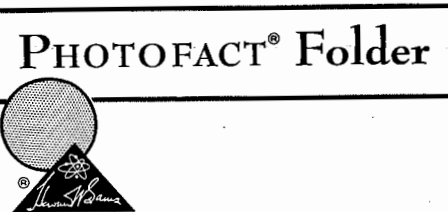
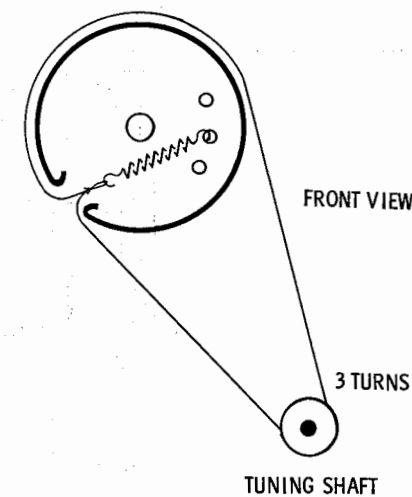


CHASSIS BOTTOM VIEW — CAPACITOR IDENT.



TRADE NAME	Delmonico Model 1125U		
SUPPLIER	Delmonico International, Div., of Thompson-Starrett Co., Inc., 120-20 Roosevelt Avenue, Corona 68, New York		
TYPE SET	AC Operated 11 Tube AM-FM Receiver With Stereo Amplifier And 4 Speed Automatic Record Changer		
POWER SUPPLY	110-120 Volts AC, 60 Cycles	RATING	49 Watts, .47 Amp. @ 117 Volts AC
TUNING RANGE-BROADCAST	530-1620KC	FREQ. MOD.	88-108MC

