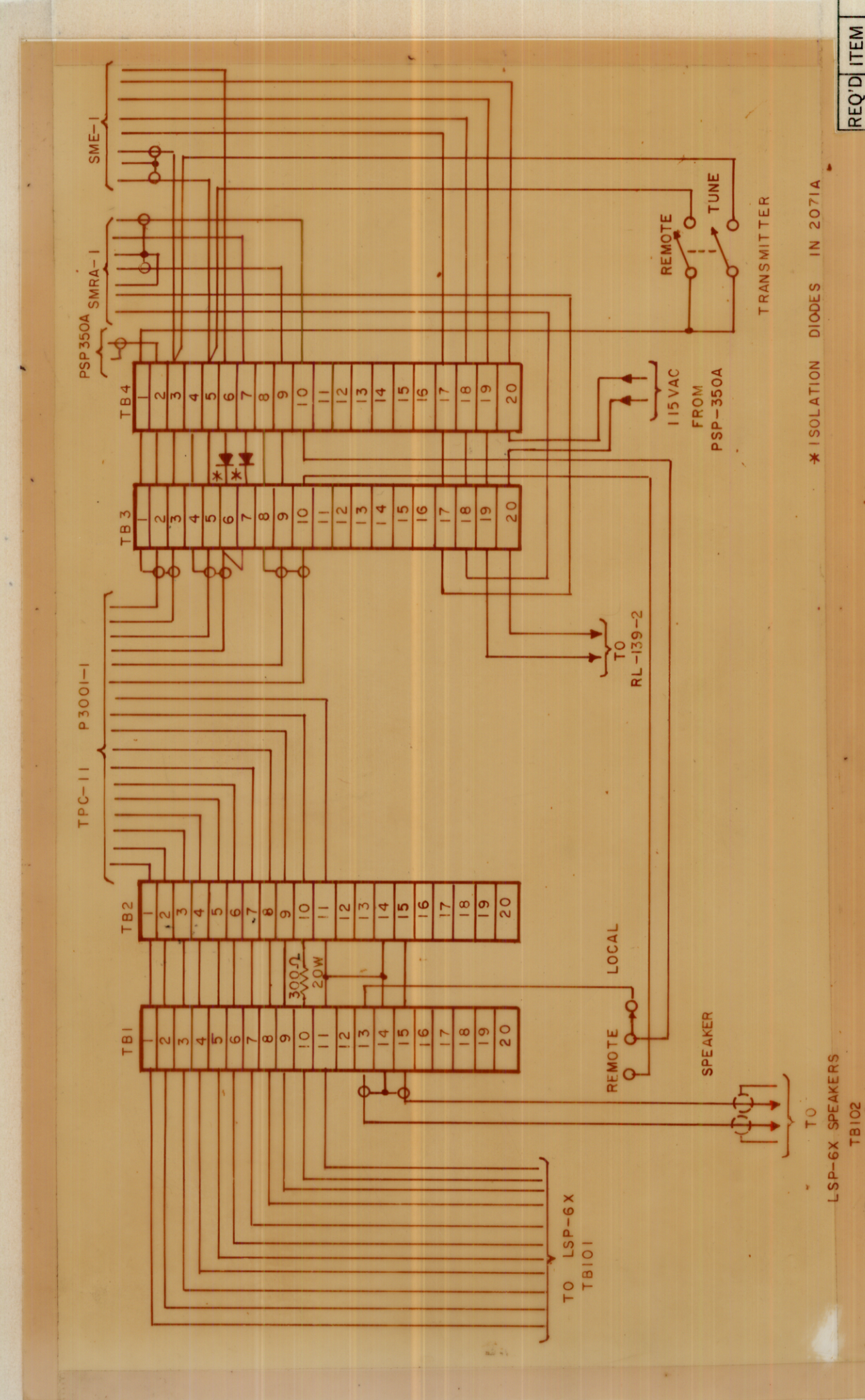


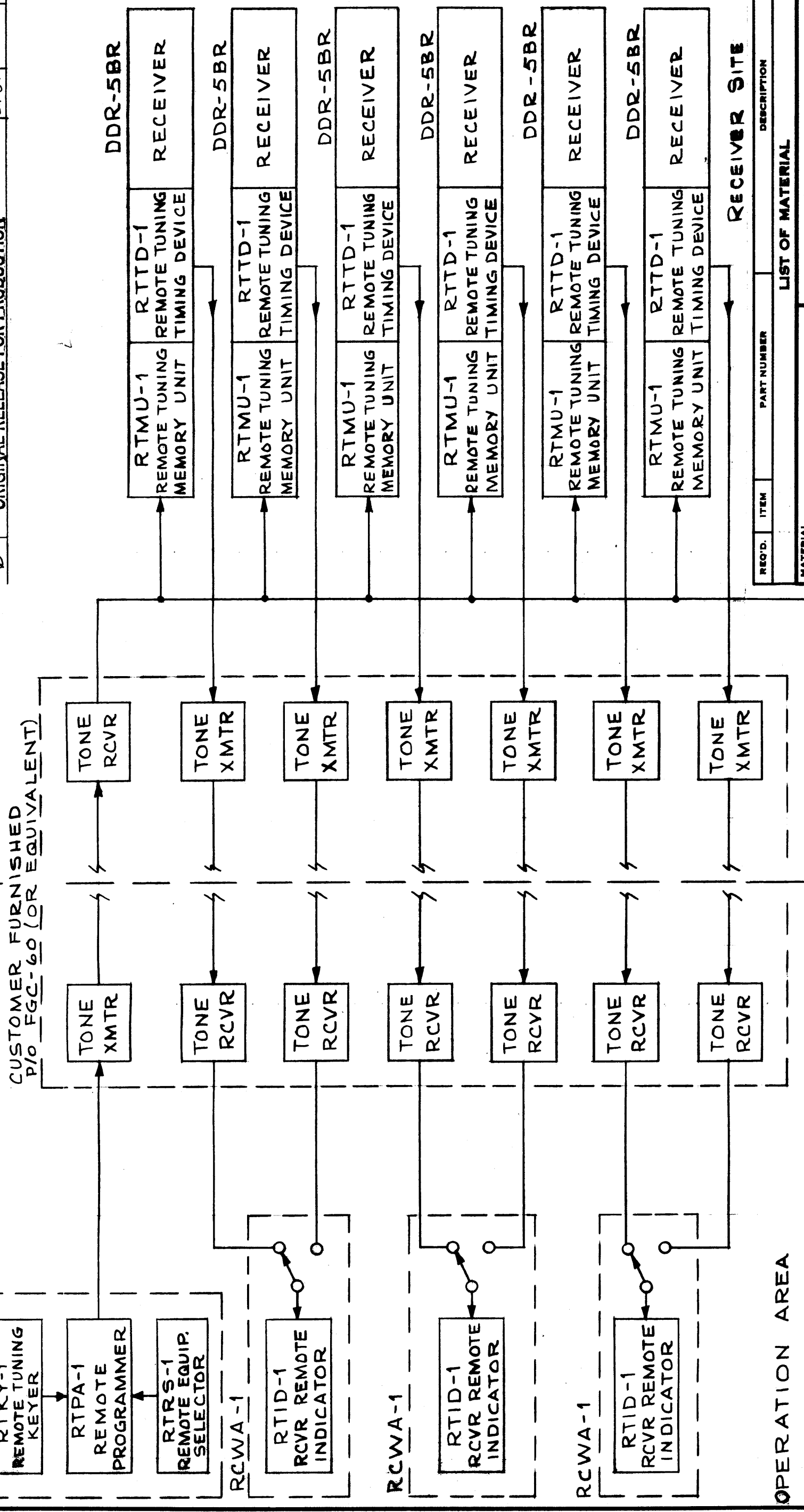
REVISIONS

ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD	APPD
	X3	COMPLETELY REVISED	3-6-67		RME		
	Ø	ORIG. RELEASE FOR PROD.	5-22-67	Ø	RG		



REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
LIST OF MATERIAL			
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
DIAGRAM, SCHEMATIC, INTERCONNECT			
SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
B	82679	CK900	Ø
SCALE	SHEET		OF
	1		1

QTY / UNIT	MODEL USED ON	ASS'Y NO.
ECPA-1		
APPLICATION		
CODE		
<p>NOTICE TO PERSONS RECEIVING THIS DRAWING THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.</p>		



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
			RECEIVER SITE	
LIST OF MATERIAL				
MATERIAL			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK 4012-6	
FINISH			BLOCK DIAGRAM TECHNIMATIC RECEIVER CONTROL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DATE	10-6-65	DATE
DECIMALS		CHECKED	H. AUSTIN	DATE
.X ± .05		ELECT. DES.	[Signature]	DATE
.XX ± .01		MECH. DES.		DATE
.XXX ± .005				DATE
FRACTIONS				
± 1/64				
ANGLES				
± 0° 30'				

QTY./UNIT	SCALE	MODEL USED ON	CODE	ASSY. NO.

