WELLS-GARDNER
ELECTRONICS CORPORATION

MODEL 13K7201

ISO 9001
certificate № 941111

REPLACEMENT PARTS LIST

Main, Neck & Control PCB Assembly Parts List

DIODES		
DESIGNATION	DESCRIPTION	PART NO.
D18	DIODE (DG 3) BY228 1.5KV	066X0151-001
D101	DIODE FUF5407 3A	066X0152-001
D101A	DIODE MUR460 4A 600V	066X0126-005
BD001	BRIDGE RECT KBJ406G 4A 600V	066X0153-001

INTEGRATED CIRCUITS		
DESIGNATION	DESCRIPTION	PART NO.
U001	IC PWM UC3842AN	086X0257-001
IC1	IC LM1203N RGB VIDAMP	086X0270-001
IC2	IC LA7823 SANYO	086X0187-001
IC3	IC LA7833	086X0322-001

TRANSFORMERS		
DESIGNATION	DESCRIPTION	PART NO.
T1	FLYBACK TRFMR K7200 13/19"	053X0641-001
T3	TRFMR EI-40	053X0648-001

TRANSISTORS		
DESIGNATION	DESCRIPTION	PART NO.
Q002	TRSTR 2SK1507 FET	086X0356-001
Q10	TRSTR TOSH. NPN 2SC2482	086X0185-001
Q11	TRSTR SANYO 2SD1398	086X0190-001
Q201, Q202, Q203	TRSTR SANYO 2SC3782D NPN	086X0287-001

VARIABLE POTENTIOMETERS		
DESIGNATION	DESCRIPTION	PART NO.
VR101	TRIM POT 10K OHM .15W	040X0711-009
VR102	TRIM POT 2K OHM .15W	040X0711-006
VR103	TRIM POT 30K OHM .15W	040X0711-011
VR104	TRIM POT 200 OHM .15W	040X0711-002
VR105	TRIM POT 500K OHM .15W	040X0711-016
VR106	TRIM POT 500 OHM .15W	040X0711-004

MISCELLANEOUS		
DESIGNATION	DESCRIPTION	PART NO.
F001	FUSE 3.15A 5 X 20 IEC/UL SLO-BLO	016X0211-009
CRT	CRT, 13 INCH	088X0236-001
R012	RES .33 OHM 5% 2W	420X5339-323

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P757
025A1443-001

P759
025A1445-001

088X0236-001

FRONT CONTROL BOARD
P758
025A1444-001

NOTES:

1. ALL RESSISTORS ARE IN OHMS, 1/6W, 5% UNLESS OTHERWISE INDICATED.
2. CAPACITANCE VALUES LESS THAN 1 ARE IN MICROFARADS. ABOVE 1 IN PICOFARADS UNLESS OTHERWISE INDICATED.
3. CIRCLED NUMBERS INDICATE LOCATIONS OF CERTAIN WAVEFORM READINGS.

⚠ CAUTION SAFETY CRITICAL COMPONENT.

★ X-RAY RADIATION RELATED COMPONENT. REPLACE ONLY WITH SAME TYPE PARTS AS SHOWN IN PARTS LIST.