FOR SERVICE INFORMATION ON RECORD CHANGER — SEE SIMILAR SRC 4 — PHOTOFACT SET 552 FOLDER 7



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

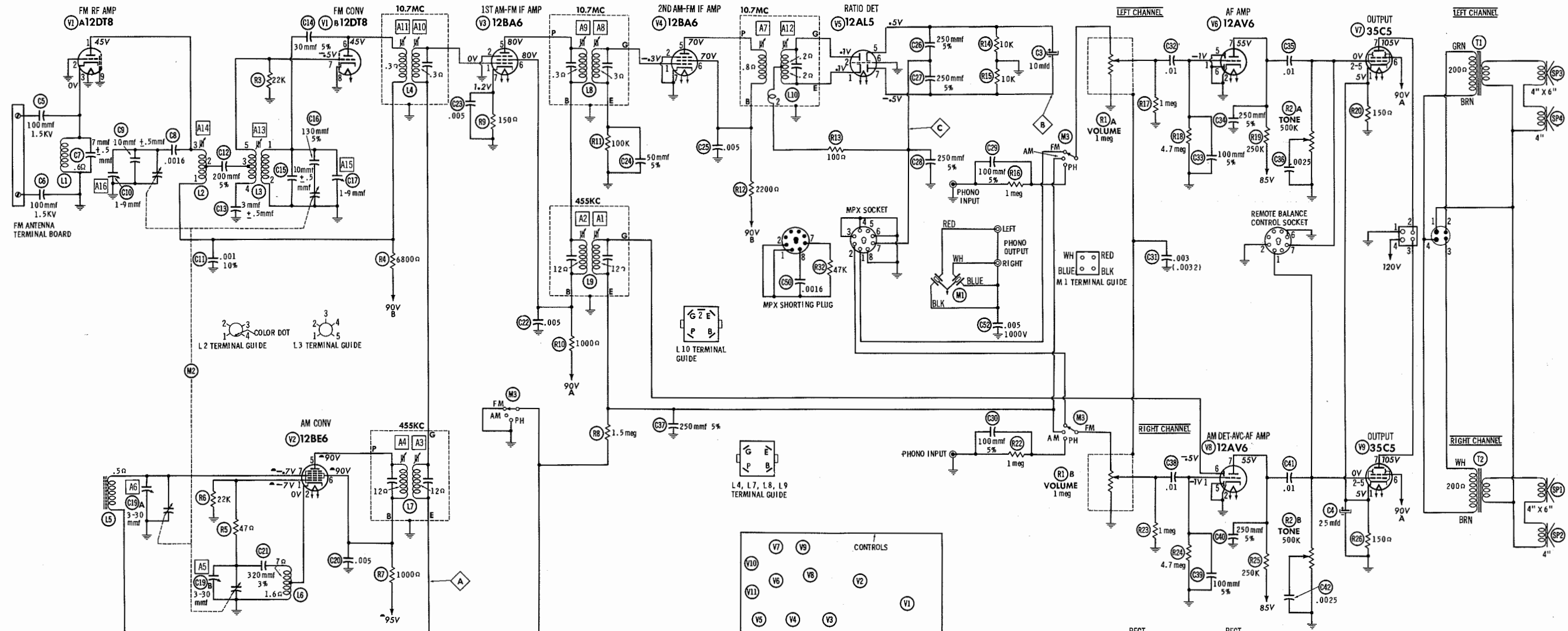


The listing of any available replacement part herein does not constitute in any case a recommendation, warranty or guaranty by Howard W. Sams & Co., Inc., as to the quality and suitability of such replacement part. The numbers of these parts have been compiled from information furnished to Howard W. Sams & Co., Inc., by the manufacturers of the particular type of replacement part listed.
MN226

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DATE 9-63

SET 655 FOLDER 8



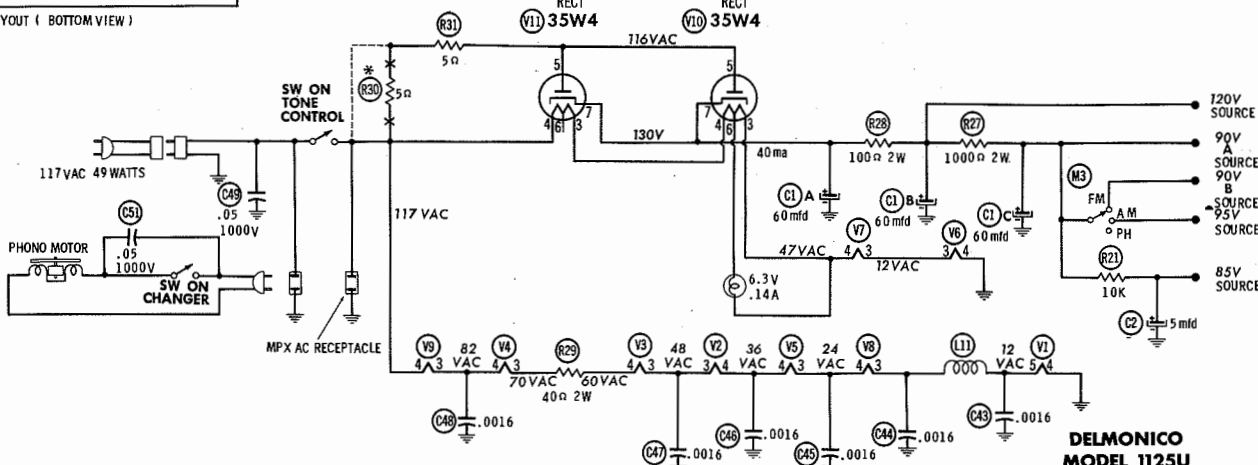
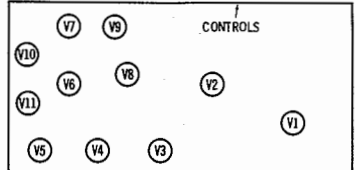
* NOT USED IN SOME VERSIONS

1. Voltage measurements taken with vacuum tube voltmeter.
2. All controls set for normal operation, no signal applied.
3. Measured values are from socket pin or terminal to common ground.
4. All terminals viewed from bottom unless otherwise designated.
5. Numbers assigned to terminals may not be found on the unit.
6. Supply voltage maintained at rated value for voltage readings.