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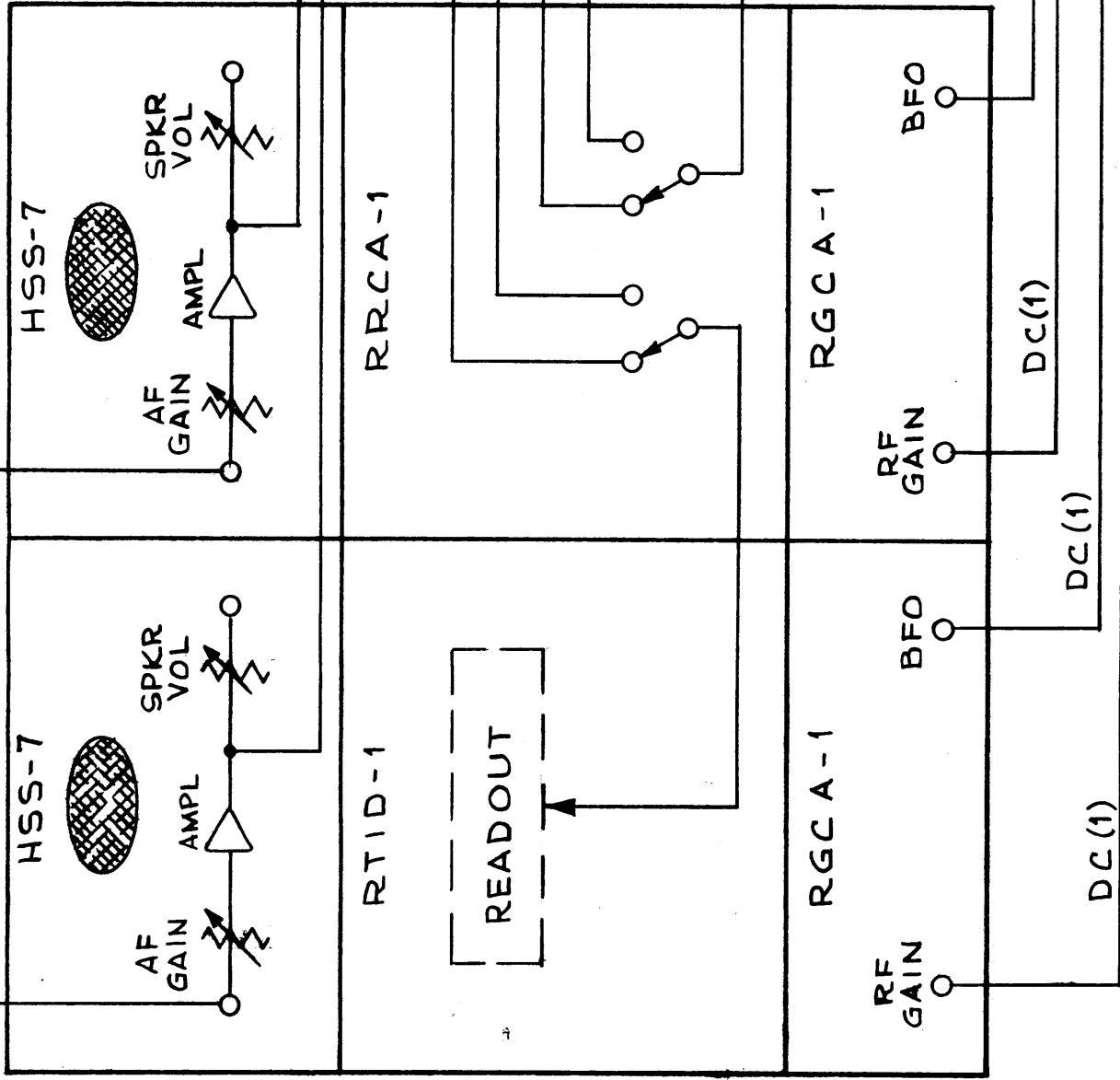
NOTES

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	12/1/65				

10 Y U

AUDIO RCVR #1
AUDIO RCVR #2



TO RCVR ↑
TUNING
CIRCUITS
60 MA ○
(NOTE 2)

TO HEADSETS (ON OPERATORS POSITION)

RCVR #1 } REMOTE READBACK
RCVR #2 } CIRCUIT
XMTR #1 } TO TRANSMITTER
XMTR #2 } CONTROL BOARD

FROM TELEGRAPH KEY (ON OPERATORS POSITION)

- NOTE: 1- THREE (3) TERMINAL STRIPS ARE PROVIDED IN THE REAR OF CABINET.
(2) TM-100-12 FOR ALL DC LINES
(1) TM-100-16 FOR ALL AUDIO LINES
- 2- OPERATING POSITION JACK FOR TRUNKING PTCA-1, PORTABLE PROGRAMMER, TO RECEIVER TUNING CIRCUITS.

NOTES

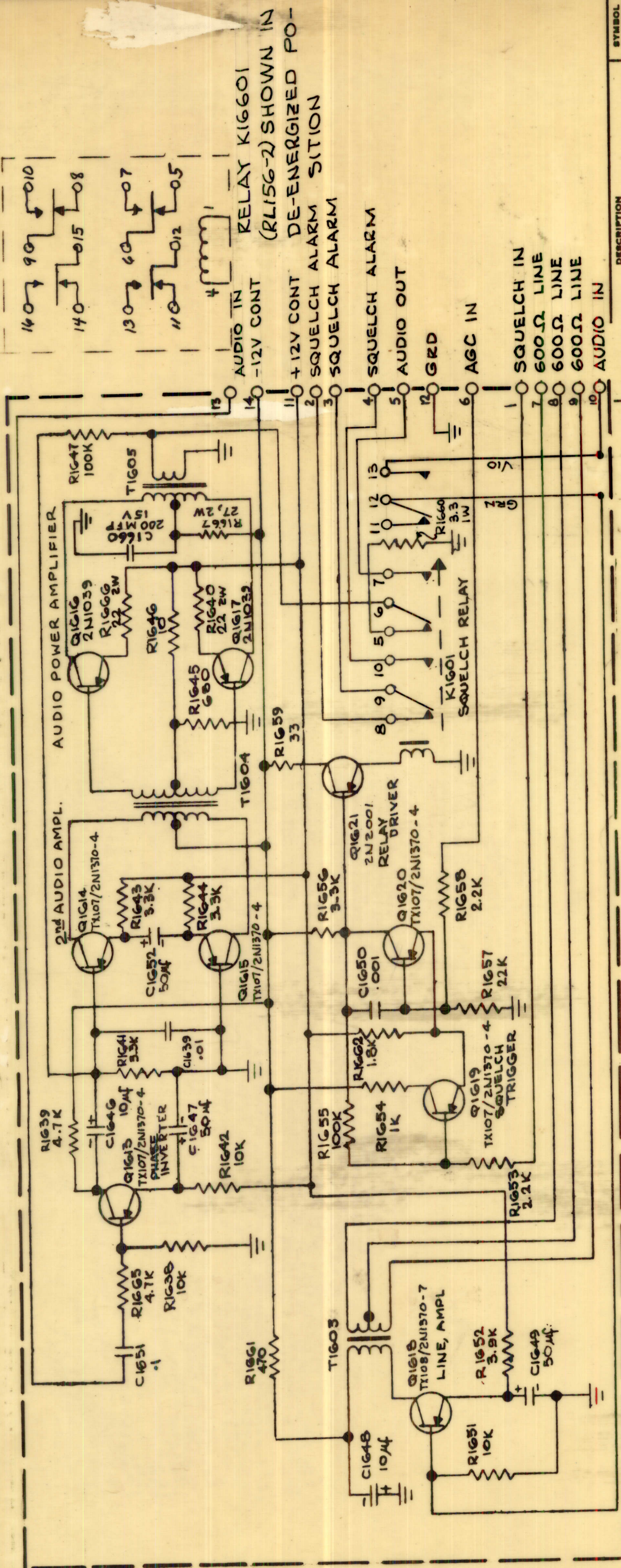
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REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
			LIST OF MATERIAL	4012-7A
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			TITLE RCWA-1 INTERCONNECTIONS DIAGRAM	
			DRAWN M. TANTILLO	DATE 8-12-64
			CHECKED JCS	DATE 12-3-65
			ELECT. DES. CK91A	DATE 12/1/65
			MECH. DES.	DATE
			M/L	DATE 12/3
				REV. LTR. Ø

