USER'S GUIDE

COLOR MONITOR

Model No : 907D/907DF

DAEWOO

FEDERAL COMMUNICATIONS COMMISSION
RADIO FREQUENCY INTERFERENCE STATEMENT

NOTE : 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 the 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 to an outlet on a circuit different from that to
  which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

CAUTION : Any changes or modifications not expressly approved by the
party responsible for compliance could void the user's authority
to operate the equipment.

CANADIAN NOTICE

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

AVIS CANADIEN

Cet appareil numérique de la Class B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

WICHTIGE INFORMATIONEN

Bitte lesen Sie alle diese Informationen, bevor Sie das Gerät in Betrieb nehmen! Lesen Sie außerdem die Bedienungsanleitung komplett und sorgfältig durch, da nur in diesem Fall eine problemlose Inbetriebnahme erwartet werden kann.

- Achten Sie darauf, daß das Gerät nur in eine 230V Steckdose eingesteckt wird.

- Die Steckdose sollte jederzeit frei zugänglich sein um bei einem evtl. auftretenden Notfall das Gerät schnell vom Netz zu trennen.

- Achten Sie desweiteren darauf, daß die Netzanschlußleitung nicht mechanisch beansprucht oder sonstwie beschädigt wird.

- Öffnen Sie das Gerät niemals! Im Inneren befinden sich Teile mit gefährlicher Spannung.

- Bevor Sie das Gerät reinigen, ziehen Sie bitte den Netzstecker aus der Steckdose. Säubern Sie dann das Gerät mit einem feuchten (keinesfalls tropfnassen) Lappen.

- Stellen Sie das Gerät an einem ergonomisch günstigen Ort auf und sorgen Sie dafür, daß der Monitor mit nach ISO 9241 -3, -7, -8 geprüfter Peripherie betrieben wird, da nur unter diesen Umständen ein optimaler ergonomischer Betrieb des Gerätes sichergestellt ist.

Falls Sie dennoch Fragen haben, auf die die Bedienungsanleitung keine hinreichende Antwort geben kann, so kontaktieren Sie bitte den nächsten Fachhändler.

Maschinenlärminformationsverordnung 3. GSGV, 18.01 1991:
Der arbeitsplatzbezogene Schalldruckpegel beträgt 70 dB (A) oder wenigergemäß ISO 7779.

DAEWOO

DECLARATION OF CONFORMITY

We, Manufacturer / Importer

DAEWOO ELECTRONICS CO., Ltd
686, Ahyon-dong, Mapo-gu, Seoul, Korea

declare under our sole responsibility that the product,

Color Display monitor
907D
907DF

to which this declaration relates is in conformity with
the following standard(s) or other normative document(s)

Safety : EN60950/1992/A1:1993/A2:1993
A3:1995/A4:1997
EMC : EN 55022/8.1994/A1:1995/A2:1997
EN 55024/1998
EN 61000 -3-2,3/1995

following the provisions of 89/336 EEC-EMC Directive
and the provisions of 73/23 EEC-Low Voltage Directive.

Handed over by :   Jong K. Choi, Director.
Display Business Division.

2002 Seoul   Signature : _____

J.K.Choi Director.
Display Business Division.
DAEWOO ELECTRONICS CO., LTD.

Emission Characteristics Tested by SEMKO
A sample of this type has been tested and has shown compliance with
theguidelines in the swedish document MPRII.

This product is also designed for IT power system with phase to phase
voltage of 230V.

The power cord is used as a main disconnect device. Disconnect the
power cord before servicing. The outlet must be installed near the
monitor and must be easily accessible.

As an **E**NERGY **S**TAR$^{®}$ Partner, Daewoo Electronics Co., Ltd. has
determined that this product meets the Energy Star$^{®}$ guidelines for
energy efficiency.

The appliance is not intended for use by young children or infirm
persons without supervision ;
Young children should be supervised to ensure that they do not play
with the appliance.

CONTENTS

INTRODUCTION

This manual explains how to correctly install, operate and get the best performance from your monitor. Please read this user's guide carefully before installing your monitor, then keep it near your monitor for quick reference.