A PHOTOFACT STANDARD NOTATION SCHEMATIC
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ITEM	TUBE	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8	Pin 9
V1	12DT8	17900Ω	0Ω	.6Ω	0Ω	12Ω	17900Ω	22K	0Ω	0Ω
V2	12BE6	22K	1.6Ω	48Ω	36Ω	2100Ω	2100Ω	1.7 meg		
V3	12BA6	12Ω	0Ω	48Ω	60Ω	2100Ω	2100Ω	150Ω		
V4	12BA6	100K	0Ω	100Ω	112Ω	2100Ω	2100Ω	0Ω		
V5	12AL5	260K	260K	24Ω	36Ω	10K	0Ω	10K		
V6	12AV6	4.7 meg	0Ω	12Ω	0Ω	0Ω	0Ω	261K		
V7	35C5	150Ω	500K	12Ω	47Ω	NC	11100Ω	1300Ω		
V8	12AV6	4.7 meg	0Ω	12Ω	24Ω	0Ω	1.5 meg	261K		
V9	35C5	150Ω	250K	112Ω	147Ω	NC	11100Ω	1300Ω		
V10	35W4	NC	NC	82Ω	47Ω	70Ω	TP			
V11	35W4	NC	NC	82Ω	117Ω	70Ω	NC			

ALL MEASUREMENTS TAKEN IN "FM" POSITION UNLESS OTHERWISE DESIGNATED.
MEASURED IN AM POSITION. † MEASURED FROM PIN 7 OF V10 & V11. TP TIE POINT
NC NO CONNECTION † THIS READING WILL VARY DEPENDING UPON THE CONDITION OF THE ELECTROLYTIC IN THE CIRCUIT.



DELMONICO
MODEL 1125U

FOLDER 8

ALIGNMENT INSTRUCTIONS

Maintain line voltage at rated value. Allow a 15 minute warmup for receiver and equipment.
Use only enough generator output to obtain a suitable indication.
Suggested Alignment Tools: GENERAL CEMENT #8290, 8868, 9087 WALSCO #2525, 2528, 2587

AM ALIGNMENT - SELECTOR IN AM POSITION

Fashion loop of several turns of wire and connect generator across loop.

GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
1. 455KC (Unmod.)	Tuning gang fully open.	DC probe of VTVM to point Δ ; common to ground.	A1, A2, A3, A4	Adjust for maximum.
2. 1620KC	Tune to signal	"	A5	"
3. 1400KC	"	"	A6	Adjust for maximum.

FM ALIGNMENT USING AM SIGNAL GENERATOR - SELECTOR IN FM POSITION

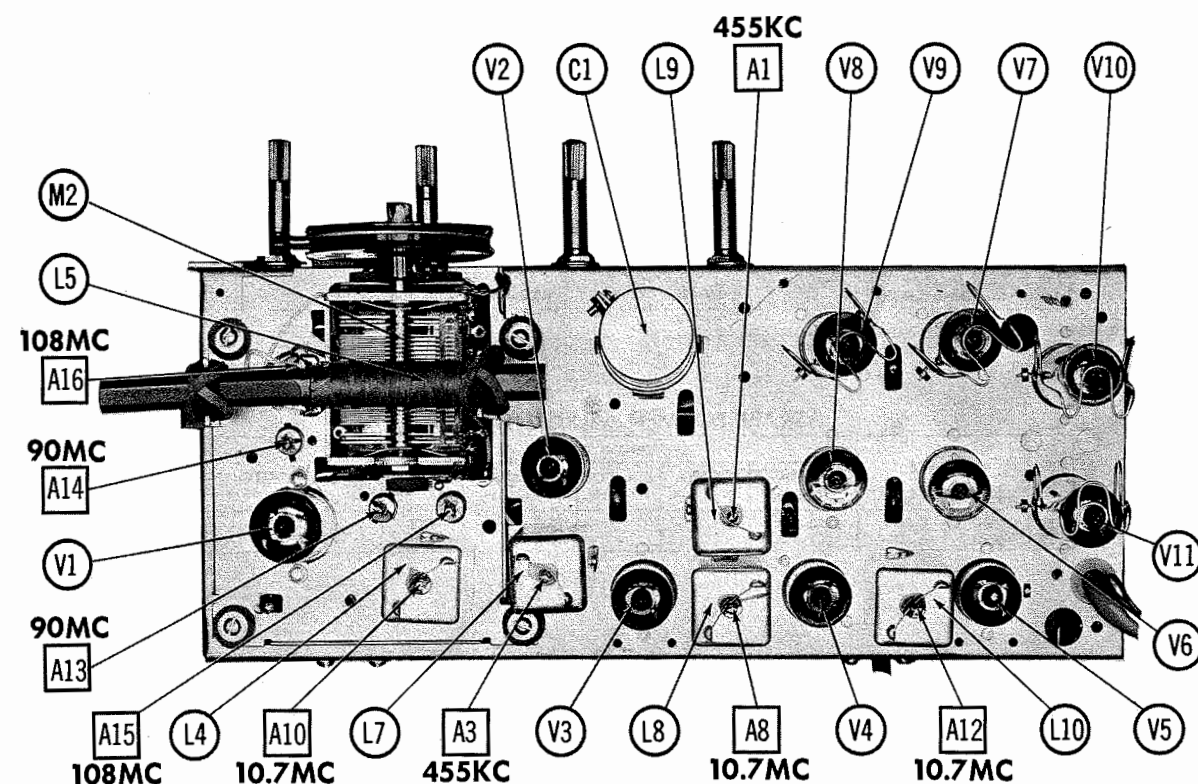
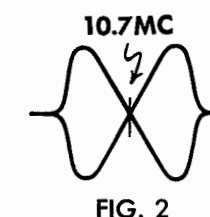
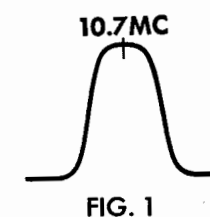
High side to ungrounded shield over FM converter tube, low side to ground; OR across FM antenna terminals with 120 Ω carbon resistor in series with each lead.

GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
4. 10.7MC (Unmod.)	Point of non-interference.	DC probe of VTVM to point Δ ; common to ground.	A7 thru A11	Adjust for maximum.
5. "	"	DC probe to point Δ ; common to ground.	A12	Adjust for zero reading. A positive or negative reading will be obtained on either side of the correct setting.
6. 90MC (Unmod.)	90MC	DC probe of VTVM to point Δ ; common to ground.	A13, A14	Adjust for maximum.
7. 108MC	108MC	"	A15, A16	"

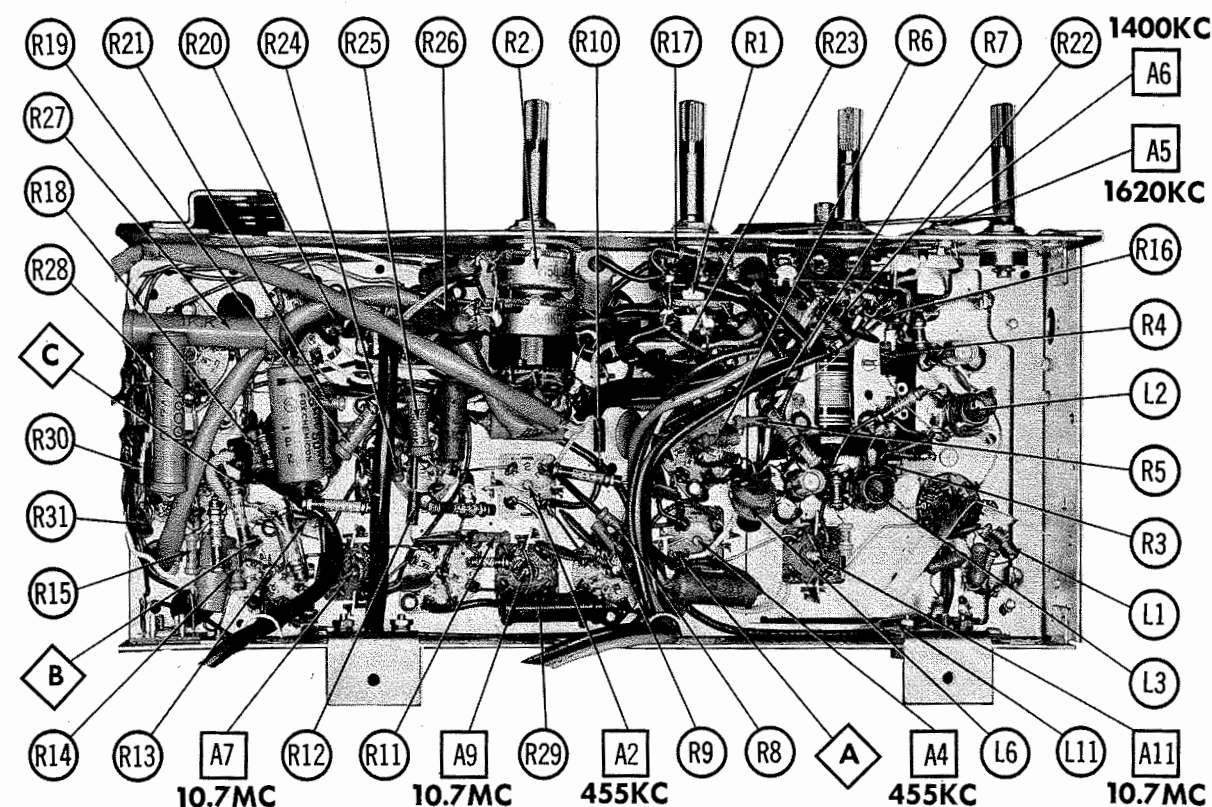
FM IF ALIGNMENT USING FM SIGNAL GENERATOR - SELECTOR IN FM POSITION

High side to ungrounded shield over FM converter, low side to ground.
Use 60% frequency modulated signal with 450KC sweep. Use 120v sawtooth voltage in scope for horizontal deflection.

GENERATOR FREQUENCY	DIAL SETTING	INDICATOR	ADJUST	REMARKS
4. 10.7MC (450KC Swp.)	Point of non-interference.	Vert. amp. of scope to point Δ ; low side to ground.	A7, A8, A9, A10, A11	Disconnect stabilizing capacitor C3. Adjust for maximum gain and symmetry of response similar to Fig. 1 with marker as shown. Reconnect C3.
5. "	"	Vert. amp. to point Δ ; low side to ground.	A12	Adjust to place marker at center of crossover lines similar to Fig. 2. SLIGHTLY retouch A7 for maximum amplitude and straightness of crossover lines.