REVISIONS

SYM.	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXPERIMENTAL RELEASE	2-10-65		HLA		
A	IDENT INFO ADDED; MOD. USED ON UPDATE TITLE CLARIFIED; JUMPER REMOVE DELETED RCVR AUDIO BOARD NOTE DELETED	10/19/66	17057	HFW		

CK917 A



DATE	DATE	DATE	DATE
2-10-65	2-10-65	9/28/65	12/10/65

DATE	DATE	DATE	DATE
2-10-65	2-10-65	9/28/65	12/10/65

DATE	DATE	DATE	DATE
2-10-65	2-10-65	9/28/65	12/10/65

DATE	DATE	DATE	DATE
2-10-65	2-10-65	9/28/65	12/10/65

CK917 A

17/3

12/10/65

9/28/65

2-10-65

DESCRIPTION	SYMBOL
LIST OF MATERIAL	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
TITLE SCHEMATIC DIAGRAM AUDIO BOARD - A3190	
DRAWN HLA	DATE 2-10-65
CHECKED J.L.	DATE 9/28/65
ELECT. DES.	DATE
MECH. DES.	DATE
SHEET	REV. LTR. A
CURRENCY NO. 1404	

NOTES

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

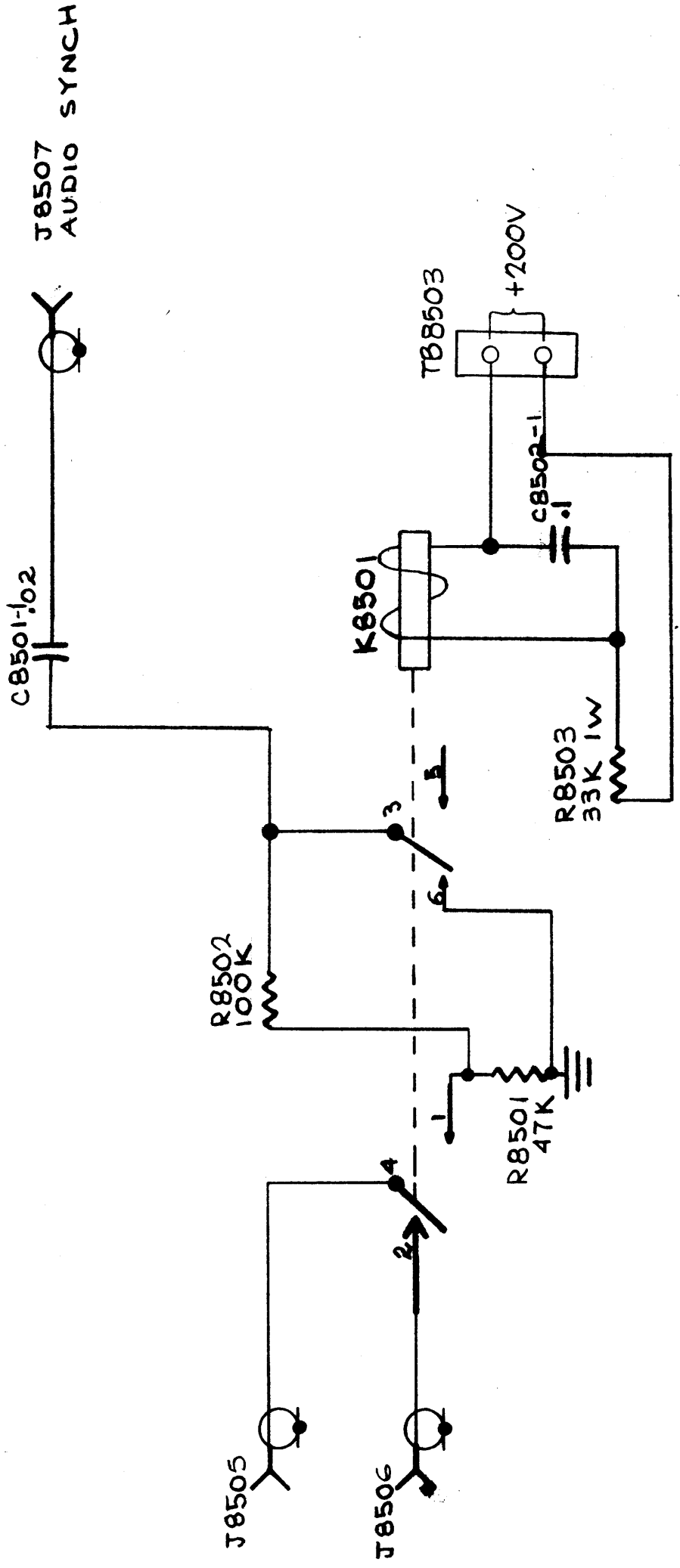
DECIMALS
.X ± .05
.XX ± .01
.XXX ± .005

FRACTIONS
± 1/64
ANGLES
± 0° 30'

CK934 A

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X1	R8505, R8506 & R8507 WERE R8501, R8502 & R8503 ORIGINAL RELEASE FOR PRODUCTION	9/14/65	AA			
A	J8505 WAS J8503, J8506 WAS J8504, J8507 WAS J8505 R8502 WAS R8505, R8501 WAS R8506, R8503 WAS R8507 TB 8503 WAS TB8501, C8501 & C8502 (ADDED)	7-2-66	15706	M/A		



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
	STURMER		LIST OF MATERIAL	
MATERIAL				
FINISH				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES				
DECIMALS				
.X ± .05				
.XX ± .01				
.XXX ± .005				
FRACTIONS				
± 1/64				
ANGLES				
± 0° 30'				
TOLERANCES				
± 0° 30'				