First, please check that the contents of the box corresponds with the following checklist :

- ● Color monitor
- ● Power cord
- ● User's Guide
- ● Warranty card (Optional)

If any item is missing or damaged, please contact your dealer. Please keep the box and packing materials so that you may properly store or transport your monitor.
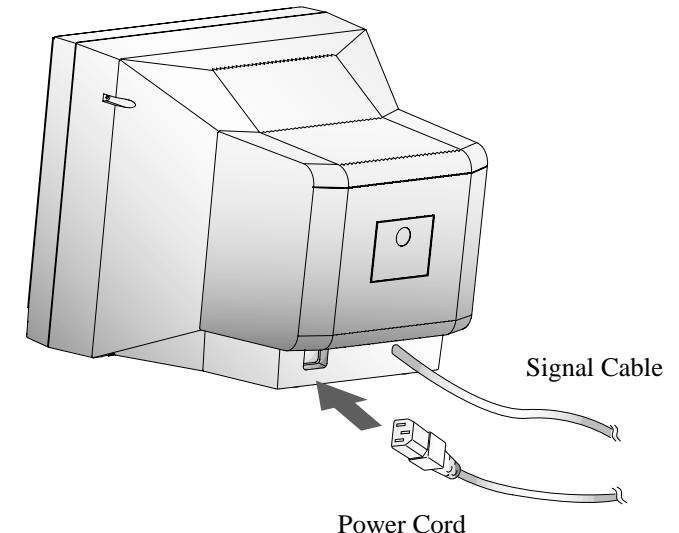
- The convenient and user-friendly on-screen display allows for easy and accurate adjustments of horizontal and vertical screen size and position, geometry and screen color.

- The monitor supports a safe working environment in strict compliance with the MPR II standard for low emissions (TCO Optional).

- The monitor complies with the VESA Display Data Channel (DDC) specification for Plug and Play compatibility. Advanced microcircuitry makes setup and configuration fast and effortless.

- The monitor features Advanced Color Controls for fine-tuning to meet your own personal tastes or application requirements. Use the on-screen controls to adjust the color temperature, RGB gain value for the best possible screen color and intensity.

- Press the menu button and activate the Self-Diagnosis menu to determine whether your monitor is functioning normally, not receiving a signal or is receiving a signal that is out of scanning range.

- Activate the higher refresh rates of the monitor to stabilize the screen and eliminate the annoying flicker that contributes to eye-strain and headaches.

- The "borderless" full-screen display capability works under all graphic modes and provides a larger viewing area than conventional monitors, giving you a better picture with more workspace.

- The monitor 907DF which has applied the DynaFlat CDT offers creating sharper and cleaner images even at the outer most edges of the screen.

SETUP

1. Turn off the computer and monitor.

2. Connect the 15 pin D-sub connector to the output port of the video card in your computer.

3. Tighten the screws of the connector.

4. Plug the power cord into the AC receptacle located on the back of the monitor.

5. Plug the other end of the power cord into the AC outlet.

Signal Cable
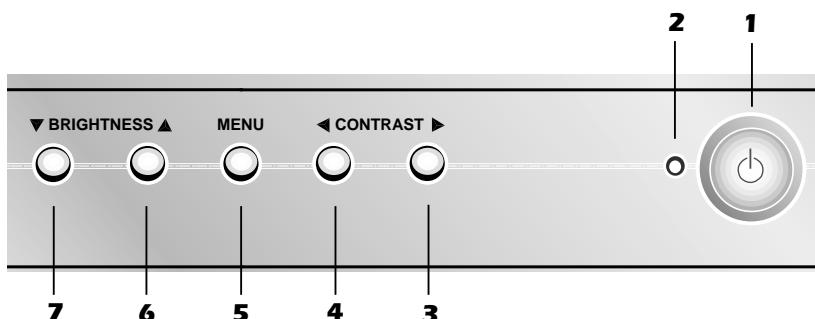
Power Cord

If your power cord is PC-to-Monitor type, plug the other end of the power cord into the AC receptacle in the computer.

OPERATION & ADJUSTMENT

**1** **POWER**

swithes the monitor on and off.

2 **POWER Indicator**

shows both normal operation and power management status with power indicator light.

