11 Schematic Diagrams

11-1 Cautions

- 1. The areas marked with a \land , \land or \diamondsuit on the schematic diagram designate components which have special characteristics important for safety. Replace these parts only with parts identical to those in the original circuit and those specified in the parts list. Before replacing any of these components, carefully read the "Product Safety Notice."
- 2. Areas marked with a 🚱 on the schematic diagram designate controls which have been sealed for safety during manufacturing. If these controls need adjustment, they must be replaced with new controls and then sealed after their adjustment.
- 3. When taking measurements, pay special attention to the following:

1) Do not use your instrument between primary ground (symbol \checkmark) and secondary circuit.

2) Do not use your instrument between secondary ground (symbol *******) and primary circuit.

11-2 Notes

- 1. Resistance is shown in OHM. K = 1,000, M = 1,000,000 and the rated power of resistors not noted in the schematic diagram is 1/4W.
- 2. Capacitance is shown in μ F. Capacitances not otherwise noted are shown in pF (1 μ F = 1,000,000 pF). Rated voltage of condensers not otherwise noted in the schematic diagram is 50 V.

11-3 Abbreviations and Symbols

MO	R-Metal Oxide	WW	R-Wire Wound
FU	Fusible	С	R -Composition
СМ	R-Cement	MPP	Metal Polypropylene
MP	C-Metalized Polyester	Т	C-Tantalum
Р	C-Polyester		Can emit X-radiation
$\dot{}$	Hot Ground	,,,,	Cold Ground
A	Electrostatically Sensitive Device (ESD)	\triangle	Provides special safety considerations

2. This schematic diagram is subject to change without notice.

11-4 Main Schematic Diagram



CKB5237L/7227L

1 14 V (T601, #1), 110V		
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<b>21</b> 148 V (Q5	04, Drain)
n	- P-1
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	J ' L., ' L.
CH I P-P = 148 V	CH1 RIVIS = 68.4 V



2	2 DC V (IC602, #3)								
F									-
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٦			÷						1
CI	-11 F	P-P =	DC \	/	Cł	H1 R	MS	= D	C١







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182	 -	1	 	





23 848 V (Q5	i03, Collector)
A.	A A
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8	
CH1 P-P = 848 V	CH1 RMS = 305.2 V

Collector)	<b>24</b> 1.0
<u>A</u>	
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16 76 V (L402_7, F)

85,1	man	mm	inches		mid.	
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<b>4</b> 3.68 V (C612, –), 110V	]
Α Α Α	
CH1 P-P = 3.68 V CH1 RMS = 840 mV	





se)		25 2	2.4	V ((
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DC V (T601, #2), 220V					
H1 P-P = DC V	CH1 RMS = DC V				





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CH1	P-P =	= 46	.0 V	(	 CH1	RM	S =	6.3	8 V

CH1 P-P = 2.56 V CH1 RMS = 820 mV

2 DC V (IC602, #3), 220V

CH1 P-P = DC V CH1 RMS = DC V

10 2.56 V (IC302, #12)

	9	W		V
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CH	1 P-P = 1	1.16 V	CH1	RM

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<b>27</b> 332 V (R50	02_7)
CH1 P-P = 332 V	CH1 RMS = 138.0

CH1 P-P = 444 V CH1 RMS = 354.2 V 11 124.8 V (T401, #1)





#### 11 Schematic Diagrams

















### 11-5 Video Schematic Diagram



CKB5237L/7227L

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Н	H1 P-P	= 5.	04 V	(	CH1	RM	S = 4	1.95	21

3 4.96 V (Q1	02, Collector)
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### 11 Schematic Diagrams

## 11-6 CRT Schematic Diagram (CKB5237L)







11 Schematic Diagrams

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