

SONY

Video/RGB Monitor Service Bulletin

Sony Service Company - Technical Services
A Division of Sony Corporation of America
Sony Drive, Park Ridge, New Jersey 07656

Model: SEE BELOW

No. 3

Subject: Cables and Adapters Chart For Monitors

Date: March 12, 1993

**GDM2038/GDM2036/GDM1936/CPD1704S/CPD1730/CPD1604S/CPD1430/
CPD1304S/CPD1304/CPD1302/CPD1320S/CPD1320/PVM3230/PVM2530/
PVM2030/GVM2000/GVM2020/GVM1300/GVM1311Q**

Symptom:

(**)

What cable and/or adapter is needed for operating this monitor with my computer?

Solution:

Please refer to the Attached Chart on this document, to locate the cable and/or adapter required to connect a Sony Monitor to the corresponding Video type.

Note 1:

| Symbol | Meaning |
|----------------|--|
| - | Not Compatible or Recommended |
| * | Use the Supplied or Attached Cable |
| @ | At |
| ADAPTER Number | Use the Supplied or Attached Cable with the Adapter specified. Example: "Connecting the GDM1936 to the MAC Quadra (640X480, 66 Hz) requires the Supplied cable and the TMACSTD adapter." |

Note 2: Any Non-Standard or Non listed IBM Video Modes will use the same cable as the VGA standard. However, compatibility with the non-standard or Non listed Video modes should be established. In Most Cases, compatibility is established by verifying that the Horizontal and Vertical operating frequencies of the Non-Standard or Non listed Video Modes fall in the operating range of the Monitor in question.

Note 3: Any Non-Standard or Non listed MAC Video Types will probably use the adapters as follows:

| MAC Video Type or Resolution | Adapter Needed |
|------------------------------|----------------|
| 640 X 400 @ 66 Hz | TMACSTD |
| 640 X 480 @ 60 Hz | TMACLC6VGA |
| 640 X 480 @ 66 Hz | TMACSTD |
| 800 X 600 @ 56 Hz | TMACLC6VGA |
| 832 X 624 @ 75 Hz | TQUA16 |
| 1152 X 870 @ 75 Hz | TMAC115VGA |

Note 4: TMAC and TQUA adapters are not available through KCP. Customer should get these adapters through their dealer.

(Continued)

Reference: Tech Flash 34R2



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CS1-112
Monitors

| Computer | Video Type | Monitors | | | | | CPD-1320 & CPD-1320S Cable Attached | PVM-2030 PVM-2530 | PVM-3230 | GYM-1300 GYM-1310 GYM-2000 GYM-2030 |
|--|------------------|-----------------------------------|--|-----------|-----------------------------------|---------------------------|-------------------------------------|-------------------|---------------------------|-------------------------------------|
| | | CPD-1304 (SMF-523) Cable Supplied | CPD-1730 CPD-1704S CPD-1604S CPD-1430 CPD-1404S CPD-1304S Cable Attached | CPD-1302 | CPD-1304 (SMF-523) Cable Supplied | CPD-1302 | | | | |
| IBM | CGA | - | - | - | - | CTO-512 Cable | - | SMF-500 Cable | CTO-512 Cable | |
| | EGA | - | - | - | - | CTO-512 Cable | - | - | CTO-512 Cable | |
| | VGA | - | - | - | - | SMF-523 Cable | - | - | SMF-523 Cable | |
| See Note 2 | | | | | | | | | | |
| IBM Other | | | | | | | | | | |
| MAC | 640 X 480 @ 60Hz | TMACSTD | TMACSTD | TMACSTD | TMACSTD | SMF-523 Cable & TMACSTD | - | - | SMF-523 Cable & TMACSTD | |
| Quadra 700 | 640 X 480 @ 60Hz | TMACLONGA | TMACLONGA | TMACLONGA | TMACLONGA | SMF-523 Cable & TMACLONGA | - | - | SMF-523 Cable & TMACLONGA | |
| 800, 900, 950 | 800 X 600 @ 56Hz | TMACLONGA | TMACLONGA | TMACLONGA | TMACLONGA | SMF-523 Cable & TMACLONGA | - | - | SMF-523 Cable & TMACLONGA | |
| Centric 610, 650 | 832 X 624 @ 75Hz | TQUA16 | TQUA16 | TQUA16 | TQUA16 | - | - | - | - | |
| 1152 X 870 @ 75Hz | TMAC15YGA | - | - | - | - | - | - | - | - | |
| 640 X 480 @ 60Hz | TMACSTD | TMACSTD | TMACSTD | TMACSTD | TMACSTD | SMF-523 Cable & TMACSTD | - | - | SMF-523 Cable & TMACSTD | |
| IBM, IIS | | | | | | | | | | |
| MAC | 640 X 480 @ 60Hz | TMACLONGA | TMACLONGA | TMACLONGA | TMACLONGA | SMF-523 Cable & TMACLONGA | - | - | SMF-523 Cable & TMACLONGA | |
| LC, LC II, Irv, Irvx Performa 400, 600 | 640 X 480 @ 60Hz | TMACSTD | TMACSTD | TMACSTD | TMACSTD | SMF-523 Cable & TMACSTD | - | - | SMF-523 Cable & TMACSTD | |
| MAC | 640 X 480 @ 60Hz | TMACLONGA | TMACLONGA | TMACLONGA | TMACLONGA | SMF-523 Cable & TMACLONGA | - | - | SMF-523 Cable & TMACLONGA | |
| LC III | 640 X 480 @ 60Hz | TMACSTD | TMACSTD | TMACSTD | TMACSTD | SMF-523 Cable & TMACSTD | - | - | SMF-523 Cable & TMACSTD | |
| MAC | 640 X 480 @ 60Hz | TMACLONGA | TMACLONGA | TMACLONGA | TMACLONGA | SMF-523 Cable & TMACLONGA | - | - | SMF-523 Cable & TMACLONGA | |
| LC III | 640 X 480 @ 60Hz | TMACSTD | TMACSTD | TMACSTD | TMACSTD | SMF-523 Cable & TMACSTD | - | - | SMF-523 Cable & TMACSTD | |
| MAC | 640 X 480 @ 60Hz | TMACLONGA | TMACLONGA | TMACLONGA | TMACLONGA | SMF-523 Cable & TMACLONGA | - | - | SMF-523 Cable & TMACLONGA | |
| LC III | 640 X 480 @ 60Hz | TMACSTD | TMACSTD | TMACSTD | TMACSTD | SMF-523 Cable & TMACSTD | - | - | SMF-523 Cable & TMACSTD | |
| PowerBook 160, 165c, Duo Dock, Duo Mini Dock | 640 X 480 @ 60Hz | TMACLONGA | TMACLONGA | TMACLONGA | TMACLONGA | SMF-523 Cable & TMACLONGA | - | - | SMF-523 Cable & TMACLONGA | |
| 832 X 624 @ 75Hz | TQUA16 | TQUA16 | TQUA16 | TQUA16 | TQUA16 | - | - | - | - | |
| MAC Other | | | | | | | | | | |
| See Note 3 | | | | | | | | | | |