Q'TY./UNIT	MODEL USED ON	ASBY. NO.
	RAK-22B	
	RAK-96-2	
	RAK 55	

REV.	DATE	BY	CHKD	APPD
1	12-3-65	TM		
2	12-3-65	PS		
3				
4				
5				
6				
7				
8				
9				
10				

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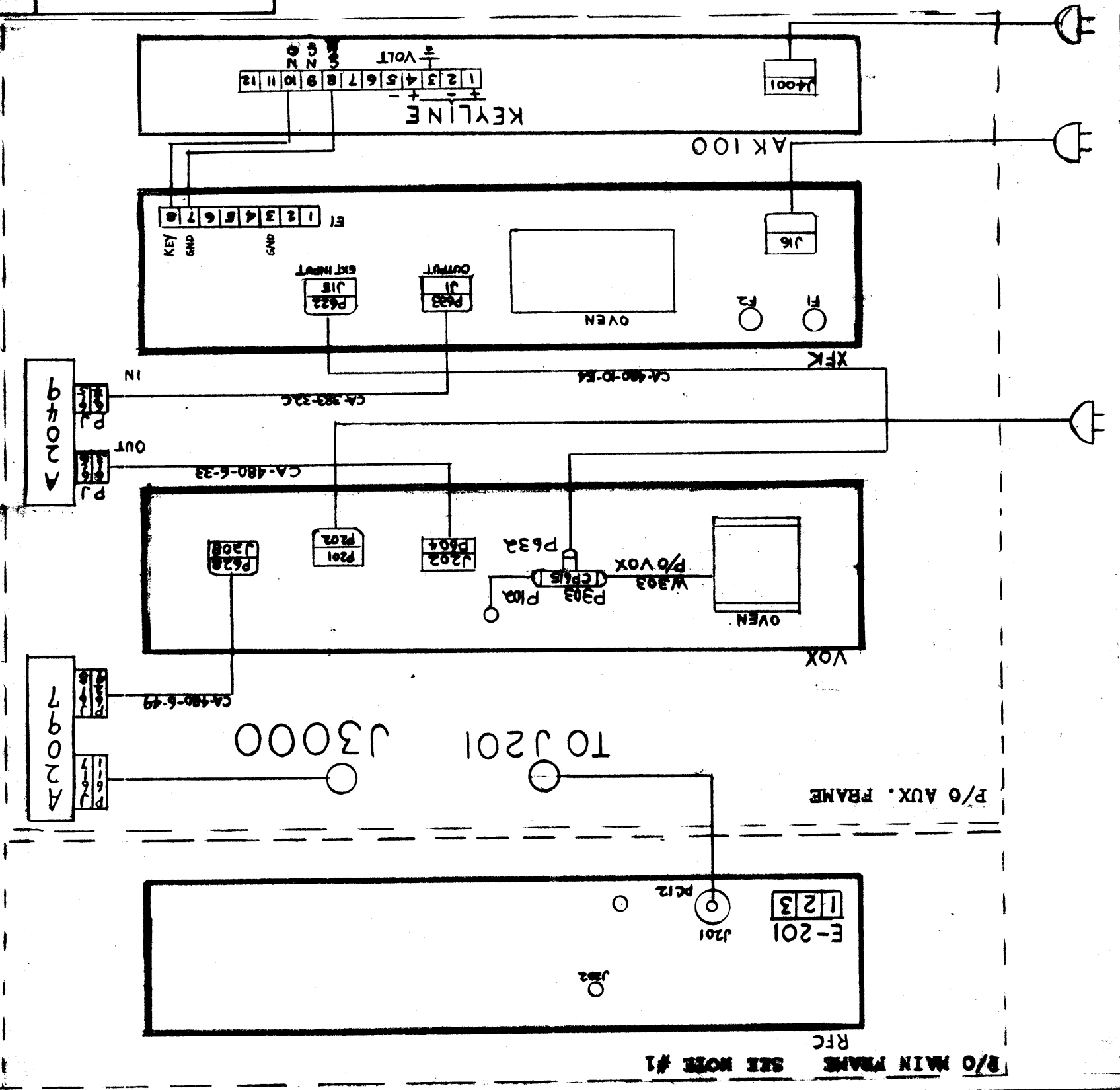
REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	12/18/65				

CK 935

NOTE# 1

ALDC MODIFICATION
 Jumper pins 1 & 2 on Terminal strip
 E-201 for ALDC action on IPA stages.



R/O MAIN FRAME SEE NOTE #1

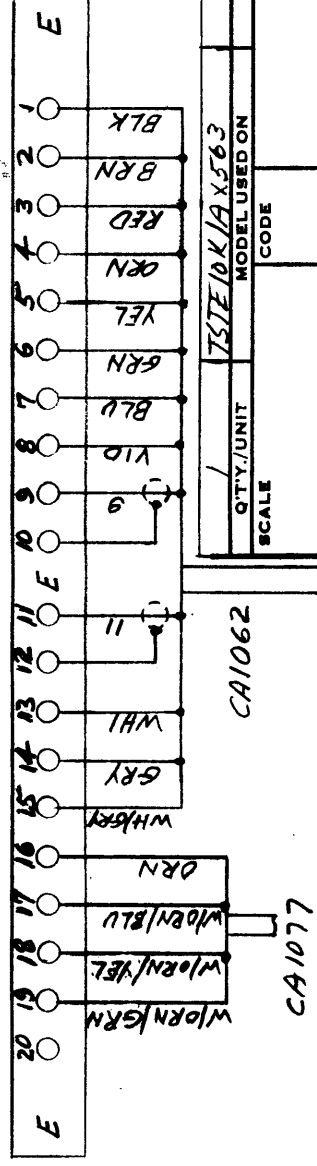
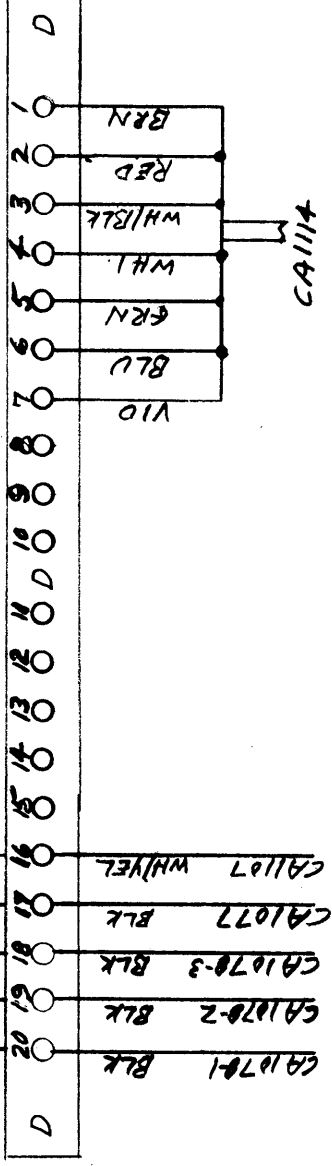
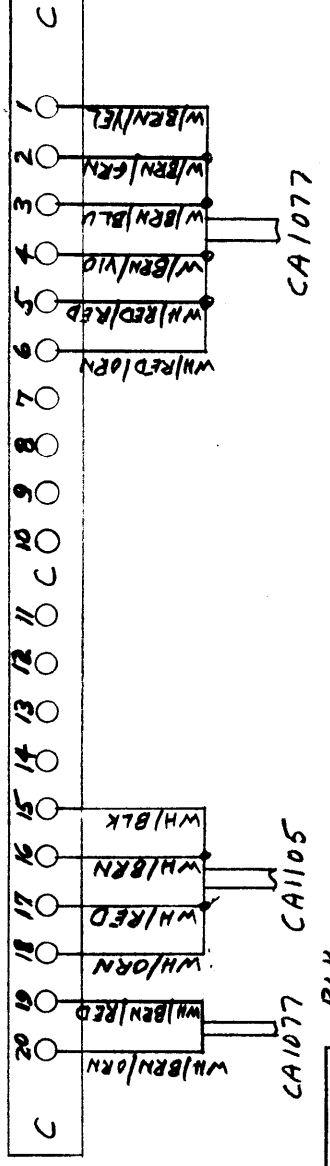
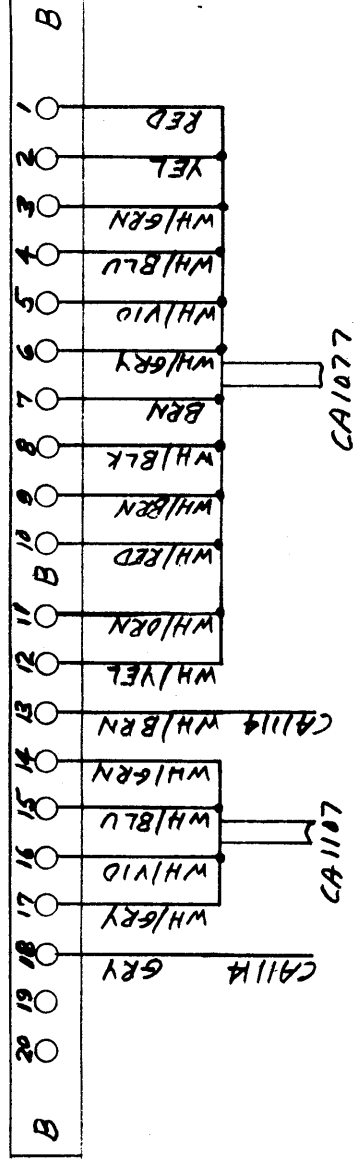
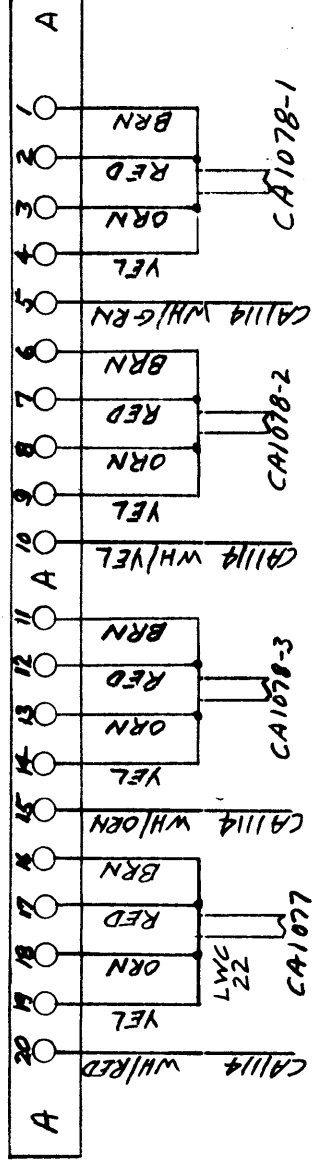
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
			LIST OF MATERIAL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			TITLE	
			INTERCONNECT, MOD. GPT-10KG	
			DRAWN	DATE
			JWG	3-12-65
			CHECKED	DATE
			QCB	12-3-65
			ELECT. DES.	DATE
			CK935	
			MECH. DES.	DATE
			M/L	12/3
			SHEET	REV. LTR.

