SONY ®

Computer Monitors

Service Bulletin

CSI-111

Sony Service Company - Technical Services
A Division of Sony Electronics Inc.
Sony Drive, Park Ridge, New Jersey 07656

| **Model:** | CPD1430, CPD15SF1, CPD15SF2, CPD15SX1, CPD100ES, CPD100GS, CPD100SX, CPD100VS, CPD101VS, CPD120VS, CPD200ES, CPD200GS, CPD220GS, CPD200SX, CPD1730, CPD17SF1, CPD17SF2, CPD100SF, CPD200SF, CPD201VS, CPD220VS, CPD20SF2T, CPD300SFT, CPD520GS, CPDL150, GDM17SE1, GDM17SE2T, GDM200PS, GDM400PS, GDM500PS GDM1936, GDM2036S, GDM2038, GDM20SE1, GDM20SE2T, GDMF500, GDMW900, KLW7000, KLW9000 | **No.** | **34R9** |

| **Subject:** | New DAS (Digital Alignment System) Software Release Announcement. | **Date:** | October 12, 1998 |

Symptom:

(1335) Digital alignment is required for computer monitors with communication port. Digital Alignment System: DAS is needed. What are the part numbers for DAS software (SW) and hardware (HW) items required for these digital alignments ?

Solution: Please use the part numbers listed below to order the Complete DAS kit (See Illustration) and for each individual HW and SW item. The following DAS SW Table lists the DAS SW Versions required to align each computer monitor. See list for Programmable Video Signal Generators to use with DAS. The DAS Set Up illustration shows the HW set up required to align each of the monitor types.

IMPORTANT NOTES ON SW AND HW REVISIONS

- **Newly released DAS SW Versions will be announced via updates of this Service Bulletin. Please order new or existing DAS SW versions from the Sony National Parts Center.**

- **This SB includes the following SW & HW Revisions:**

- **DAS Ver. J4.5.2 replaces DAS Ver. J4.2.3
It adds new model support for the CPD-101VS, CPD-201VS, CPD-220VS, CPD-520GS, GDM-F500.**

- **DAS Ver. 5.6B replaces DAS Ver. 5.6
IT ADDS new model support for the CPD-L150, KL-W7000, KL-W9000.**

- **DAS Ver. J4.5.2 requires use of a HOST PC with 486/66Mhz or higher speed rating. This is needed for use in data Upload & Download operations.**

VIDEO SIGNAL GENERATORS

SUPPORTED BY THE DAS SYSTEM

(Refer to the following table.)

DAS 3.5	DAS 5.6	DAS J4.2.3	GENERATOR TYPES
X	X	X	Astro VG-819
X	X	X	Astro VG-819S
		X	Astro VG-823
		X	Astro VG-823DAS
X	X	X	Quantum Data QD801GF
X	X	X	Quantum Data QD801GF-ISA
X	X	X	TEAM VG-515
X	X	X	TEAM VG-516pc
X	X	X	TEAM VG-530pc

CURRENT DAS SOFTWARE VERSIONS

DAS Versions	Models Supported	Chassis Types
DAS Ver. 3.5	CPD-1430 CPD-1730	CPD
	GDM-1936 GDM-2036s	P3
	GDM-2038	P3.5
DAS Ver. 5.6B	CPD-15SX1 CPD-100SX	SX1
	CPD-200SX	200SX
	CPD-15SF1 CPD-17SF1	X1
	CPD-15SF2 CPD-100VS CPD-17SF2	X2
	GDM-17SE1 GDM-20SE1	N1
	CPD-L150	LCD (Control Video Generator)
	KL-W7000 KL-W9000	KLW (Control Video Generator)
DAS Ver. J4.5.2	CPD-100ES CPD-100SF CPD-200SF	X2R
	CPD-200ES	X2F
	CPD-100GS CPD-200GS	D1 D1H
	CPD-220GS	D1P
	CPD-120VS CPD-220VS	V2
	CPD-101VS CPD-201VS	V3
	GDM-17SE2T CPD-20SF2(T) CPD-300SFT	N2
	GDM-20SE2T	N2H
	GDM-200PS GDM-400PS GDM-500PS CPD-520GS	N3
	GDM-F500	N3P
	GDM-W900	24W1