CHASSIS TOP VIEW



CHASSIS BOTTOM VIEW - RESISTOR & ALIGN. IDENT.

DELMONICO
MODEL 1125U

FOLDER 8

PARTS LIST AND DESCRIPTION

TUBES

• AMPEREX •			• GENERAL ELECTRIC •			• RCA •			• RAYTHEON •			• SYLVANIA •		
ITEM No.	USE	TYPE	ITEM No.	USE	TYPE	ITEM No.	USE	TYPE	ITEM No.	USE	TYPE	ITEM No.	USE	TYPE
V1	FM RF Amp. - FM Conv.	12DT8	V7	Output	35C5	V8	AM Det-AVC-AF Amp.	12AV6	V9	Output	35C5	V10	Rectifier	35W4
V2	AM Conv.	12BE6	V11	Rectifier	35W4									
V3	1st AM-FM IF Amp.	12BA6												
V4	2nd AM-FM IF Amp.	12BA6												
V5	Ratio Detector	12AL5												
V6	AF Amp.	12AV6												

ELECTROLYTIC CAPACITORS

ITEM No.	RATING		REPLACEMENT DATA						
	CAP.	VOLT.	DELMONICO PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	GENERAL ELECTRIC PART No.	GENERAL INSTRUMENT PART No.	MALLORY PART No.	SPRAGUE PART No.
C1A	60	150	04321-B	AFH3-11-50	B0165 BR60-150	XC3-45.1	TMD-2120 TD-60-250	FPX326.45	TVL-2438 TVA-1415
B	60	150							
C	60	150							
C2	5	150	42014-5	CRE954	NLW5-150	MT1-4	MLV5-150	TT150X5	TE-1504
C3	10	50	40124-10	PTT92	BBR10-50	MT1-6	TD-10-50	TC32	TVA-1304
C4	25	50	40124-25	PTT95	BR25-50	QT1-11	TD-25-50	TC36	TVA-1306