QTY./UNIT	GPT-10KG	ASSY. NO.
SCALE	MODEL USED ON	
	CODE	

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NOTES

TB4004 (TYP)



NOTES

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REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X1	F-18 was WH/BRN/GRN, F-19 was WH/GRN/YEL	4/26/65		BM		
Ø	ORIGINAL RELEASE FOR PRODUCTION	9/17/66		C.V		

CK 944

LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: WIRING DIAGRAM
DC INPUT TB4004

DRAWN	CHECKED	ELECT. DES.	MECH. DES.	DATE	DATE	DATE
BM	BM	BM	BM	7/24/65	7/22/65	5/17/66

FINAL APPROVAL: [Signature]

DATE: 5/17/66

CK 944

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

FRACTIONAL PARTS: 1/84 ANGLES ± 0° 30'

TOLERANCES: .XX ± .01 .XXX ± .005

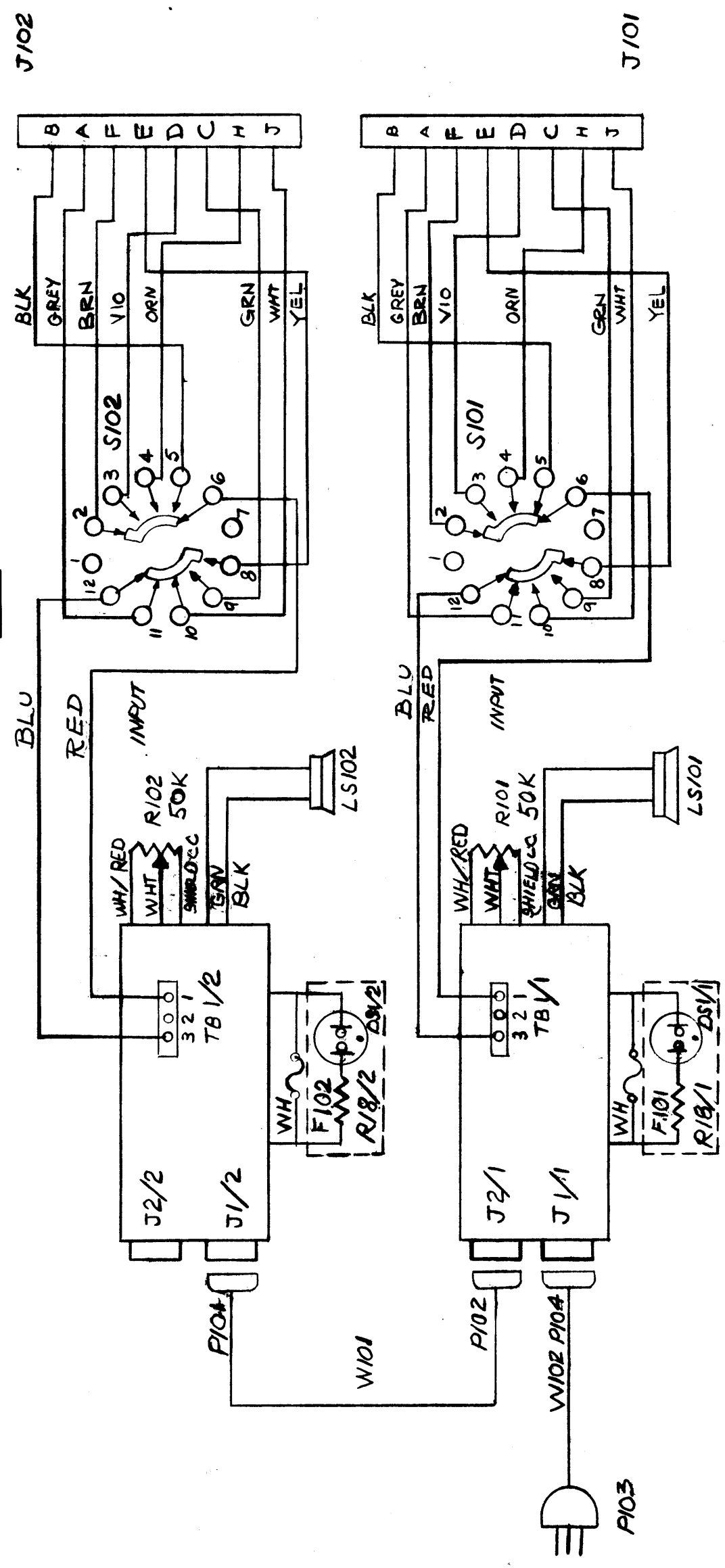
REPRODUCTION NO. 450H

SYN	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	4-21-65	M	CL	JL	M
A	R101 & R102: VAL. WAS 25K. W & P SYM CHGD	5-10-65	14068			
B	LEAD COLORS ON TB1/2, TB1/1 REVERSED PIN #5 J101, J102 CLARIFIED S.W. NOTE CLARIFIED (B2 WAS A.1)	5/25/65	14356	HQ	HQ	MM
C	ON J101 & J102 WIRE COLORS CHGD.	2-7-66	15722	NLA	QPS	MM

CK962

FUSES F101 & F102
 .1 AMP FOR 115V OPERATION
 .062 AMP FOR 230V OPERATION

AUDIO AMPLIFIERS (SEE NOTE)



NOTE:
 FOR SCHEMATIC DIAGRAM OF
 AUDIO AMPLIFIERS (TMC NO. AZ102)
 SEE CK 751
 W101 USED ONLY WHEN THIS
 UNIT IS SHIPPED ALONE.

