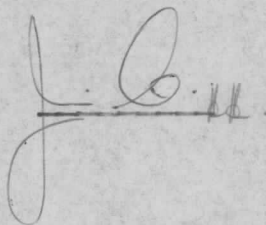


M A T E R I A L - L I S T

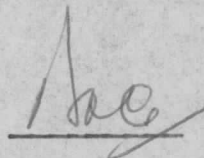
PEAK CLIPPING AMPLIFIER MODEL PCA-1

SECTION I;	Electrical Components and Mechanical Parts
SECTION II:	Hardware
SECTION III:	Supporting Drawings
SECTION IV:	Loose Items

CHECKED:



APPROVED:



TYPED:

January 10, 1962/hh

PEAK CLIPPING AMPLIFIER MODEL PCA-1

BILL OF MATERIAL		MODEL	PCA-1				PROJ. NO.					LIST NO.	ML-10074		
		ISSUE	A	B	C							SHEET 1 OF 5 SHEETS			
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION									REMARKS				
		SECTION I: <u>Electrical Components and Mechanical Parts</u>													
AT-10002	1	ATTENUATOR: Daven type CP-632-T									R128				
BI-101-44	1	LAMP: pilot													
CC-10002-1	5	CAPACITOR: ceramic disc., 0.01, 10%									C101, C103, C104, C114, C115				
CE2E200R	1	CAPACITOR: electrolytic, 20 + 20 uf, 450 V.W. octal plug-in									C113A and B				
CM20A102K	1	CAPACITOR: silvered mica, 1000 uuf, 500 VDCW.									C110				
CN-10005-2	1	CAPACITOR: 0.27 uf, ± 10%, 400 VDCW, (Rogers) C296AC/A270K									C112				
CN-10005-3	6	CAPACITOR: 0.47 uf, ± 10%, 400 VDCW, (Rogers) C296AC/A470K									C102, C105, C106A, C106B, C107, C108				
CU-102-3	1	CLAMP: plastic													
FH-100-2	1	FUSEHOLDER													
FU-102-.500	1	FUSE: slo-blo, .5 amp. Little Fuse # 313.500									F101				
FX-10008	1	FILTER: low-pass, New England # 4476									FX101				
JJ-100-A	1	JACK: Hubbell twistlock									J101				
MR-101-1	1	METER: volume level									M101				
MS-10266	1	LATCH ASSEMBLY:													
MS-10270	2	BRACKET: potentiometer													
MS-10272	1	FRONT PANEL													
MS-10278	2	HINGES													
MS-10356	1	BRACKET: switch													
MS-10365	1	CHASSIS									Ref. LD-10085				
NP-10047	1	ESCUTCHEON: plate													
NP-10048-1	1	ESCUTCHEON: plate													
NP-10048-2	1	ESCUTCHEON: plate													
↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓						CHECKED						APPROVED <i>10074</i>			

TMC(Canada) LIMITED

OTTAWA, ONTARIO

PEAK CLIPPING AMPLIFIER MODEL PCA-1

BILL OF MATERIAL		MODEL	PCA-1				PROJ. NO.	LIST NO.	ML-10074	
		ISSUE	A	B	C			SHEET 2 OF 5 SHEETS		
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION					REMARKS			
NP-10049-1	1	NAMEPLATE								
NP-10050	1	ESCUTCHEON: plate								
NT-101-4	4	NUT STRAP: 7 pin								
NT-101-5	3	NUT STRAP: 9 pin								
RC20GF105J	1	RESISTOR: 1 Meg ohm, 1/2 w., ± 5%, carbon					R113			
RC20GF123J	2	RESISTOR: 12K, 1/2 w., ± 5%, carbon					R115, R124			
RC20GF154J	2	RESISTOR: 150K, 1/2 w., ± 5%, carbon					R104, R116			
RC20GF185J	1	RESISTOR: 1.8 Meg, 1/2 w., ± 5%, carbon					R127			
RC20GF223J	2	RESISTOR: 22K, 1/2 w., ± 5%, carbon					R110, R121			
RC20GF224J	2	RESISTOR: 220K, 1/2 w., ± 5%, carbon					R117, R131			
RC20GF274J	1	RESISTOR: 270K, 1/2 w., ± 5%, carbon					R106			
RC20GF275J	1	RESISTOR: 2.7 Meg, 1/2 w., ± 5%, carbon					R114			
RC20GF392J	1	RESISTOR: 3.9K, 1/2 w., ± 5%, carbon					R122			
RC20GF393J	1	RESISTOR: 39K, 1/2 w., ± 5%, carbon					R107			
RC20GF473J	1	RESISTOR: 47K, 1/2 w., ± 5%, carbon					R118			
RC20GF563J	2	RESISTOR: 56K, 1/2 w., ± 5%, carbon					R108, R112			
RC20GF681J	1	RESISTOR: 680 ohm, 1/2 w., ± 5%, carbon					R119			
RC20GF683J	1	RESISTOR: 68K, 1/2 w., ± 5%, carbon					R103			
RC20GF684J	1	RESISTOR: 680K, 1/2 w., ± 5%, carbon					R105			
RC20GF822J	1	RESISTOR: 8.2K, 1/2 w., ± 5%, carbon					R102			
RC20GF823J	1	RESISTOR: 82K, 1/2 w., ± 5%, carbon					R129			
RC20GF825J	2	RESISTOR: 8.2 Meg, 1/2 w., ± 5%, carbon					R101, R132			
RC30GF102J	1	RESISTOR: 1000 ohm, 1 watt, ± 5%					R109			
RC30GF103J	1	RESISTOR: 10K, 1 watt, ± 5%, carbon					R120			
RC42GF473J	1	RESISTOR: 47K, 2 watt, ± 5%, carbon					R123			
RV4ATXA104A	1	RESISTOR: variable, 100K					R111			
RV4ATXA255A	1	RESISTOR: variable, 2.5 Meg ohm					R130			
RW-109-24	1	RESISTOR: 1000 ohm, 10 watt, W.W.					R126			
RW-109-26	1	RESISTOR: 1500 ohm, 10 watt, W.W.					R125			

