

378-8

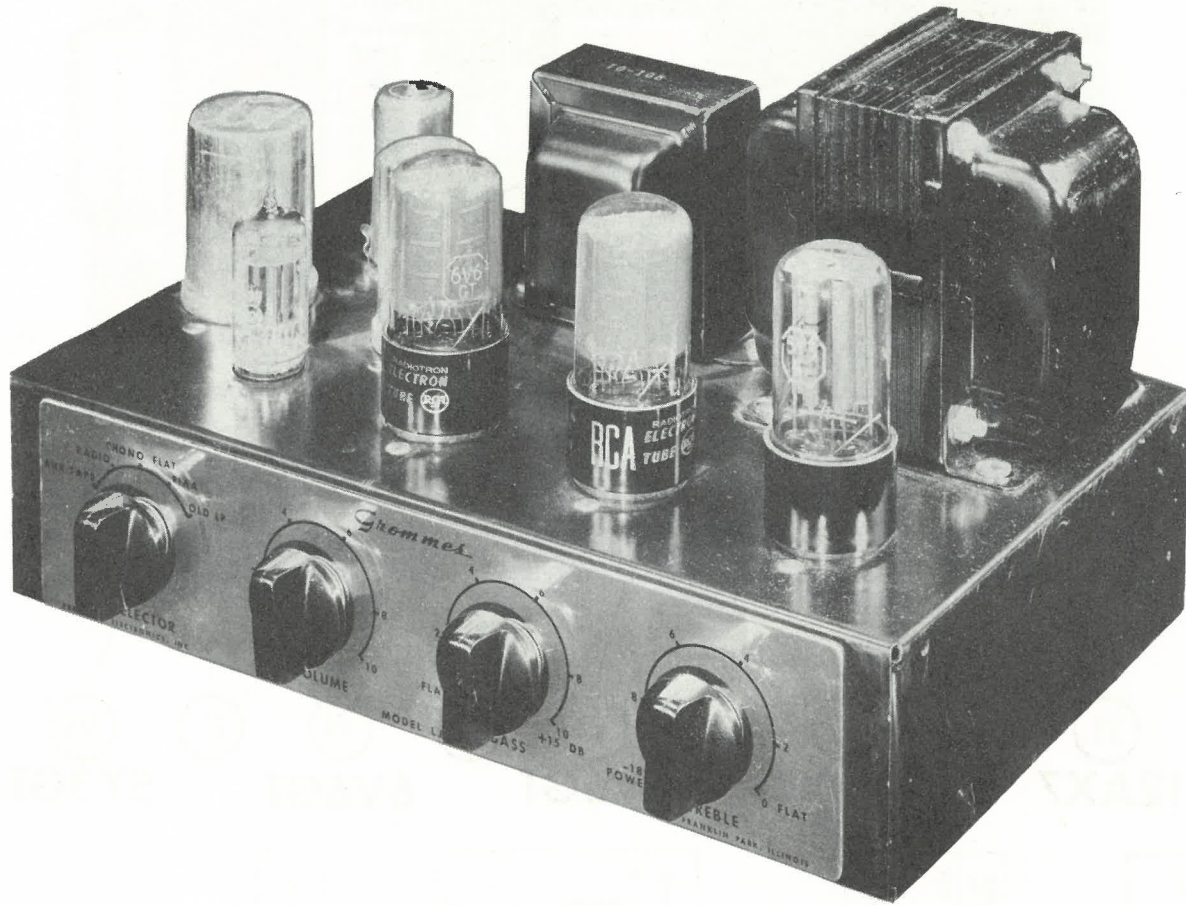
FOLDER 8

PHOTOFACT* Folder



GROMMES
MODEL LJ-5

GROMMES
MODEL LJ-5



TRADE NAME	Grommes Model LJ-5		
MANUFACTURER	Precision Electronics, Inc., 9101 King Ave., Franklin Park, Illinois		
TYPE SET	AC Operated 4 Channel 10 Watt Audio Amplifier		
TUBES (Five)	Types 12AX7 Preamp, 12AX7 AF Amp - Phase Inv., (2) 6V6GT Output, 5Y3GT Rectifier		
POWER SUPPLY	110-120 Volts AC-60 Cycles	RATING	.58 Amp. @ 117 Volts AC (58 Watts)

HOWARD W. SAMs & CO., INC. • Indianapolis 5, Indiana

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GROMMES
MODEL LJ-5

FOLDER 8

PARTS LIST AND DESCRIPTIONS
TUBES (GENERAL ELECTRIC, SYLVANIA)