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
HAY			LIST OF MATERIAL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			DIAGRAM, SCHEMATIC	

QTY./UNIT	MODEL USED ON	ASBY. NO.
SCALE	BSP-GB	
	CODE	
	A	

DATE	FINAL APPROV.	DATE	DATE	DATE	DATE
4-21-65	MM	4-21-65	4/24/65	4/24/65	4/24/65

UNLESS OTHERWISE SPECIFIED	FRACT. IN
DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	± 1/64
TOLERANCES	ANGLES ± 0° 30'
DECIMALS	± 0° 30'
.X ± .08	
.XX ± .01	
.XXX ± .005	

NOTES

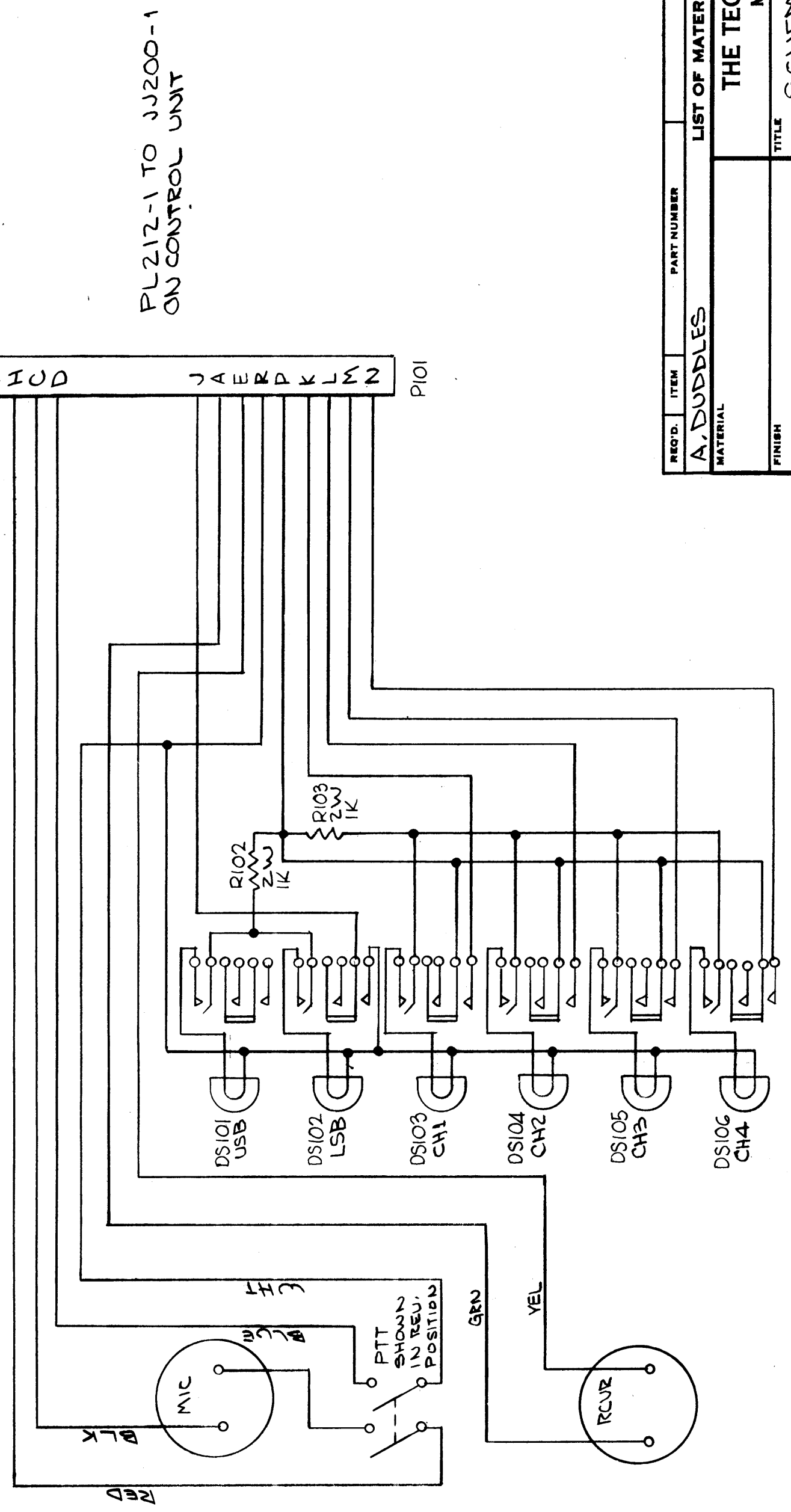
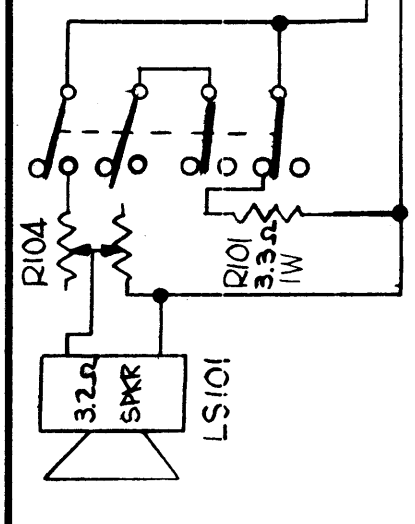
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CR963 A

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X1	NOM. DS101-DS106, R101-R104 P101 P101 LS101 ADDED. ON P101 PINS A & E REVERSED. ON R102, R103, 1K WAS 300Ω ORIGINAL RELEASE FOR PRODUCTION	1/10/66	M	JC		
Ø		4-3-67	Ø	CV		
A	CRADLE SWITCH CLARIFIED	5-12-67	18213	L.A.K.		TRH

REVISIONS	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD

CRADLE SWITCH SHOWN WITH
HANDSET OFF HOOK



PL212-1 TO JJ200-1
ON CONTROL UNIT

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
	A. DUDDLES		LIST OF MATERIAL	
			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
			TITLE SCHEMATIC, DIAGRAM TELEPHONE REMOTE CONTROL TPC-1	
			DRAWN EANZA	DATE 9-21-65
			CHECKED J.L.	DATE 9/28/65
			ELECT. DES.	DATE
			MECH. DES.	DATE
			REV. LTR.	REV. LTR.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FRACTIONAL ± 1/64 ANGLES ± 0.30°
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES

QTY./UNIT	MODEL USED ON	ASSY. NO.
	TPC-1	

SCALE

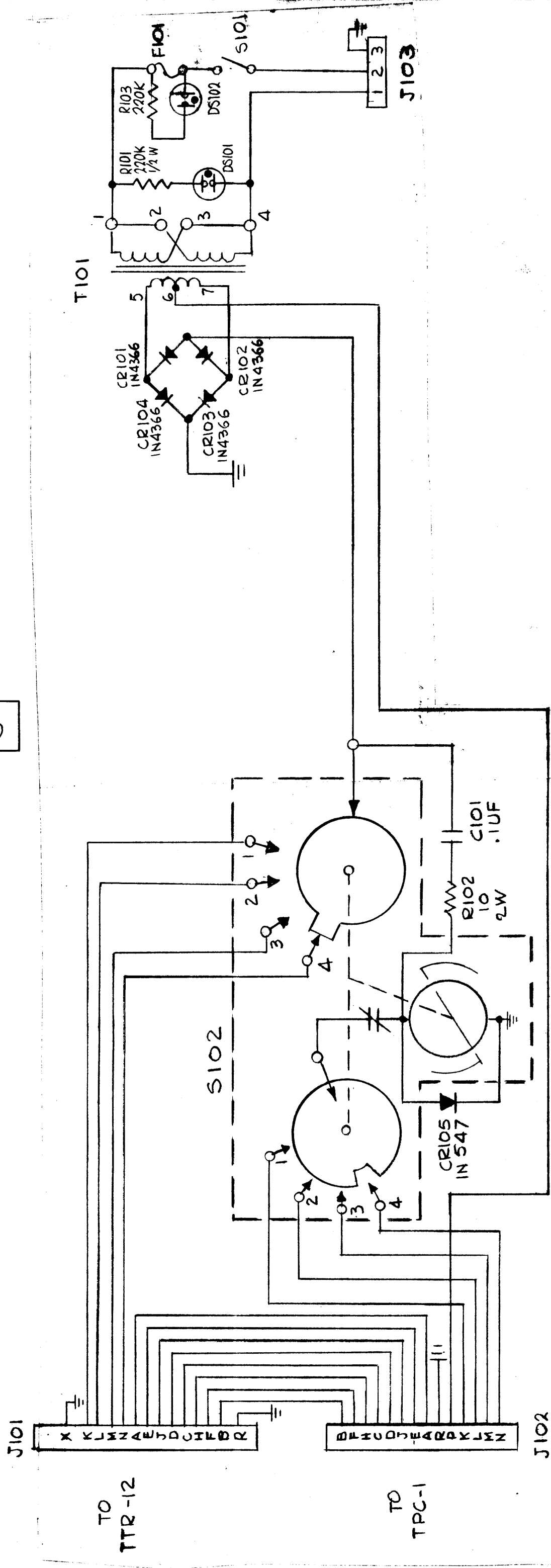
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NOTES

