Thank you for your selection of our TFT-LCD Monitor.
Please take a few minutes to read this User's manual
for the best performance of this monitor.
Information in this manual is subject to change
without prior notice.
IBM, DOS, PC and VGA are trademarks of
International Business Machines Corporation.

CONTENTS

FCC Information

This equipment has been tested and found to comply with 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 can generates, uses, and radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful inteference to radio Communications. However, there is no guarantee that interference will not occur in a particular installation.
If this equipment does cause unacceptable interference to radio and 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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced Radio/ TV technician for help.

Caution : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

1. Package Contents

The monitor box should contain the followings :

- TFT-LCD monitor
- DC Power adapter
  - Connects to DC IN port on the back of the monitor
- Power cord
  - Connects wall outlet to DC Power adapter
- D-SUB 15pin cable
  - Connects PC to the monitor
- Remote Control
- User's manual

2. Monitor Parts

FRONT

4

5

3 1 2

STAND(S)

6

STAND(P)

6

BACK
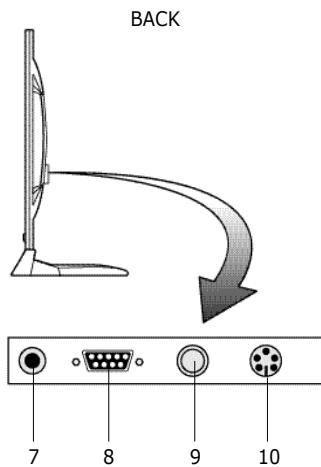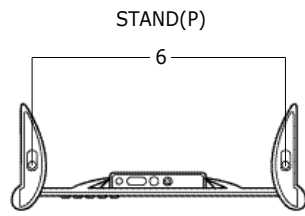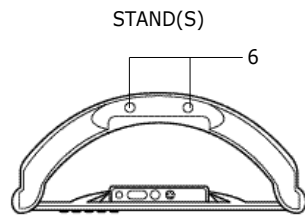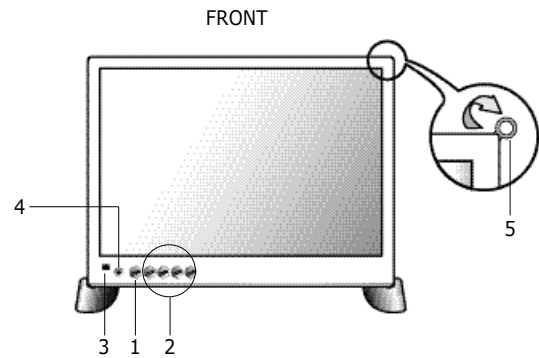
1. Power button

2. OSD button

3. IR receiver

4. LED indicator

5. Ring for strap

6. Hole for hanging

7. Power input connector

8. VGA input connector

9. Composite Video input connector

10. S-Video input connector

7   8   9   10

3. Connecting to PC

To attach the TFT-LCD monitor to the system, please follow the instructions hereunder

1. Connect 15-Pin D-SUB cable to the computer system. Tighten all the screws.
2. Connect 15-pin D-SUB cable to the appropriate connector on the back of the monitor
3. Connect DC power adapter cable to the power input connector on the back of the monitor
4. Connect one end of the AC power cord to the DC power adapter and the other end to the AC power outlet
5. Turn on the monitor
6. To complete the setup

   set up your computer system to :

   1024X768 resolution and 60Hz of vertical refresh rate for the best performance.

   Execute Auto Adjust (chap.5 OSD control or chap.6 Remote control)

4. Features

Wider and clearer than you have ever imagined.

Super-slim and ultra-light

Portable and fashionable design
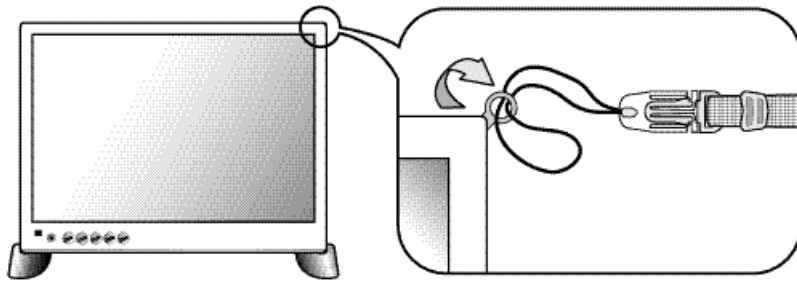
Plug-and-play compatible

Picture -in-Picture feature is provided

Automatic Adjustment function is provided

VESA standard wall mounting (optional)

Wall mountable and can be hung

- How to connect the strap

- Handle the two rings with care to avoid any possible injury

5. OSD Control

OSD(On-Screen-Display) controls are as follows :