OTTAWA, ONTARIO

TMC(Canada)LIMITED

↑ APPLICABLE SPECIFICATIONS. LAST PAGE ↓

CHECKED

APPROVED

msc

PEAK CLIPPING AMPLIFIER MODEL PCA-1

TMC(Canada)LIMITED
OTTAWA, ONTARIO

BILL OF MATERIAL

MODEL PCA-1

PROJ. NO.

LIST NO. ML-10074

ISSUE A B C

SHEET 3 OF 5 SHEETS

PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION	REMARKS
ST-22K	1	SWITCH: ON/OFF	S103
SW-10012	1	SWITCH: toggle 3PDT 10A, 250 V.	S102
SW-10015	1	SWITCH: rotary (Centralab PA-1006)	S101
TE-102-2	18	STAND OFF INSULATOR	
TF-126	1	TRANSFORMER: power	T103
TF-10012	1	TRANSFORMER: input, special 600-25 ohm, 100 K ohm.	T101
TF-10013	1	TRANSFORMER: output, T 49919-B	T102
TM-100-4	1	TERMINAL BOARD: 4 way	E102
TM-100-6	1	TERMINAL BOARD: 6 way	E101
TS-101-PO1	1	TUBE SOCKET: octal	
TS-102-PO1	4	TUBE SOCKET: 7 pin, miniature	
TS-102-U01	1	TUBE SHIELD: 7 pin, miniature	
TS-102-U03	3	TUBE SHIELD: 7 pin, miniature	
TS-103-PO1	3	TUBE SOCKET: 9 pin, miniature	
TS-103-U02	3	TUBE SHIELD: 9 pin, miniature	
TS-106-1	1	LIGHT: miniature, bayonet, red frosted lens; indicator.	I101

↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓

CHECKED

APPROVED *[Signature]*

PEAK CLIPPING AMPLIFIER PCA-1

TMC(Canada)LIMITED
OTTAWA, ONTARIO

BILL OF MATERIAL

MODEL PCA-1
ISSUE A B C

PROJ. NO.

LIST NO. ML-10074
SHEET 4 OF 5 SHEETS

PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION	REMARKS
<u>SECTION II: Hardware</u>			
LWE08MRN	8	LOCKWASHER	
LWIO4MRN	26	LOCKWASHER	
LWIO6MRN	21	LOCKWASHER	
LWIO8MRN	3	LOCKWASHER	
NTH044OBN8	1	NUT: 4-40	
NTH0632BN12	29	NUT: 6-32	
NTH0832BN12	12	NUT: 8-32	
SC-110-1	12	SCREW: self tapping	
SCBP044OBN4	32	SCREW: 4-40	
SCBP0632BN5	12	SCREW: 6-32	
SCBP0632BN8	8	SCREW: 6-32	
SCBP0632BN48	2	SCREW: 6-32	
SCBP0832BN20	4	SCREW: 8-32	
SCFP0832BN8	6	SCREW: 8-32, flat head	
SCFP0832BN10	3	SCREW: 8-32, flat head	
SCFP0832BN12	1	SCREW: 8-32, flat head	
TE-101-5	2	LUG: solder # 12	
TE-104-1	6	LUG: solder # 4	
TE-104-2	5	LUG: solder # 6	
TE-104-3	1	LUG: solder # 8	
WA-109-19	4	WASHER: fibre	

↑ APPLICABLE SPECIFICATIONS, LAST PAGE ↓

CHECKED

APPROVED

PEAK CLIPPING AMPLIFIER MODEL PCA-1

BILL OF MATERIAL		MODEL	PROJ. NO.										LIST NO.
		PCA-1											ML-10074
		ISSUE	A	B	C								SHEET 5 OF 5 SHEETS
PART NO.	QUAN. PER ONE EQUIP.	DESCRIPTION										REMARKS	
												<u>DRWG. SIZE</u>	
		SECTION III: <u>Supporting Drawings</u>											
A-10229		FRONT PANEL ASSEMBLY										8	
A-10234		MECHANICAL ASSEMBLY										4	
A-10236		PARTIAL CHASSIS ASSEMBLY										8	
CK-10338		SCHEMATIC DIAGRAM										8	
LD-10085		STAMPING DETAILS - CHASSIS										Ref. MS-10365 8	
MS-10266		LATCH ASSEMBLY										1	
MS-10270		BRACKET POTENTIOMETER										1	
MS-10272		FRONT PANEL										8	
MS-10278		HINGES										2	
MS-10356		SWITCH BRACKET										1	
MS-10365		CHASSIS										Ref. LD-10085 8	
NP-10047		ESCUTCHEON										1	
NP-10048-1		ESCUTCHEON										1	
NP-10048-2		ESCUTCHEON										1	
NP-10049-1		NAMEPLATE										1	
NP-10050		ESCUTCHEON										1	
S-10076		TEST PROCEDURE FOR MODEL PCA-1										1	
		SECTION IV: <u>Loose Items supplied with unit</u>											
CA-103-72	1	CORD ASSEMBLY											

OTTAWA, ONTARIO

TMC(Canada)LIMITED

↑ APPLICABLE SPECIFICATIONS. LAST PAGE ↓

CHECKED

APPROVED *me*

