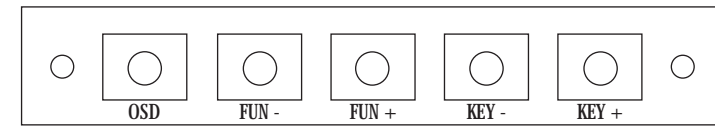


OSD (On screen display menu) CONTROLS & ADJUSTMENTS:

There are five switches on the control panel with Key Function:

- ① OSD/EXIT OSD—Call the Main-Menu OSD
- ② FUN - /FUN + When the Main-Menu is displayed, you can *select* each function using these keys.
- ③ KEY - /KEY + When the Sub-Menu is displayed, you can *change* the amplitude of the selected function of the screen using these keys.

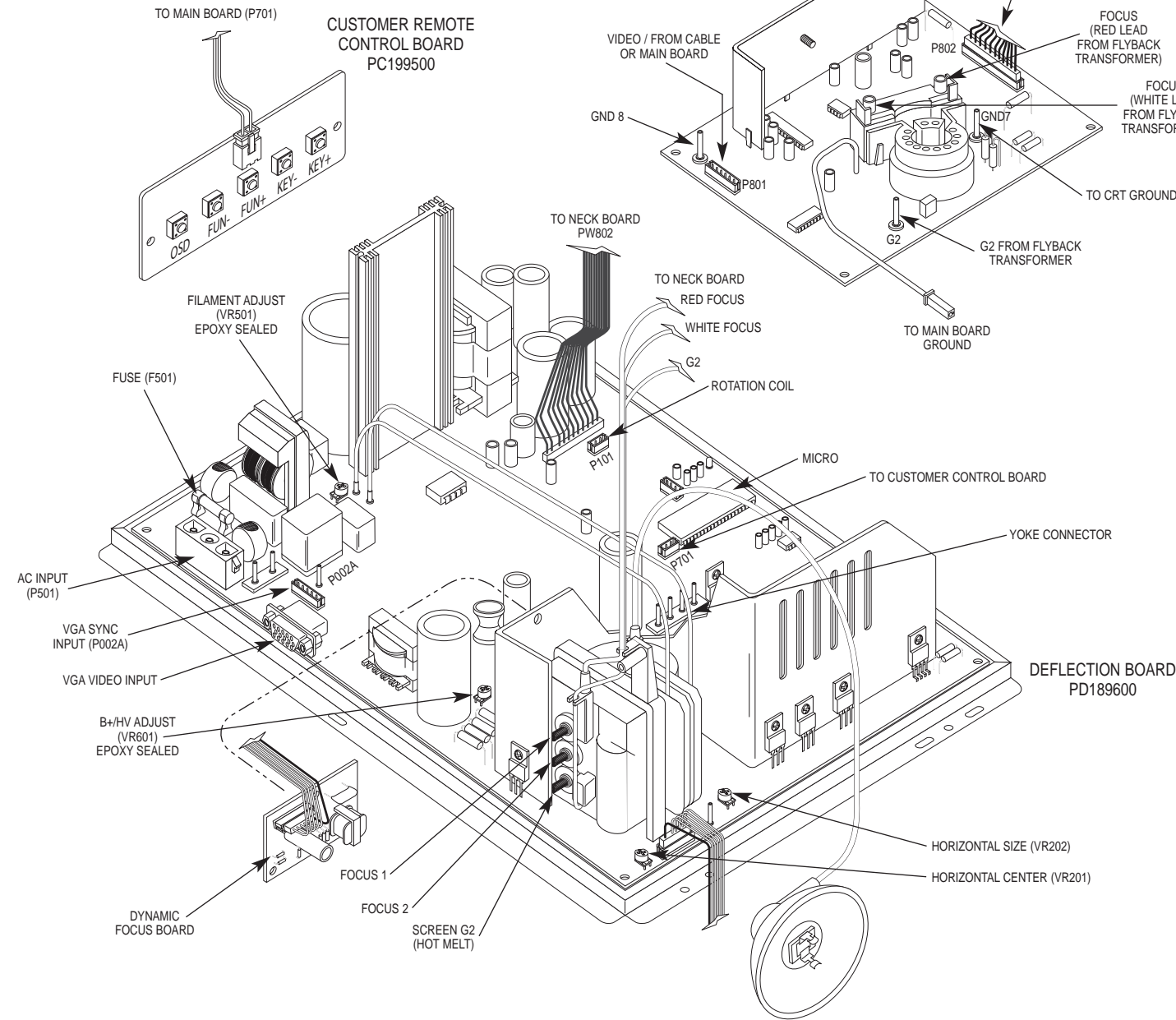


Location	Adjustment Method	Function
Customer Control PCB	OSD Control	Brightness Contrast H. Position V. Position H. Size V. Size Side Pincushion Trapezoid Pin Balance Parallelogram OSD Time Degauss RGB Screen Color
Main PCB Factory Adjusted	Control: VR501, VR601, VR201, VR202, and FBT	Fil, B+ Adjust, H-CEN, H-SIZE, Focus and Screen

BRIGHTNESS ADJUSTMENT:

- 1) Press the "OSD" key—the Main-Menu OSD will come up as pictured above
- 2) Search "BRIGHTNESS" sub-menu using "FUN -" or "FUN +" key on the Main-Menu OSD.
- 3) The "BRIGHTNESS" OSD color changes from blue to red.
- 4) Adjust Brightness as much as you want using "KEY -" or "KEY +".
- 5) After finishing the Brightness adjust, press the "OSD" key. The "OSD" will disappear. The new Brightness value will be saved automatically.
