

Bescheinigung des Herstellers / Importeurs

Hiermit wird bescheinigt, daß ber Monitor, Model DD-556 XXX in
Übereinstimmung mit den Bestimmungen der Röntgenverordnung
(Amtsblattverfügng) funk - entstört ist.

Der Deutschen Bundespost wurde das Inverkehrbringen dieses Gerätes
angezeigt und die Berechtigung zur Überprüfung der Serie auf Einhaltung
der Bestimmungen eingeräumt.

Sicherheitsmaßnahmen und Wartung

- Den Monitor von der Netzspannung trennen, wenn der Monitor längere Zeit nicht benutzt wird.
- Versuchen Sie nicht, die rückseitige Abdeckung zu entfernen, da hierdurch stromführende Teile freigelegt werden und die Gefahr von elektrischen Schlägen besteht. Die rückseitige Abdeckung darf nur von qualifiziertem Wartungspersonal abgenommen werden.
- Legen sie keine Gegenstände auf das Monitorgehäuse, die in die Belüftungsschlitze fallen können oder diese Schlitze abdecken können, so daß die entstehende Wärme nicht ausreichend abgeführt werden kann.
- Setzen sie den Monitor nicht Regen oder übermäßiger Feuchtigkeit aus, um die Gefahr eines elektrischen Schlages oder eine dauerhafte Beschädigung des Gerätes zu vermeiden.
- Verwenden Sie keine Fklüssigkeiten auf Alkohol-oder Ammoniakbasis zur Reinigung des Gerätes. Falls erforderlich, wischen Sie das Gerät mit einem leicht angefeuchteten Tuch ab. Trennen Sie den Monitor vorher von der, Netzspannung!
- Wenden Sie sich an einen Service-Techniker, wenn der Monitor nicht normal funktioniert, obwohl Sie die Bedienungsanweisungen in diesem Handbuch befolgt haben.
- Den Monitor nicht in direktem Sonnenlicht oder in der Nähe von Wärmequellen, z. B. von Heizkörpern, aufstellen.
- Um eine Überhitzung zu vermeiden ist sicherzustellen, daß die Belüftungsöffnungen im Monitorgehäuse nicht verdeckt werden.
- Den Monitor nicht Feuchtigkeit oder Staub aussetzen.
- Den Monitor von magnetischen Gegenständen wie Lautsprechern, Elektromotoren, transformatoren usw. entfernt halten.
- Bei der Aufstellung des Monitors darauf achten, daß Netzstecker und Netzbuchse leicht zugänglich sind.

Federal communications commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician help.

Warning:

It is essential that only the supplied power cord be used and use shielded cables to connect I/O devices to this equipment.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void authority to operate the equipment.

IMPORTANT SAFETY INSTRUCTIONS

1. SEE INSTALLATION INSTRUCTIONS BEFORE CONNECTING TO THE SUPPLY
2. THE APPLIANCE COUPLER IS CONSIDERED AS A DISCONNECT DEVICE. SHALL BE CONNECTED AS CLOSELY AS PRACTICABLE TO THE INCOMING SUPPLY.
3. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THE UNIT TO RAIN OR MOISTURE.
4. REFRAIN FROM OPENING THE CABINET AS THERE ARE HIGH VOLTAGE COMPONENTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
5. IF USED IN INDUSTRIAL ENVIRONMENTS, SPECIAL PRECAUTIONS MAY NEED TO BE TAKEN TO LIMIT TRANSIENT VOLTAGES.

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INTRODUCTION

We would like to thank you for your purchase of this color monitor. This monitor set can be used with IBM PC/XT/AT and PS/2 computers or compatibles with analog RGB output. It also supports timings of graphics adapters including:

VGA, Super VGA, XGA, 1024x768.

This manual covers the specifications for models DD-556AA, DD-556BA. Please read this manual carefully to obtain the best performance from your monitor. Keep this manual for future reference.

Features

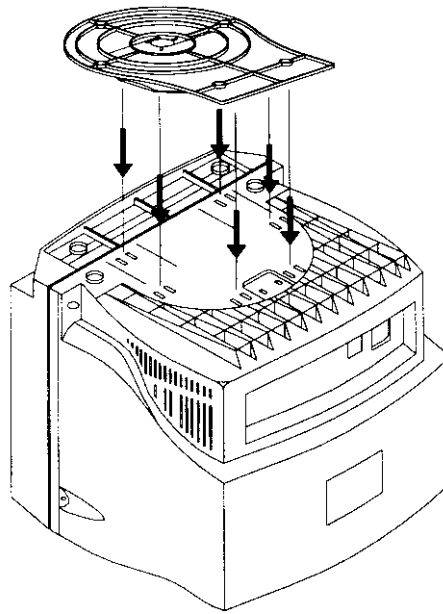
- Automatically scan horizontal and vertical frequencies.
- Analog input signal provides the capability of unlimited display colors.
- Auto sizing and auto centering between modes of graphics standards.
- Horizontal size/position, vertical size/position and pincushion controls are adjustable to adapt to a variety of graphics cards.
- Fine phosphor pitch provides greater image clarity.
- On-Screen-Display and Digital Control features provide user-friendliness and easy-to-use when operating the monitor.

