



DATA DISPLAY MONITOR USER MANUAL

MODEL:DM-14

IMPORTANT

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient the receiving antenna

- Relocate the equipment with respect to the receiver

- Move the equipment away from the receiver

- Plug the equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:

“How to Identify and Resolve Radio-TV Interference Problems”

This booklet is available from the U.S. Government Printing Office, Washington DC 20402. Stock No. 004-000-00345-4.

GENERAL

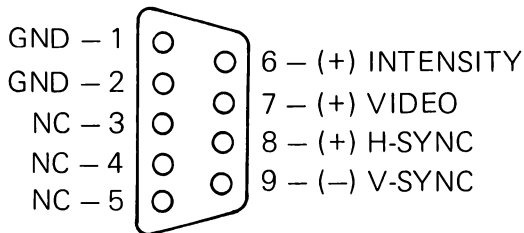
DM-14 is a high resolution monochrome monitor designed to work with IBM PC or its compatibles. It is available in amber (P134) and green (P39) display.

PRECAUTIONS

- * Please check the power source requirement indicated on the back plate of this device. Never connect the power plug to a outlet other than the specified voltage, frequency or to direct current.
- * Do not expose this device to direct sunlight, near a heating appliance or place it in a place with too much moisture or dust.
- * Keep this device in a well-ventilated place. Do not in any way obstruct the ventilation holes such as cover the device with cloth.
- * Do not open the cover of this device. It should be serviced by qualified personnel only.

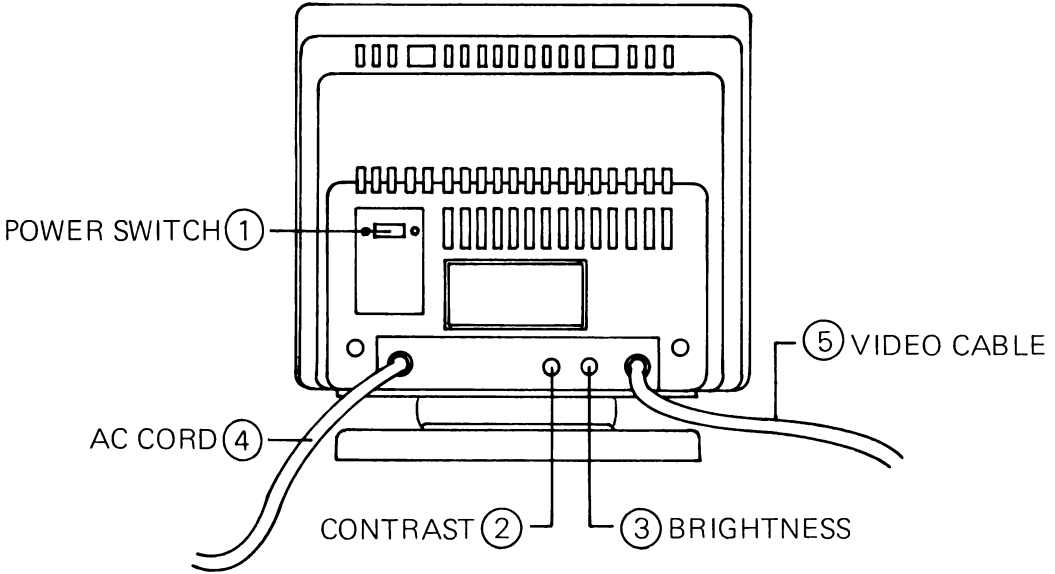
INPUT TERMINALS

A standard shielded video cable is provided with this device, please be sure your computer has the same video signal output.



CONTROLS

Controls, Switches, Connectors, etc., on Rear Panel.



OPERATION PROCEDURES

1. Connect ac cord to ac connector at the rear of IBM PC system. (For models with standard plugs, connect it to wall outlet.)
2. Connect video cable to monochrome display adaptor.
3. After switch on the computer, press the power switch to turn the monitor on.
4. After about 30 seconds a display will appear on the monitor screen provided a proper signal is applied.
5. Adjust the BRIGHTNESS and CONTRAST controls to obtain optimum display quality.

SPECIFICATIONS

- (1) Scanning Frequency:
Horizontal: 18.432 KHZ
Vertical: 47 – 63 HZ
- (2) Power source:
230 VAC ± 15% 50HZ
115 VAC ± 10% 60HZ
- (3) Input Signal:

Signals	Separated signals
Data signals	TTL level (positive)
Horizontal drive	TTL level (positive)
Vertical drive	TTL level (negative)
- (4) Resolution:
1000 lines, center
800 lines, corner
- (5) CRT:
14-in, 90 deflection angle, Non-Glare, Dark-Glass high resolution CRT P39 (Green) or P134 (Amber) Phosphor and polished faceplate is standard.
- (6) Screen size:
180mm(H) x 240mm(W)
(7.1") (9.4")
- (7) Ambient conditions:
Temperature: -5°C – 40°C
Humidity: 10% – 90%
- (8) Outside dimensions:
330mm(W) x 323mm(H) x 354mm(D)
(13") (12.7") (13.9")



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