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Service Bulletin
Computer Monitors

CSI-111

Model: CPD-15SF2 **No. 153**

Subject: DDC EDID Data Table **Date:** May 6, 1997

Symptom:

(***) If Display Data Channel (DDC) operation is to be checked using the Digital Alignment System (DAS) EDID Editor or an equivalent test program. What is the correct Extended Display ID (EDID) data for this monitor ?

Solution:

Then please use the EDID Data Table given on the following page to verify correct EDID data stored in this monitor. The DAS EDID Editor operation is described in Service Bulletin CSI-111 No. 112. EDID data is in Hexadecimal form. Hexadecimal numbers have a small “h” ending for clarity.

Use Windows 3.1 or Windows 95 Calculator Functions (or equivalent) to convert Decimal numbers to Hexadecimal and vice versa. Select the “DEC” Mode, and enter the Decimal Number. Then Select the “HEX” Mode to convert the entry to a Hexidecimal Number. Reverse the procedure to convert a Hexadecimal Number to a Decimal Number.

The following NOTES (*1 - *4) apply to the EDID Data Table.

NOTE *1: Serial Number for DDC is 4 byte of data in Hexadecimal form. LSB first.

Example: Label Serial Number: 6601234 is in Decimal Number form.

Convert Decimal Number: 6601234 to Hexadecimal Number. 0064BA12h

NOTE *2: Week of Manufacture for DDC is 1 byte of data in Hexadecimal form.

Convert Decimal Number: 1 to 53 into Hexadecimal Number 01h to 35h.

NOTE *3: Year of Manufacture for DDC is 1 byte of data in Hexadecimal form.

Year Code = AD - 1990 in Hexadecimal form.

Example: Year Code for 1995: 1995 - 1990 = 05 which converts to 05h.

NOTE *4 Checksum is 8 bit data for 1 byte of DDC data.

Use Lower 8 bit of the sum of the DDC data for preceding data Numbers 0 to 126.

Cont.

No.	Data	Label
0	00h	Header
1	FFh	
2	FFh	
3	FFh	
4	FFh	
5	FFh	
6	FFh	
7	00h	
8	4Dh	Vendor Name
9	D9h	SONY
10	00h	Product Code
11	00h	CPD-15SF2
12	*1	Serial Number
13	*1	(Note *1)
14	*1	
15	*1	
16	*2	Week (Note *2)
17	*3	Year (Note *3)
18	01h	EDID Version
19	00h	EDID Revision
20	2Eh	Video Input
21	1Dh	Max. H. Size
22	15h	Max. V. Size
23	BAh	gamma
24	68h	DPMS
25	0Dh	Color
26	C9h	
27	A0h	
28	57h	
29	47h	
30	98h	
31	27h	
32	12h	
33	48h	
34	4Ch	
35	FFh	Established Timing I
36	FEh	Established Timing II
37	00h	M Timing
38	45h	Standard Timing 1
39	59h	VESA 640x480/85
40	81h	Standard Timing 2
41	80h	VESA 800x600@85
42	01h	Standard Timing 3
43	01h	

No.	Data	Label
44	01h	Standard Timing 4
45	01h	
46	01h	Standard Timing 5
47	01h	
48	01h	Standard Timing 6
49	01h	
50	01h	Standard Timing 7
51	01h	
52	01h	Standard Timing 8
53	01h	
54	01h	Detailed Timing 1
55	01h	
56	01h	
57	01h	
58	01h	
59	01h	
60	01h	
61	01h	
62	01h	
63	01h	
64	01h	
65	01h	
66	01h	
67	01h	
68	01h	
69	01h	
70	01h	
71	01h	
72	01h	Detailed Timing 2
73	01h	
74	01h	
75	01h	
76	01h	
77	01h	
78	01h	
79	01h	
80	01h	
81	01h	
82	01h	
83	01h	
84	01h	
85	01h	
86	01h	
87	01h	
88	01h	
89	01h	

No.	Data	Label
90	01h	Detailed Timing 3
91	01h	
92	01h	
93	01h	
94	01h	
95	01h	
96	01h	
97	01h	
98	01h	
99	01h	
100	01h	
101	01h	
102	01h	
103	01h	
104	01h	
105	01h	
106	01h	
107	01h	
108	01h	Detailed Timing 4
109	01h	
110	01h	
111	01h	
112	01h	
113	01h	
114	01h	
115	01h	
116	01h	
117	01h	
118	01h	
119	01h	
120	01h	
121	01h	
122	01h	
123	01h	
124	01h	
125	01h	
126	00h	Extension Flag
127	*4	Checksum (Note *4)