- 6) If you want to adjust other functions (sub-menu), search the function using "FUN -" or "FUN +", and then repeat the same procedures of steps 2–5.
- 7) Press the "OSD" key again to finish adjustments and the OSD will disappear. If no action is taken in the OSD, the menu will disappear by itself.

Note: When the "RECALL" key is pressed, all user's adjustment values are changed to the factory values.

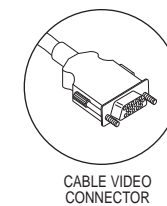


AC INPUT CONNECTOR: P501
 AMP 350760-4
 Mating AMP type 1-480700-0

Pin	Description
1	AC hot
2	Earth ground
3	AC neutral

CABLE VIDEO CONNECTOR
 15 Pin Subminiature D-type

Pin	Description
1	Red video input
2	Green video input
3	Blue video input
4	N/C
5	Reserved (test)
6	Red video ground
7	Green video ground
8	Blue video ground
9	N/C
10	Digital/sync ground
11	Reserved (mode)
12	Reserved (SDA)
13	Horizontal sync
14	Vertical sync
15	Reserved (SCL)



REPLACEMENT PARTS LIST
Main, Neck & Control PCB Assembly Parts List

DESIGNATION	DESCRIPTION	PART NO.
T201	DRIVER XFORMER	TDR-1191R5M-02
T202	STEP-UP XFORMER	TXF-E22750U-00
T203	FBT FJX0376A	FBT-U131R2M-W9
T501	POWER XFORMER	TPW-L35421U-01
L202	DIODE MOD COIL	LCK-D6B131U-00
L203	LIN COIL	LLC-D6F7R0U-00
L205	H-CENT COIL	LCK-D455R0M-00
L501,502	CHOKE LINE 150uHY	LDC-T50151U-00
L503	CHOKE LINE 16mHY	LCC-B28160M-00