DAS SW and HW PART NUMBERS
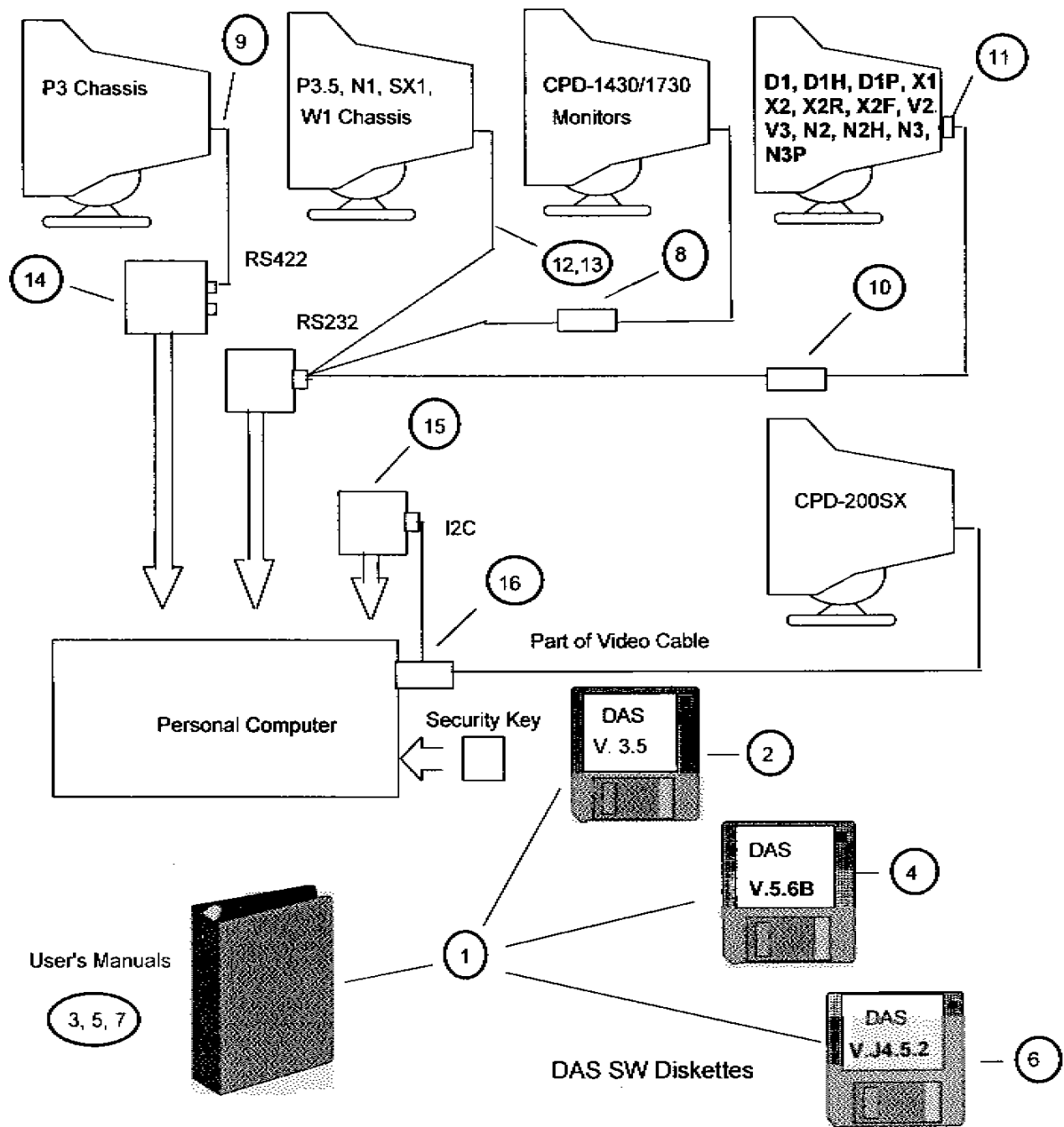
Ref	Description	Part No.
1	DAS Start Up Kit: (Includes Security Key, SW Disks, and User's Manuals: Items 2 through 7 listed below.) See Note below.	T-998-552-51
2	DAS Ver. 3.5 SW Disk; Last Release: 02/17/98	T-998-556-61
3	DAS Ver. 3.4 User's Manual; Last Release: 05/94	T-998-553-01
4	DAS Ver. 5.6B SW Disk; Last Release: 06/04/98	T-998-556-81
5	DAS Ver. 5.5 User's Manual; Last Release: 01/28/97	T-998-557-21
6	DAS Ver. J4.5.2 SW Disk; Last Release: 09/04/98	T-998-584-11
7	DAS Ver. J2.0. User's Manual; Last Release: 09/20/96	T-998-584-21
8	Communication Control Unit for the CPD1430/1730 Monitors.	3-702-589-01
9	Communication Cable for the P3 Chassis.	3-702-610-01
10	Communication Control Unit for the X1, X2, and N2-chassis.	A-1500-819-A
11	Adapter required with item 10 for the X1 Chassis (Not required for all units).	3-702-691-01
12	Communication VISCA Cable (8pin DIN to 8pin DIN) for the P3.5, N1, and SX chassis.	T-998-552-81
13	VISCA (8 Pin DIN) to RS232 (9 Pin DSUB) Adapter plus VISCA (8 Pin DIN) to RS232 (25 Pin DSUB) Adapter. Needed to use with the P3.5 Chassis Communication VISCA Cable (item 12).	T-998-552-71
14	RS232/RS422 PC Interface Board from Sealevel Systems Inc.	3-083-S-101
15	I^2C Interface Card (install in PC) used with CPD-200SX monitors.	9-980-808-01
16	I^2C Interface Cable and HD15 Connector Adapter.	9-980-809-01

NOTE ON REQUIRED HARDWARE

- **The Start Up Kit <u>Does Not</u> include HW Items 8-16. Items 8-16 are required for communication between the PC and the Monitor. These cables and adapters are Monitor chassis dependent. See the following Set Up illustrations.**

Digital Alignment System DAS Set Up

P3 Chassis ⑨

P3.5, N1, SX1, W1 Chassis

CPD-1430/1730 Monitors

D1, D1H, D1P, X1 X2, X2R, X2F, V2. V3, N2, N2H, N3, N3P ⑪

RS422

⑭

⑫,⑬ ⑧

RS232 ⑩

⑮

I2C

⑯

CPD-200SX

Part of Video Cable

Personal Computer

Security Key

DAS V. 3.5 — ②

DAS V.5.6B — ④

User's Manuals ③, ⑤, ⑦

① DAS SW Diskettes

DAS V.J4.5.2 — ⑥

NOTE: System will not operate without Security Key (P/O Start Up Kit).
Separate Diskettes are available for revision update orders only.