FIXED CAPACITORS

ITEM No.	RATING		REMARKS	REPLACEMENT DATA						
	CAP.	VOLT.		AEROVOX PART No.	CORNELL-DUBILIER PART No.	ELMENCOR PART No.	MALLORY PART No.	SPRAGUE PART No.		
C5	100	1.5KV	(.0032)†	NPO-S16.8 BPD-0015 NPO-S1 10	DD30-101	HVB20T1	3CCD-101	2HV-310	15GAB-T1	
C6	100	1.5KV			DD30-101	HVB20T1	3CCD-101	2HV-310	15GAB-T1	
C7	7mmf	±.5mmf			TCZ-6R8	C10V7C	CCTO-6R8	CNO-568	10TCC-V68	
C8	.0016				DD-152	L10D15	CCD-152	B-215	10TS-D15	
C9	10	±.5mmf			TCZ-10	C10Q1C		CNO-410	10TCC-Q10	
C10	1-9				829-10					
C11	.001	10%		DI-1000	DD-102	5R5D1	CCD-102	GP210	10TS-D10	
C12	200	5%		NPO-S13.0	TCZ-200			CNO-320	10TCC-T20	
C13	3	±.5mmf			TCZ-3R3	C10V3C	CCTO-3R3	CNO-533	10TCC-V33	
C14	30	5%			TCZ-30	C10Q3C			10TCC-Q30	
C15	10	±.5mmf		NPO-S1 10	TCZ-10	C10Q1C		CNO-410	10TCC-Q10	
C16	130	5%			TCZ-130					
C17	1-9				829-10					
C18	.05	200V		P288N-05	DD-503	CUB2S5	4DP-3-503	PVC215	2TM-S50	
C19A	3-30									
C19B	3-30									
C20	.005			BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50	
C21	320	3%								
C22	.005			BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50	
C23	.005			BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50	
C24	50	5%			TCZ-50	C10Q5C		CNO-450	10TCC-Q50	
C25	.005			BPD-005	DD-502	BYA10D5	CCD-502	B-250	5HK-D50	
C26	250	5%								
C27	250	5%								
C28	250	5%								
C29	100	5%			TCZ-100	C10T1C		CNO-310	10TCC-T10	
C30	100	5%			TCZ-100	C10T1C		CNO-310	10TCC-T10	
C31	.003	1000V		P1088N-033	DD-302	CUB10D3	16DP-2-302	GEM1023	10TM-D30	
C32	.01	200V		P288N-01	DD-103	CUB4S1	4DP-1-103	PVC211	4TM-S10	
C33	100	5%			TCZ-100	C10T1C		CNO-310	10TCC-T10	
C34	250	5%								
C35	.01	200V		P288N-01	DD-103	CUB4S1	4DP-1-103	PVC211	4TM-S10	
C36	.0025	200V		P288N-0022	DD-252	WMF2D22E	6DP-1-252	GEM-6225	6TM-D25	
C37	250	5%								
C38	.01	200V		P288N-01	DD-103	CUB4S1	4DP-1-103	PVC211	4TM-S10	
C39	100	5%			TCZ-100	C10T1C		CNO-310	10TCC-T10	
C40	250	5%								
C41	.01	200V		P288N-01	DD-103	CUB4S1	4DP-1-103	PVC211	4TM-S10	
C42	.0025	200V		P288N-0022	DD-252	WMF2D22E	6DP-1-252	GEM-6225	6TM-D25	
C43	.0016			BPD-0015	DD-152	L10D15	CCD-152	B-215	10TS-D15	
C44	.0016			BPD-0015	DD-152	L10D15	CCD-152	B-215	10TS-D15	
C45	.0016			BPD-0015	DD-152	L10D15	CCD-152	B-215	10TS-D15	
C46	.0016			BPD-0015	DD-152	L10D15	CCD-152	B-215	10TS-D15	
C47	.0016			BPD-0015	DD-152	L10D15	CCD-152	B-215	10TS-D15	
C48	.0016			BPD-0015	DD-152	L10D15	CCD-152	B-215	10TS-D15	
C49	.05	1000V		P1088N-05	DD-503	CUB10S5	16DP-5-503	GEM-1015	10TM-S50	
C50	.0016	125V		P288N-0015	DD-162	WMF2D15E	6DP-1-152	PVC6215	6TM-D15	
C51	.05	1000V		P1088N-05	DD-503	CUB10S5	16DP-5-503	GEM-1015	10TM-S50	
C52	.005	1000V		P1088N-005	DD-502	CUB10D5	16DP-2-502	GEM-1025	10TM-D50	