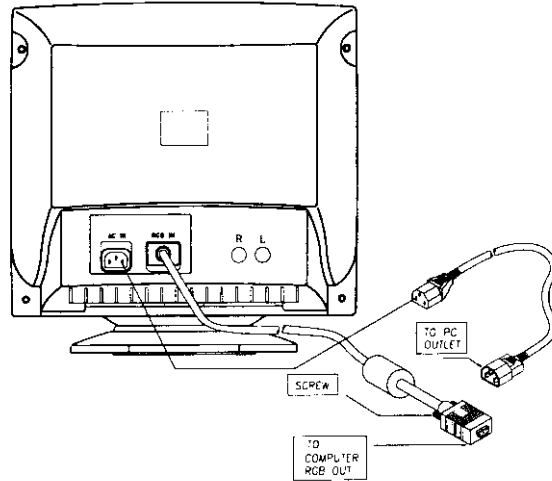
INSTALLATION INSTRUCTIONS

CAUTION:

Be sure to turn off the AC Power to the monitor before making connections

1. Assemble the tilt/swivel base as shown below.
2. Connect the power cord as shown on page 8.
3. Connect the end of the signal cable to the display connector of computer and tighten the screws as shown on page 8.










USING THE RIGHT POWER CORD FOR 230V AC









For units used at 120V: Use a UL Listed cord set consisting of a minimum NO. 18 AWG, Type SVT or SJT, rated 6A minimum 125V, three-conductor cord a maximum of 15 ft in length and a parallel blade, grounding type attachment plug.

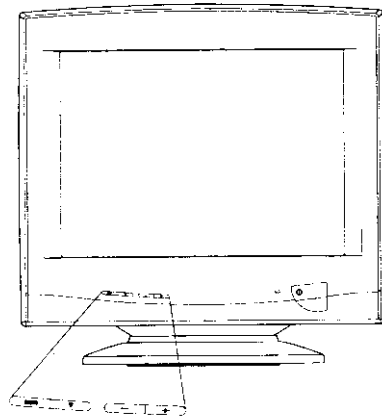
For units used at 230V (domestic use): Use a UL Listed cord set consisting of a minimum No. 18 AWG, Type SVT or SJT, rated 3A Minimum 250V, three conductor cord a maximum of 15 ft in length and a tandem blade, grounding type attachment plug.

For units used at 230V (outside of U.S.): Use a cord set consisting of a minimum No. 18 AWG cord and grounding type attachment plug rated 3A minimum 250V. The cord set should have the appropriate safety approvals for the country in which the equipment will be installed and marked HAR.

HOT KEY ADJUSTMENT

At Default State (screen without OSD), there are 2 hot keys ( / ) for adjustment. Push  or  or  button to show contrast and brightness icons on the screen:

-  Push to select contrast or brightness control.
-  Push  or  to adjust the level of contrast.
-  Push  or  to adjust the level of brightness.
-  Push to exit OSD.



SPECIFICATIONS

MODEL		DD-556 AA
CRT	SIZE	15" DIAGONAL (> 13.8" VIEWABLE)
	DEFLECTION ANGLE	90 DEGREES
	PHOSPHOR PITCH	0.28 mm
	SCREEN	DOT TYPE.
GRAPHICS STANDARDS COMPATIBILITY		NON-INTERLACED 1024 x 768, XGA, SUPER VGA, VGA
RESOLUTION (MAX)		NON-INTERLACED 1024 x 768
VIDEO BANDWIDTH (HXV)		75 MHz
SYNCHRONI- ZATION	HORIZONTAL	30 ~ 56 KHz
	VERTICAL	50-120 Hz
INPUT SIGNAL	VIDEO	RGB ANALOG 0.7 VP-P/75 OHMS POSITIVE
	SYNC	TTL SEPARATE/COMPOSITE (+/-)
DISPLAY COLORS		UNLIMITED
DISPLAY AREA (HXV)		266mm x 200mm (RECOMMENDED) THE DISPLAY AREA DEPENDS ON CATAL SIGNAL TIMINGS
POWER SOURCE		90 – 264 VAC
POWER CONSUMPTION		80 W
INPUT CONNECTOR		15 PIN MINI D-SUB
DIMENSION		365mm (D) x 398mm (W) x 328mm (H)
WEIGHT		14 KG (30.8 LBS)
USER CONTROLS		POWER SWITCH, CONTRAST, BRIGHTNESS V.POSITION H.POSITION, V.SIZE, H.SIZE, TRAPEZOID, COLOR, OSD FUNCTION EXIT , STATUS
OPERATING TEMPERATURE		0°C TO 40°C
OPERATING HUMIDITY		10% TO 80%
PLUG & PLAY		DDC 1/2B
POWER MANAGEMENT		VESA (NUTEK)

NOTE: DD-556 BA is a low Radiation MPR II standard.