2 **1**

▼ BRIGHTNESS ▲   MENU   ◀ CONTRAST ▶

7 **6** **5** **4** **3**

3 ▶ (∗)

moves cursor to the right window in the OSD window and increases the value of any selected function.
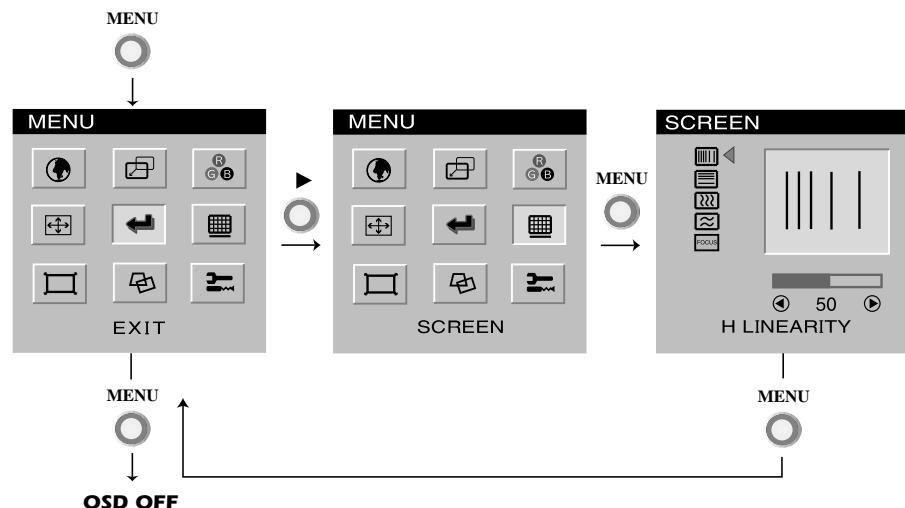
4 ◀ (∗)

moves cursor to the left window in the OSD window and decreases value of any selected function.

5 **MENU**

turns the OSD window on and moves from top menu to sub menu in the OSD window.

6 ▲ (∗)

moves cursor to the high window in the OSD window and increases the value of V.Size or V.Center.

7 ▼ (∗)

moves cursor to the low window in the OSD window and decreases the value of V.Size or V.Center.

(∗) : Hot Key

MENU

↓

MENU → MENU → SCREEN

EXIT   SCREEN   H LINEARITY

◀ 50 ▶

MENU   MENU

OSD OFF
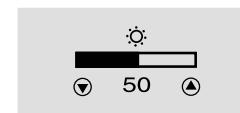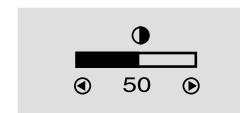
- When you choose the icon ↵ on the OSD window, you can exit the OSD screen.

BRIGHTNESS   CONTRAST

☼   ◑
⊙ 50 ⊙   ◀ 50 ▶

ICON	CONTROL	FUNCTION
	LANGUAGE	Select language for OSD (5 languages).
	H. CENTER & V. CENTER	Adjust the position of the display horizontally(left or right) and vertically (up or down).
	COLOR TEMP.	Choose different preset color temperatures or set your own customized color parameters.
	RED GAIN	Adjust the red gain.
	GREEN GAIN	Adjust the green gain.
	BLUE GAIN	Adjust the blue gain.
	RED BIAS	Adjust the red bias.
	GREEN BIAS	Adjust the green bias.
	BLUE BIAS	Adjust the blue bias.
	H. SIZE & V. SIZE	Adjust the width (horizontal size) and the height (vertical size) of the display.
	H LINEARITY	Adjust the horizontal linearity.
	V LINEARITY	Adjust the vertical linearity.

