IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

NOTICE TO PERSONS RECEIVING THIS DRAWING

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Property of:

THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, NEW YORK

CK 372 K

REGULATOR CHASSIS

S601 POSITIONS	
POSITION	MODE
1	PHONE
2	TUNE
3	CW-FS
4	SSB

NOTE- S601 SHOWN IN POSITION 1 (PHONE)

S601 MODE SWITCH

S601 A (FRONT)

S601 A (REAR)

S601 B (FRONT)

S601 B (REAR)

S601 C (FRONT)

S601 C (REAR)

MODE SWITCH S601 A,B,C

R601 15K 10W

FINAL SCREEN GRID OVERLOAD ADJUST R603 500 12.5W

R602 15K 10W

R604 400 10W

CR601 IN1084

CR602 IN1084

E601 1 2 3 4 5 6 7 8

C614 100MFD 100WVDC

K601 TRANSMITTER PLATES RELAY

C611 .01

R607 25K 20W

E602 9 10 11 12 13 14 15 16 17 18 19 20

C603 0.1

K602 TIME DELAY RELAY

V608 0A2 · V609 0A2 · K604 · V610 0A2 · V611 0A2

FINAL SCREEN GRID REGULATORS

C613 .20

R625 10K 10W

R626 20K 10W

E603 21 22 23 24 25 26 27 28 29 30 31 32

R608 7.5 10W

R609 15 12.5W

FINAL PLATE OVERLOAD ADJUST

R605 2K 12.5W

FINAL BIAS ADJ.

C612 0.1

R606 5K 10W

S604 FINAL PLATE

OFF · ON · OFF · ON

V601 0B2 BIAS REG.

V602 0B2 BIAS REG.

R610 2K 10W

R612 50K 10W

C604 4 · C605 4 · C606 80 · C607 4

L601 50 · L602 10 · L603 10

R611 500 10W

F604 LOW B- 0.125 A

F605 LOW B+ 0.3 A

V603 6X4 LOW B- RECT.

V604 5R4GY LOW B+ RECT.

T601

115 V. OPERATION

F602 L.V. SUPPLY 3A/115V 1.5A/230V

CB602 FINAL SCREEN GRID OVERLOAD RESET

R614 6.8K 2W

I601 FINAL OVERLOAD INDICATOR

R618 220K 2W

R619 20M 2W

R620 20M 2W

R621 20M 2W

R622 20M 2W

R623 20M 2W

R624 90K 160W

L604 10 · L605 10

C608 4 · C609 4

V605 5R4GY MID VOLT. RECT.

F606 MID B+ 0.3A

T602

F603 M.V. SUPPLY 3A/115V. 1.5A/230V.

115 VOLT OPERATION

230 VOLT OPERATION

T601 & T602

STANDBY REMOTE · OPERATE · S603 XMTR PLATES

J601

J604 UTILITY OUTLET

J602

S602 M.O. BYPASS 1=NORM., 2=BYPASS

I602 FINAL PLATE IND.

I603 XMTR. PLATES IND.

CB603 FINAL PLATES OVERLOAD RESET

P512 P/O W508 MS3106B18-16P

J603 MS3102A18-16S

F601 M.O. OVEN 3A/115V 1.5A/230V

CB601 MAIN POWER ON-OFF

V606 872A HIGH VOLT. RECT

V607 872A HIGH VOLT. RECT.

W507 · W506 TO T501 (CAB-7) H.V. TRANSFORMER

E504 · E505

R615 50K 160W · R616 50K 160W · R617 12.5K 160W

C610 4 · C601 4 · C602 4

L606 10-25

T603

S605 FILAMENT LINE ADJUST SWITCH

M601 FIL. LINE

I604 MAIN POWER IND.

WHITE

T604 FOR 230V. OPERATION, REMOVE LEAD MARKED ×-×-×-×-(WHITE) & WIRE AS SHOWN BELOW.

T604 230 · 130 · 125 · 120 · 115 · 110 · 105 · 100 · 0

CB601 FOR 230 V. OPERATION, REMOVE LEADS FROM TERMINALS "C" AND CONNECT TO TERMINALS "B" (SHOWN BY DOTTED LINES)

C B

MATES WITH J601 P502 P/O W502

MATES WITH J602 P503 P/O W501

NOTES:
1. ALL CAPACITOR VALUES ARE IN MICROFARADS.
2. ALL RESISTOR VALUES ARE IN OHMS.
3. ALL COIL VALUES ARE IN HENRIES.
4. LAST SYMBOL NUMBERS—

C614	I604	R624
CB603	J603	S605
CR602	K603	T604
E603	L606	V611
F606	M601	

REF. CK-371( ) CAB-7 SCHEMATIC

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
F	1	C606 WAS 4	3 27 59	886	J.C.B.		
E	1	PART NOS. DELETED FE01 TL LUGS	1/26/59	728			
D	1	S601 R Rear Revised CR601 & CR602 PARTLY REVERSED R613 DELETED	1/26/59	703			
C	1	Term. 12 of E602 was connected to Term. 8 of J601	6/22/58	603			
B	1	K603 ADDED	12/15/58	541			
A	2	E604 & E605 SYM. CH'GD TO E504 & E505 (P/O CAB-7)	11/24/58	538	LG		
	1	V606 & V607 WERE 4B32 NOW ARE 872A					

TOLERANCES — SCALE:

ALL OTHERS: DEC. DIM. ± · FRAC. DIM. ± · ANGULAR DIM. ± — DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

ISSUE	ITEM	REVISION	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
K		ADDED C 614	6/18/71	DCHOR	GE		
J	1	R610 WAS 6K	6 17 66	4209			
H	1	POS. OF CR601 & CR602 CLARIFIED	4-7-64	1197	A.M.		
G	3	ON K602, PIN 3, 6WIR, 4-PIN, 3 WIRE	3-4-63	5375	GDL		
	2	C613, R625, R626 ADDED					
	1	K604 WAS K603					

ISSUE	ITEM	REVISION	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

ISSUE	ITEM	REVISION	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.

REQ PER UNIT	MODEL	PROJECT NO.	ASS'Y NO.	DATE
1	RTP-2	GPT-750( )2		9-30-58

USED ON

REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
		STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		MATERIAL / WEIGHT PER PC	SCHEMATIC DIAGRAM, MODEL RTP-2	
		TYPE & TEMPER	9-30-58 P.A.	
		HEAT TREAT. SPEC.	DRAWN / ELEC. DES. APP. / MECH. DES. APP.	
		FINISH & SPEC. NO.	CHECKED / FINAL APPROVAL	CK-372 K

FORM-111