POWER MANAGEMENT

THIS MONITOR CAN SUPPORT VESA POWER MANAGEMENT SYSTEM, INDICATED BY THE LED ON THE FRONT PANEL:

STATE	LDE COLOR	POWER CONSUMPTION
ON	GREEN	80W
STAND BY/ SUSPEND	AMBER	< 15W
ACTIVE OFF	AMBER	< 8W

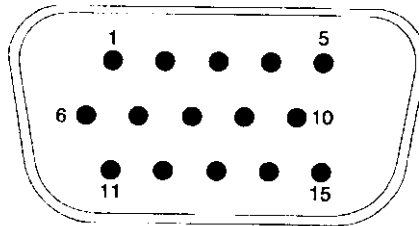
The monitor remains in the power-saving state until you press a key on the keyboard or move the mouse (if available).

DISPLAY DATA CHANNEL (DDC)

COMMUNICATION CHANNEL TYPE: VESA DDC1/2B.

ESTABLISHED TIMINGS: AS PRESET TIMING CHARTS.

INPUT PIN ASSIGNMENT



PIN NO.	SIGNAL
1.	RED VIDEO
2.	GREEN VIDEO
3.	BLUE VIDEO
4.	DIGITAL GROUND OR NO PIN
5.	SELF TEST
6.	RED VIDEO RETURN
7.	GREEN VIDEO RETURN
8.	BLUE VIDEO RETURN
9.	+5V OR NO PIN
10.	DIGITAL GROUND
11.	DIGITAL GROUND OR NO PIN
12.	SDA (DDC 1/2B DATA)
13.	HORIZONTAL SYNC
14.	VERTICAL SYNC
15.	SLC (DDC 2B CLOCK)

PRESET TIMING CHARTS

RESOLUTION	HOR. FREQ.	VERT. FREQ.	SYNC. POLARITY	
			HOR.	VERT.
640 x 350	31.47 KHz	70Hz	+	-
640 x 400	31.47 KHz	70Hz	-	+
640 x 480	31.47 KHz	60Hz	-	-
640 x 480	37.5 KHz	75Hz	-	-
720 x 400	37.93 KHz	85Hz	-	+
640 x 480	43.27 KHz	85Hz	-	-
800 x 600	53.67 KHz	85Hz	+	+
1024 x 768	48.36 KHz	60Hz	-	-

TROUBLESHOOTING GUIDE

If your monitor is not performing properly, please use the following troubleshooting chart for quick solutions to common problems. If the problem persists, call your monitor dealer for assistance.

Problem	Possible Cause	Remedy
No picture	Is the power cord connected? Is the power switch on? Is the signal cable properly connected? Is the monitor in the power save mode?	Connect power cord. Turn on power switch. Connect signal cable properly. Check connector for bent pins. Press any key on the keyboard or move the mouse.
Picture is unstable	Is the signal cable properly connected? Is the scanning frequency outside the acceptable range? Are the pin arrangements of the signal connector correct?	Connect signal cable properly. Check for bent or missing pins. Reconfigure the graphics board within the range of the monitor. Use correct signal cable.
The display image is not centered, too small or too large.	Is there magnetic object nearby?	Reconfigure the graphics board within the range of the monitor. If the frequency range is correct, adjust the position and size controls to the desired image.
The color of image on screen is abnormal.	Is there magnetic object nearby? Are the pin arrangements of the signal connector correct?	Move the object away. Use correct signal cable.

ADDITIONAL INFORMATION

Helpful Hints

- Avoid exposing the monitor to direct sunlight or other heat source.
- Keep the monitor away from magnets, motors, transformers, speakers and televisions.
- Do not place heavy objects on the cable or power cord.

Safety Tips

- If smoke, abnormal noise or foul odor is present, immediately switch the monitor off and call your dealer. It is dangerous to continue using the monitor.
- Never remove the rear cover. The display unit contains high-voltage parts. You may suffer electric shock if you touch these parts. Call your dealer for support.

Care of Your Monitor

- Use only non-ammonia glass cleaner on the monitor screen.
- Use only a soft, dry cloth to clean the display case. If the plastic is very dirty, use a neutral, non-abrasive detergent. Do not use alcohol based cleaner or polish.
- Avoid spilling liquid on the monitor.
- Always handle your monitor with care when moving it.

* Due to continuous product improvement, the specifications in this manual are subject to change without notice.