| ICON	CONTROL	FUNCTION
	H MOIRE	Adjust the horizontal picture moire cancellation.
	V MOIRE	Adjust the vertical picture moire cancellation.
FOCUS	FOCUS	Adjust the focus image.
	ZOOM	Adjust the display width & height at the same time.
	PINCUSHION	Adjust the left and right margins for more convex or more concave margins.
	TRAPEZOID	Adjust the trapezoid of the screen by moving the lines inward or outward.
	PIN BALANCE	Adjust the side balance when the sides of the screen are bowed towards left or right.
	PARALLELO -GRAM	Adjust the parallelogram when the screen is leaning left or right.
	T. PIN CORNER	Adjust the pin corner top when the top sides of the screen are bowed.
	B. PIN CORNER	Adjust the pin corner bottom when the bottom sides of the screen are bowed.
	ROTATION	Adjust the rotation when the screen is tilted left or right.
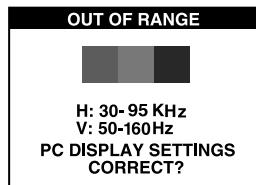
ICON	CONTROL	FUNCTION
⏁	DEGAUSS	Degaussing keeps the monitor free from unwanted magnetism that can result in color impurity.
▣	STATUS	Display horizontal & vertical frequency and polarity.
▢ᶻᶻ	POWER SAVER	YES : VESA DPMS operation. NO : NO DPMS operation.
⬤	RECALL	Reset the screen to the Factory Preset Display Settings.
TEST	TEST PATTERN	Display a RGB Color Bar to determine whether the screen color is expressed normally or not.

SELF DIAGNOSIS

When the monitor doesn't display, if you press any key, Self Diagnosis screen is displayed. The Self Diagnosis function checks if the status of the monitor is No Signal or Out of range.

NO SIGNAL

No Signal screen is displayed when the D-Sub signal connector is not connected or the status of the monitor is on DPMS mode.

OUT OF RANGE

H: 30 - 95 KHz
V: 50 - 160 Hz
PC DISPLAY SETTINGS CORRECT?

Out of Range screen is displayed when the applied frequency is under or over normal range.

▪ Normal range
H : 30 - 95 KHz
V : 50 - 160 Hz

SPECIFICATIONS

Model Names		907D	907DF
CDT Size		19-inch	19-inch DynaFlat
Diagonal visible image area		18-inch	18-inch
Dot Pitch		0.25 mm	0.24 mm
Synchronization	Horizontal	30 - 95 KHz	
	Vertical	50 - 160 Hz	
Plug and Play		VESA DDC Compatible	
Power Saving		EPA, VESA DPMS, Nutek Compliant	
Power Source		100-240 Vac, 50/60Hz (Free Voltage)	
Power Consumption		120 W	
Dimension-W x H x D (set with stand)		444 x 459 x 460 mm	444 x 459 x 458 mm
Weight-unpacked(lbs/Kg)		40.8/18.5	45.6/20.7
Operating Temperature		10 ~ 40°C /50 ~ 104°F	

▪ The specification can be changed without any prior notice to improve the quality of the product.

FACTORY PRESET TIMINGS

Mode	Resolution (dots ✕ lines)	H.Freq(KHz)	V.Freq(Hz)	Remark
VGA 480	640 ✕ 480	31.5	60	Non-interlaced
VGA 400	720 ✕ 400	31.3	70	Non-interlaced
VESA 43K	640 ✕ 480	43.3	85	Non-interlaced
VESA SVGA 85	800 ✕ 600	53.7	85	Non-interlaced
VESA 60K	1024 ✕ 768	60.0	75	Non-interlaced
VESA 1024/85	1024 ✕ 768	68.7	85	Non-interlaced
VESA 1280/75	1280 ✕ 1024	80.0	75	Non-interlaced
VESA 1280/85	1280 ✕ 1024	91.1	85	Non-interlaced

TROUBLESHOOTING

Symptom	Check
No picture.	Check if power switch and computer power switch are in the on position. ↓ Check if the signal cable is correctly connected to the video card. ↓ Check if the pins of D subconnector are not bent. ↓ Check if the computer is in the power- saving mode.
POWER LED is not lit.	Check if power switch is in the on position. ↓ Check if the power cord is correctly connected.
Image is unstable.	Check if the signal cable is suitable to the video card.
Image is not centered, too small or too large.	Adjust H&V Size or H&V Center to get the proper image.
Picture bounces or a wave pattern is present in the picture.	Keep the devices that may cause electrical interference away from the monitor. ↓ See the FCC information at the front cover of the manual.
Color looks blotchy.	Operate Degauss once.
Picture is blurred.	Adjust Contrast and Brightness. ↓ Operate Degauss once.
Edges of available area on the screen are not straight.	Adjust Geometry Control (Pincushion, Trapezoid..).

S/N : 9978633100