

Servicer's Menu

Item	Name	Range	Setting
096	SUB-HUE	0-15	8
097	CTI-LEVEL	0-3	3
098	R-Y/R	0-15	7
099	R-Y/B	0-15	2
100	G-Y/R	0-15	8
101	G-Y/B	0-15	11
102	LRGB2-LEVEL	0-15	3
103	GAMMA	0-15	0
104	PABL-LEVEL	0-15	6
105	BLK-BOTTOM	0-15	15
106	SUB-SHP	0-3	3
107	SHP-F0	0-3	0
108	PRE/OVER	0-3	0
109	LTI-LEVEL	0-3	1
110	DC-TRAN	0-7	0
111	D-PIC	0-3	3
NTSC IC 2102			
112	NOT USED	--	--
113	LEFT_BLK	0-63	28
114	AFC_RANGE	0-1	1
115	FH_SW	0-1	0
116	RIGHT_BLK	0-63	63
117	AFC_MODE	0-3	0
118	CLP	0-15	7
119	AFC_COMP	0-15	7
120	H_POSITION	0-63	23
121	HBLK_SW	0-1	0
122	V_ANGLE	0-63	32
123	V_BOW	0-63	32
124	H_COMP	0-15	15
125	FHADJ	0-15	8
126	H_SIZE	0-63	32
127	PIN_PHASE	0-63	32
128	UP_PIN	0-63	27
129	LO_PIN	0-63	30
130	UP_CPIN	0-63	28
131	LO_CPIN	0-63	31
132	V_PARA1_DC	0-15	0
133	V_PARA1_AMP	0-15	7
134	V_PARA2_DC	0-63	0
135	V_PARA2_PHASE	0-63	37
136	V_PARA2_AMP	0-63	0
137	V_SIZE	0-63	51
138	V_OFF	0-1	1
139	V_POSITION	0-63	35
140	ZOOM_SW	0-1	0
141	Z_CUT	0-1	0
142	V_S_CORR	0-15	0
143	V_LIN	0-15	7
144	V_FREQ	0-15	3

NTSC VIDEO PROCESSOR

NTSC DEFLECTION PROCESSOR

Item	Name	Range	Setting
145	V_COMP	0-15	4
146	UP_VLIN	0-15	7
147	LO_VLIN	0-15	6
148	V_ASPECT	0-63	47
149	V_FREE	0-1	0
150	JMP_SW	0-1	0
151	V_SCROLL	0-63	31
152	MAX_LINE	70-200	78
153	V_FRONT_BLK	0-127	7
154	BLK_SW	0-1	1
155	V_BACK_BLK	0-127	14
156	NONINTER	0-1	0
157	VTIM	0-254	22
SVGA IC 2101			
158	MAT-OUT	0-3	3
159	R-DRIVE	5-59	30
160	G-DRIVE	5-59	25
161	B-DRIVE	5-59	20
162	R-CUTOFF	0-63	10
163	G-CUTOFF	0-63	2
164	B-CUTOFF	0-63	0
165	SUB-BRIGHT	0-63	31
166	FIX-SYNC	0-3	0
167	H-WIDTH	0-3	0
168	BLK-BOTTOM	0-15	15
SVGA IC 2102			
169	NOT USED	--	--
170	LEFT_BLK	0-63	28
171	RIGHT_BLK	0-63	18
172	FH_SW	0-1	0
173	CLP	0-15	9
174	H_POSITION	0-63	32
175	V_ANGLE	0-63	32
176	V_BOW	0-63	32
177	H_COMP	0-15	7
178	FHADJ	0-15	8
179	H_SIZE	0-63	32
180	PIN_PHASE	0-63	32
181	UP_PIN	0-63	32
182	LO_PIN	0-63	16
183	UP_CPIN	0-63	27
184	LO_CPIN	0-63	34
185	V_PARA1_DC	0-15	7
186	V_PARA1_AMP	0-15	7
187	V_PARA2_DC	0-63	0
188	V_PARA2_PHASE	0-63	33
189	V_PARA2_AMP	0-63	0
190	V_SIZE	0-63	25
191	V_POSITION	0-63	35
192	V_S_CORR	0-15	4

NTSC DEFLECTION PROCESSOR

SVGA VIDEO PROCESSOR

SVGA DEFLECTION PROCESSOR

SERVICE ADJUSTMENTS

Item	Name	Range	Setting	
193	V_LIN	0-15	7	SVGA DEFLECTION PROCESSOR
194	V_FREQ	0-15	3	
195	V_COMP	0-15	2	
196	UP_VLIN	0-15	3	
197	LO_VLIN	0-15	2	
198	V_ASPECT	0-63	47	
199	V_SCROLL	0-63	31	
200	MAX_LINE	160-254	190	
201	V_FRONT_BLK	0-127	0	
202	V_BACK_BLK	0-127	23	
203	NONINTER	0-1	1	MPI OPTIONS
204	VTIM	0-254	39	
205	POLL RATE	20-169	94	
206	TIMING PULSE	186-227	207	
207	ACK MASK	0-1	0	*AUX
208	AUX STATUS	0-1	0	
209	AUTO COMPORT	0-1	1	
210	SVID ENABLE	0-1	1	

<<Table 22, CS Service Menu Listing>>

*Adjustments for control of auxiliary behavior are separated. Refer to items 030 through 033, 209, and 210.

**Adjustments for vertical and horizontal position of OSD are different in NTSC mode than they are in SVGA mode. Values shown in the CS Service Menu Listing reflect SVGA mode settings. “Ballpark” values for VERT and HORZ POS in NTSC mode are, respectively, 24 and 20. Also note that for the HORZ POS adjustment, the adjustment range in NTSC mode is 0-90.

***The adjustment range for the STRT AUX SRCE (item 30) changes according to the settings of the NTSC SCANCARD, AUTO CAMPORT, and AUTO COMPORT registers (025, 033 and 209). Setting 0 is only available if AUTO CAMPORT is turned off. Setting 3 works in the same manner as setting 0 except for AUTO COMPORT. Setting 5 is only allowed when NTSC SCANCARD is turned on.