RESTRICTED CONFIDENTIAL DOCUMENT

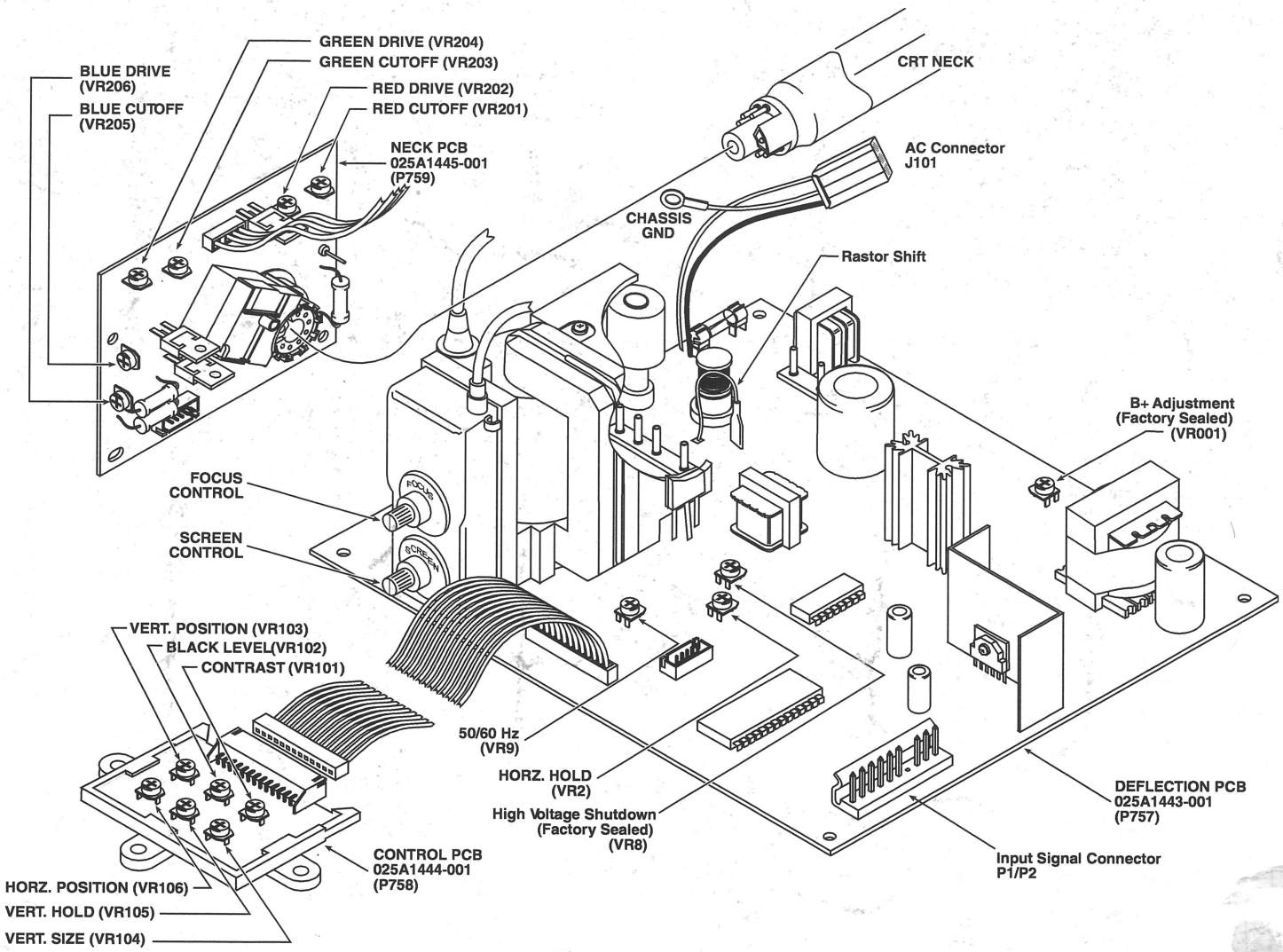
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AC INPUT CONNECTOR: J101

Molex type 19-09-2039
Mating Molex type 19-09-1039

Pin	Description
1	AC hot
2	Earth ground
3	AC neutral

INPUT SIGNAL CONNECTOR: P1/P2

JST type B10P-VR
Mating Molex type 09-50-7101

PC Connector Pin	Description	Mating Connector Pin
1	Red	10
2	Green	9
3	Blue	8
4	Gnd	7
5	+ Vertical Sync	6
6	+ Horizontal Sync	5
7	Key	4
8	Gnd	3
9	- Vertical Sync	2
10	- Horizontal Sync	1