GROMMES
MODEL LJ-5

CHASSIS—TOP VIEW

ITEM No.	USE	TYPE	NOTES	ITEM No.	USE	TYPE	NOTES
V1	Phono Pre-amplifier	12AX7		V4	Output	6V6GT	
V2	AF Amp. - Phase Inv.	12AX7		V5	Rectifier	5Y3GT	
V3	Output	6V6GT					

ELECTROLYTIC CAPACITORS

ITEM No.	RATING CAP.	VOLT.	REPLACEMENT DATA				
			GROMMES PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	MALLORY PART No.	SPRAGUE PART No.
C1A	40	400		AFH4-117-48	D0640	FP429	TMQ-92
C1B	30	350					
C1C	300	300					
C1D	20	25					
C2A	10	250		APH3-189-40	B0646	WP055	TMS-49
C2B	100	15				TC52	TD-100-15
							S-250
							MTM-150
							TVL-2556

FIXED CAPACITORS

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

ITEM No.	RATING CAP.	VOLT.	REPLACEMENT DATA					NOTES
			GROMMES PART No.	AEROVOX PART No.	CORNELL-DUBILIER PART No.	ERIE PART No.	MALLORY PART No.	
C3	800					ED-1500		10%
C4	1500							10%
C5	3000							10%
C6	100							10%
C7	10000							10%
C8	10000							10%
C9	5000							10%
C10	10000							10%
C11	10000							10%
C12	10000							10%
C13	470							10%

CONTROLS

ITEM No.	RATING RESISTANCE	WATTS	REPLACEMENT DATA					INSTALLATION NOTES
			GROMMES PART No.	CENTRALAB PART No.	CLAROSTAT PART No.	IRC PART No.	MALLORY PART No.	
R1A	2Meg	1/2	GVC2MTIM	BT-78	A4TF3-2Meg	QJ8-139X	UT-451	Volume, Tap @ 1Meg
R2A	2Meg	1/2	LFPC2M	B-76	RS-2	Not Req.	Not Req.	Not Req.
R3A	500K	1/2	G500KW5	Not Req.	RS-2	Not Req.	Not Req.	Not Req.
	Start Switch			B-60	A4T-500K-Z	Not Req.	Not Req.	Not Req.
				Not Req.	RS-2	Not Req.	Not Req.	Not Req.
				KB-1	SW2-12	70-1	US-26	Treble

PARTS LIST AND DESCRIPTIONS (Continued)

RESISTORS

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

ITEM No.	RATING		REPLACEMENT DATA		ITEM No.	RATING		REPLACEMENT DATA		NOTES
	OHMS	WATT	GROMMES PART No.	IRC PART No.		OHMS	WATT	GROMMES PART No.	IRC PART No.	
R4	47K	1			R14	2200Ω				
R5	100K				R15	100K				
R6	100K				R16	470K				
R7	1000Ω				R17	470K				
R8	3.3Meg				R18	470K				
R9	100K				R19	300Ω	5			
R10	47K				R20	47K				
R11	100K				R21	1000Ω				
R12	470K				R22	5600Ω	2			
R13	100Ω									

TRANSFORMER (POWER)

ITEM No.	RATING			REPLACEMENT DATA			
	PRI.	SEC. 1	SEC. 2	GROMMES PART No.	Merit PART No.	Stancor PART No.	Triad PART No.
T1	117VAC @ .58A	60VCT @ .072A	5VAC @ 2A	TP-2U	P-3151	PC8408	24R02U

① Drill new mounting holes.

TRANSFORMER (AUDIO OUTPUT)

ITEM No.	IMPEDANCE		REPLACEMENT DATA					NOTES	
			GROMMES PART No.	Hollidorsen PART No.	Merit PART No.	Stancor PART No.	Thordanson PART No.		Tried PART No.
	PRI.	SEC.							
T2	7200Ω	16Ω Taps@ 8Ω, 4Ω	TO-10B	Z1112			26559	S-28X	

FUSES

ITEM No.	TYPE	RATING	REPLACEMENT DATA			
			GROMMES PART No.		LITTELFUSE PART No.	
			FUSE	HOLDER	FUSE	HOLDER
M1	3AG	1 1/4A 250V			31201 5 (3AG 1 1/4 250V)	AGC1 1/2 HKP

MISCELLANEOUS

ITEM No.	PART NAME	GROMMES PART No.	NOTES
M2	Switch		Selector (Rotary Water Type)

CHASSIS—BOTTOM VIEW