REVISIONS

SYM	DE CRPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
XI	PICTORIAL CLARIFIED	12-3-65	K.	G.D.L.		
Ø	ORIGINAL RELEASE FOR PRODUCTION					
A	PIN A & B CON. DELETED, NO. 5, 7, R101, R103, DS102 ADDED	1-26-66	15656			
B	J101 & J102 REVERSED, SYM CHART UPDATED	2-9-66	15718			
	PIN X & R ADDED, CONN. FROM J101 TO T101 DELETED					

CK964 B



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
	A. DUDDLES		LIST OF MATERIAL	
	MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	FINISH		TITLE DIAGRAM SCHEMATIC REMOTE CONTROL UNIT	
			DRAWN: ENZA DATE: 9/28/65	
			CHECKED: J.L. DATE: 9/28/65	
			ELECT. DES. DATE: 9/28/65	
			MECH. DES. DATE: 9/28/65	
			M/L: L.J. DATE: 12/19	
			SHEET: CK964 - B	
			REV. LTR.	

QTY./UNIT	MODEL USED ON	ASSY. NO.
1	TPCK-1	
SCALE	CODE	

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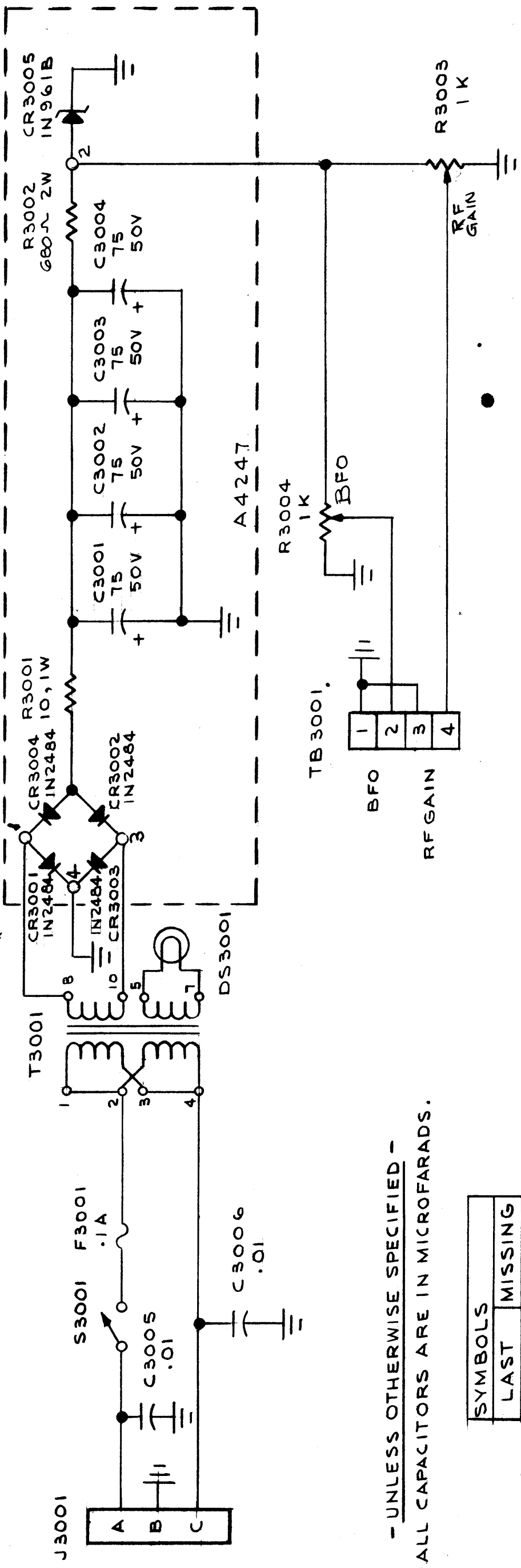
NOTES

~LAST SYMBOLS~
 C101
 CR105
 J103
 F101
 DS102
 S102
 R103

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	5/19/65				
A	R3002, 3, 4, FRWAS 2.2K, 50K, 50K	6/10/65	14164			
B	TERM. NOS. 1, 2, 3, 4 WERE 4, 3, 2, 1	10/6/65	15026			

CR 170 X



- UNLESS OTHERWISE SPECIFIED -
 1- ALL CAPACITORS ARE IN MICROFARADS.

SYMBOLS	LAST	MISSING
J3001		
S3001		
F3001		
R3004		
C3006		
CR3005		
T3001		
TB3001		
DS3001		

NOTES

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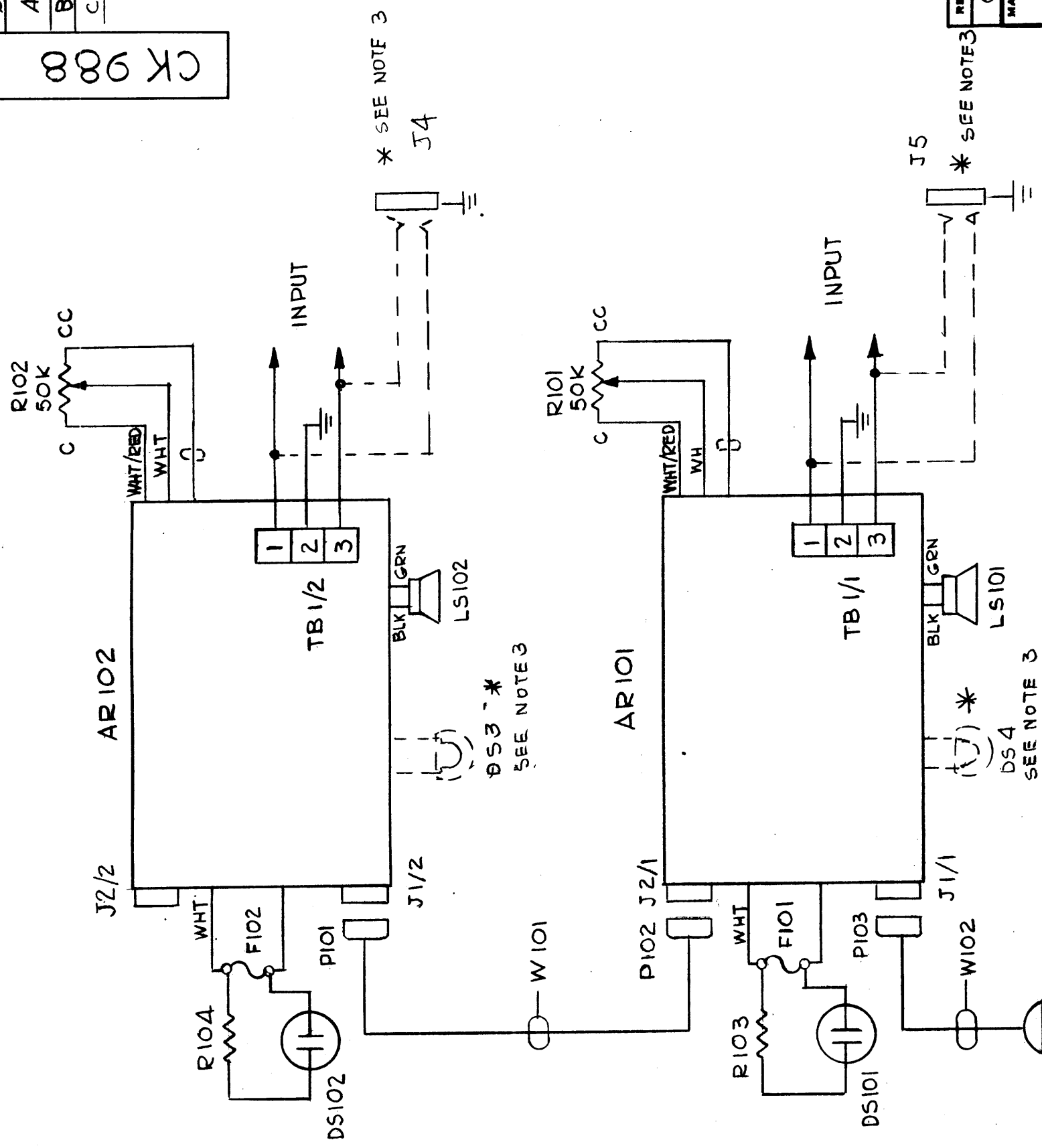
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
	POSE		LIST OF MATERIAL	
	MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	FINISH		DIAGRAM, SCHEMATIC (REMOTE GAIN CONTROL)	