† Alternate Value

CONTROLS

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

ITEM No.	USE	RESISTANCE	REPLACEMENT DATA				
			DELMONICO PART No.	CORNELL-DUBILIER PART No.	CLAROSTAT PART No.	CTS-IRC PART No.	MALLORY PART No.
RIA	Volume, Left	1meg	322B (03066-9M)	B-70①, SR-70	AD47-1meg-Z①	MB13-137①, SK1	FA16A① RU16A,
B	Volume, Right	1meg		or (F2-1meg①	KSS-3	QCM or (BUI①	CS3500
R2A	Tone, Left	500K	323B (03066-8M)	R2-1meg, TU304)		SC15, SSL, DC1)*	
B	Tone, Right, Switch	500K		B-60① SR-60,	AD47-500K-Z①	MB13-133① SK1	FA55A①, RU55A,
				KR-1 or	KSS-3, SWE-12	QCM, 76-1 or	CS3500, US-41
				(F2-500K①,		BUI①, SC14,	
				R2-500K,		SSL, GC)*	
				TU304, KR-1)			

* "SNAPTROL"

① Enlarge mounting hole.

PARTS LIST AND DESCRIPTION (CONTINUED)

COILS (RF-IF)

ITEM No.	USE	REPLACEMENT DATA					NOTES
		DELMONICO PART No.	MERIT PART No.	MILLER PART No.	STANCOR PART No.	WORKMAN PART No.	
L1	FM Ant.	①					① 12 Turns
L2	FM RF						
L3	FM Osc.						
L4	1st FM IF						
L5	Loopstick		BC-419	2002	RTC-8915	T582	
L6	AM Osc.						
L7	1st AM IF						
L8	2nd FM IF						
L9	2nd AM IF						
L10	Ratio Detector						
L11	FIL Choke (.67uh)		TV-189	4592	RTC-8514	T803	

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES
	PRI.	SEC.	DELMONICO PART No.	MERIT PART No.	STANCOR PART No.	THORDARSON PART No.	TRIAD PART No.	
T1	4400Ω	6-8Ω	3823-20A			22861	S-62X	
T2	4400Ω	6-8Ω	3823-20A			22861	S-62X	

SPEAKER

ITEM No.	TYPE			REPLACEMENT DATA		NOTES
				DELMONICO PART No.	QUAM PART No.	
SP1	4" X 6"	PM	3-4Ω	SK-2026	46A1	
SP2	4"	PM	3-4Ω	SK-2081	4A1	
SP3	4" X 6"	PM	3-4Ω	SK-2026	46A1	
SP4	4"	PM	3-4Ω	SK-2081	4A1	

PHONO CARTRIDGE & NEEDLES

*NEEDLE LISTINGS SHOWN ARE FOR RESPECTIVE REPLACEMENT CARTRIDGES ONLY.

ITEM No.	REPLACEMENT DATA							NOTES	
	DELMONICO PART No.		ASTATIC PART No.		ELECTRO-VOICE PART No.		SONOTONE PART No.		
	CARTIDGE	NEEDLE*	CARTIDGE	NEEDLE*	CARTIDGE	NEEDLE*	CARTIDGE		NEEDLE*
M1	E0511-A		472	N8-3S* (78) N8-7S* (LP)	97	3005* (LP) 3008* (78)	12THRS	N-12THRS*	
				N8-3S (78) N8-7S (LP)		3002 (78) 3009 (LP)			Original needle replace- ment.

MISCELLANEOUS

ITEM No.	PART NAME	DELMONICO PART No.	NOTES
M2	Tuning Cap		AM-FM 4 Gang
M3	Switch		Selector

WIRING DATA

General-use Unshielded Hook-up Wire	Use BELDEN No. 8530 (Solid) Available in 12 Colors
Power Cord	8524 (Stranded) Available in 12 Colors
	1706 (Plastic) or 17126 (Rubber) - 6 Ft.
	1709 (Plastic) or 17129 (Rubber) - 9 Ft.
Power Cord (Interlock Type)	Use BELDEN No. 8874 (Rubber) or 8895 (Plastic)
Low-Loss Shielded Lead (Interconnecting)	Use BELDEN No. 8401 or 8421
Phono Pick-up Arm Cable	Use BELDEN No. 8430 (Two Conductor-Unshielded)
	8429 (Two Conductor-Shielded)
	8419 (Three Conductor-Shielded)

DELMONICO
MODEL 1125U

FOLDER 8