DESIGNATION	DESCRIPTION	PART NO.
C241	1UF MPP 250V	MPP-N2E105J-25
C242	0.33UF MPP 250V	MPP-N2E334J-15
C243	0.15UF MPH 250V	MPH-N2E154J-15
C248	0.39UF MPH 400V	MPH-N2G394J-20
C255	0.0062UF PPS 1.6KV	PPS-N3V62J-22
C256	0.0047UF PPS 1KV	PPS-N3A47J-15
C265	10UE EC-T 250V	CEC-52E106M-T5
C269	2.2UF MEF 100V	MEF-N2A225J-20
C310,527	2200UE EC-FC 25V	CLC-51E228M-50
C309	470UE EC-FC 35V	CLC-51V477M-50
C510	330UE EC-HS 400V	CEC-52G337M-SN
C508	0.01UE CD 1KV	CHK-U3A103M-10
C513	220UE EC-TL 25V	CLC-51E227M-T5
C524	1000UE EC-TL 16V	CLC-51C108M-T5
C525	100UE EC 160V	CLC-52C107M-T5
C526	330UE EC 100V	CLC-52A337M-T5
C528	2200UE EC 16V	CLC-51C228M-T5
C533,538	100UE EC-TL 16V	CLC-51C107M-T5
C606	220UE EC 200V	CLC-52D227M-T5

DESIGNATION	DESCRIPTION	PART NO.
Q220	2SC5387 HOR-OUT	QTR-C5387XX-00
Q231	PNP BF423	QTR-BF423XX-00
Q243	KTC4370Y DIODE MOD	QTR-C4370YX-00
Q501	SSS7N60B POWER SUPPLY	MOS-SSS7N60-00
Q603,221-223	IRF5630B HOR B PLUS	MOS-IRF630I-BK
Q507,508	NPN, HDS882P	QTR-D882PXX-00

DESIGNATION	DESCRIPTION	PART NO.
VR601	VR SEMI 1K ohm	SVR-C1B102N-B8
VR201,202,501	VR SEMI 5K ohm	SVR-C1B502N-B8

DESIGNATION	DESCRIPTION	PART NO.
IC701	MCU WT62P2	UIC-WT62P2F-02
IC702 (PD189600)	EEPROM 24LC08, CHECKSUM=90A1	086X0459-001
IC702 (PD189620)	EEPROM 24LC08, CHECKSUM=8DF2	086X0460-001
IC201	SCAN PROC	UIC-STV6889-00
IC301	VERTICAL IC	UIC-STV8172-00
IC501	KA3842	UIC-KA3842B-00
IC801	LM1269A	UIC-LM1269A-00
IC802	OSD, NEB-24v2	UIC-OSD24V2-00

DESIGNATION	DESCRIPTION	PART NO.
D247,262	1N5819	DSI-SR140XX-T5
D232	5TUZ47C	DSI-5TUZ47C-BK
D233,233A	UGP30K	DSI-UGP30KX-BK
D505	EGP20K 800V	DSI-EGP20KX-T5
D506,507	IN4936	DSI-IN4936X-T5
D511	EGP20F 300V	DSI-EGP20FX-T5
D512	EGP20I 600V	DSI-EGP20IX-T5
D513,513A	UGP30G	DSI-UGP30GX-BK
D514,D515	EGP30D 200V 3A	DSI-EGP30DX-BK
D602	EGP30G 400V	DSI-EGP30GX-BK
ZD502	ZENER 1/2W 12V	DZE-5012V0J-T5
ZD503,841	ZENER 1/2W 5.1V	DZE-5005V1J-T5

DESIGNATION	DESCRIPTION	PART NO.
R504,505	12K 3W MOF	RMO-301204J-FK
R256,531	22 ohm 1/2W CF	RCF-022201J-T5
R542	47 ohm 1W MOF	RMO-104701J-MK
R274,275,506,534,563	3.3J 1/4W FUSIBLE	RFU-043300J-T5
R514,609	0.33J 2W WW NON-IND	RWN-20R180J-MK
R615	33K 2W MOF	RMO-203304-FK
R313	1 ohm 1W MOF	RMO-101000J-MK
R254	22 ohm 2W MOF	RMO-202201J-MK
R616	1K 1/6W CF	RCF-061003J-T5

DESIGNATION	DESCRIPTION	PART NO.
F501	FUSE 3.15A, 250 VAC	FUS-SG2531U-2B
X701	CRYSTAL 12MHZ	OSC-XTL0123-BK
DB501	BRIDGE KBL06	DSI-KBL06XX-BK