UNLESS OTHERWISE SPECIFIED	DATE	FINAL APPROVAL
DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	5/14/65	J. LESKINSKI
DECIMALS	5/18/65	J. LESKINSKI
.X ± .05	5-19-65	J. LESKINSKI
.XX ± .01		
.XXX ± .005		

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	7-1-65	M	JC		
A	F101 & F102 WERE 1/10A FOR 115VAC & 1/16A FOR 230VAC.	1/27/66	15643	JL	JL	MMT
B	ON F101, 102 : : 1A WAS .062A .062A WAS .932A	3-16-66	15964	JL	JL	
C	ADD - NOTE 3	10-29-85	22112	GDL	GDL	ØB

CK 988



NOTE:

1. FOR SCHEMATIC DIAGRAM OF AUDIO AMPLIFIERS (TMC No. AZ 102) SEE CK 751
2. FUSE F101 AND F102 ARE .1A FOR 115VAC OPERATION. 062 A FOR 230V AC.
- * 3 ADDED TO UNIT (J4, J5, DS3 & DS4) IN MODEL BSP-2D(S), BSP-1D(S)

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
Ø	Ø	Ø	Ø	Ø

LIST OF MATERIAL		THE TECHNICAL MATERIEL CORP.	
O. POSE		MAMARONECK, NEW YORK	
MATERIAL		SCHEMATIC DIAGRAM	
FINISH		TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DATE 6-30-65	DATE 7/1/65	DATE 7/1/65
DIGITALS	FRAC'TI NS	ELECT. DES.	MECH. DES.
.X ± .05	± 1/64	JL	
.XX ± .01	ANGLES		
.XXX ± .005	± 0° 30'		
TOLERANCES	DATE 7-1-65	DATE 7-1-65	DATE 7-1-65
	CK 988		
	SHEET		REV. LTR.

QTY./UNIT	MODEL USED ON	ASSY. NO.
1	BSP-2D	

AUDIO AMPLIFIERS (SEE NOTE 1)

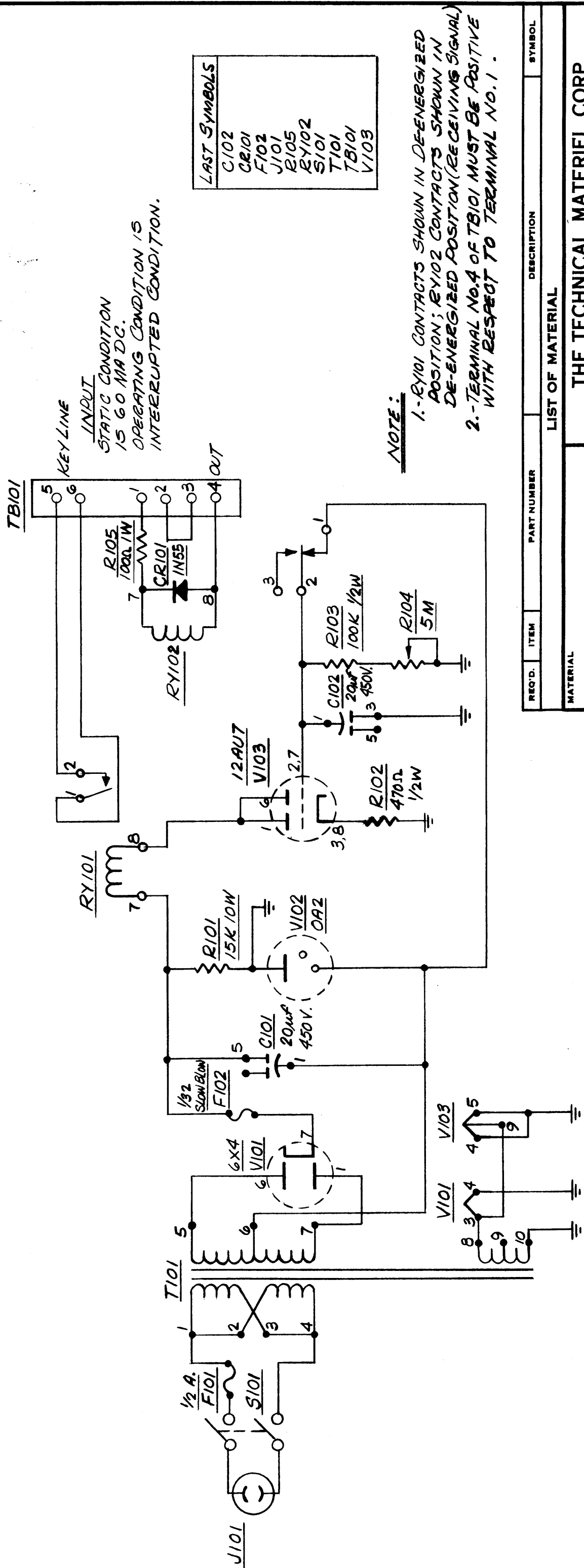
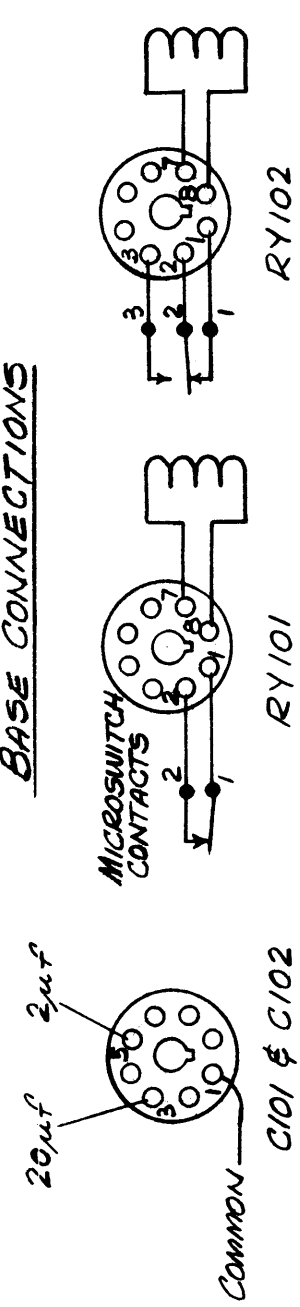
NOTES

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REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIG. RELEASE FOR PROD.	3/21/69		RG		

BASE CONNECTIONS



LAST SYMBOLS
C102
CR101
F102
J101
R105
RY102
S101
T101
TB101
V103

NOTE:
 1.-RY101 CONTACTS SHOWN IN DE-ENERGIZED POSITION; RY102 CONTACTS SHOWN IN DE-ENERGIZED POSITION (RECEIVING SIGNAL)
 2.-TERMINAL NO.4 OF TB101 MUST BE POSITIVE WITH RESPECT TO TERMINAL NO.1.

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
LIST OF MATERIAL				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
TITLE SIGNAL CONTROL UNIT SCU-3				
DRAWN A. Austin		DATE 5/24/65	FINAL APPROV. SK	DATE 3/28/69
CHECKED JPS		DATE 5/24/65		
ELECT. DES.		DATE		
MECH. DES.		DATE		

QTY./UNIT	MODEL USED ON	ASBY. NO.
SCALE	CODE	
SPECIAL TTR-10		

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES AND INCLUDE
 CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS
 .X ± .05
 .XX ± .01
 .XXX ± .005

FRACTIONAL MS
 ± 1/64
 ANGLES
 ± 0° 30'

TOLERANCES

NOTES

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