To access OSD Menu, press MENU button

MENU : Menu on/off, submenu select button

- Show OSD menu on the screen

- Enter the submenu/exit from the submenu

- Exit from the main menu

SELECT : Menu select button

- Moves the highlighted area down

UP : Button to adjust

- Moves the bar right to increase

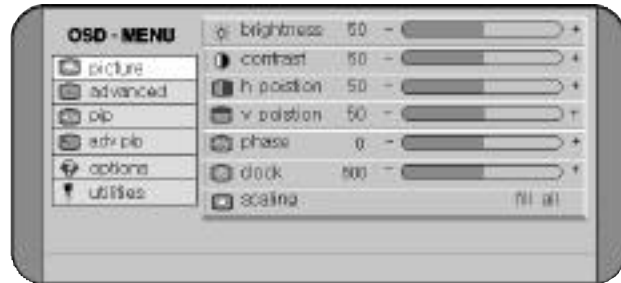**DOWN** : Button to adjust

- Moves the bar left to decrease

HOT KEYS

AUTO ADJUST : down

BRIGHTNESS & CONTRAST : SELECT

SOURCE CHANGE : up

PC Mode

PICTURE

Brightness
Controls the brightness of the LCD
Contrast
Controls the contrast of the LCD
H Position
Controls the Horizontal image position
V Position
Controls the Vertical image position
Phase
Adjusts focus, clarity and image stability
Clock
Adjusts display, horizontal size.
Scaling
fill all : fills all the monitor screen at any resolution
fill aspect ratio : shows size of 4:3
one to one : shows resolution size(VGA, SVGA, XGA) as it is

ADVANCED

Sharpness
Adjust the clarity and focus of the screen image
Sharp 1->2->3->4->5 Soft
Gamma
linear : show gamma pattern of LCD monitor type
crt : show gamma pattern of CRT monitor type
Color Temperature
provides four preset color adjustments
Warm 5000 -> 7300 -> 9300 Cool
user : user can adjust each of R,G,B

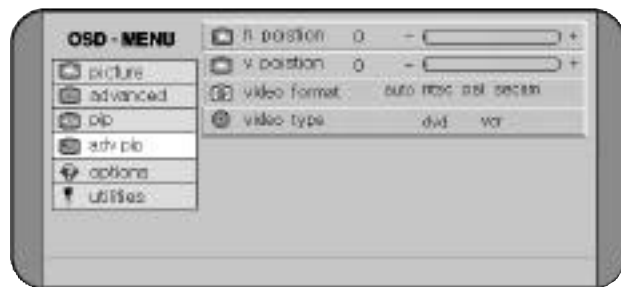## PIP (Picture in Picture)

Size

Select the size of pip

Pos

Select the position of pip

Source

Select the source of video signal

Only when the pip mode is "0n", you can adjust brightness, contract, color, tint and sharpness

Adv pip

This menu is available only when the pip mode is "on"

H position

Controls the horizontal position of pip

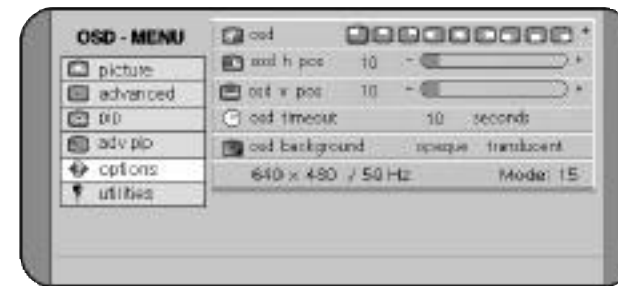**V position**

Controls the vertical position of pip

Video format

Set the current video format

Video type

Set the current video type

OPTIONS

OSD

Provides nine preset OSD positions

Each position is fixed at the factory

OSD H/V pos

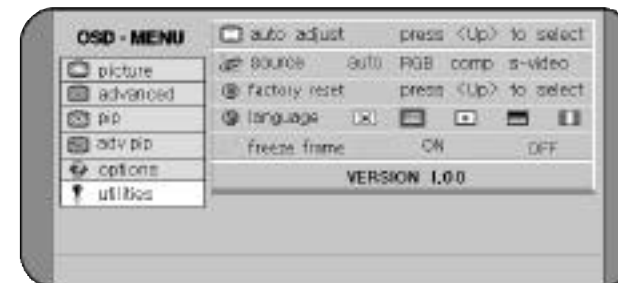Controls the position of OSD

OSD timeout

You can select the time up to 60 seconds

OSD background

Controls the color of OSD background

Opaque (gray), Translucent (transparent)

UTILITIES

Auto adjust

Automatically adjust the screen to the best conditions

Source

You can select a source (RGB, Composite Video, S-Video)

Factory reset

Allows you to reset all the OSD control settings back to the factory settings
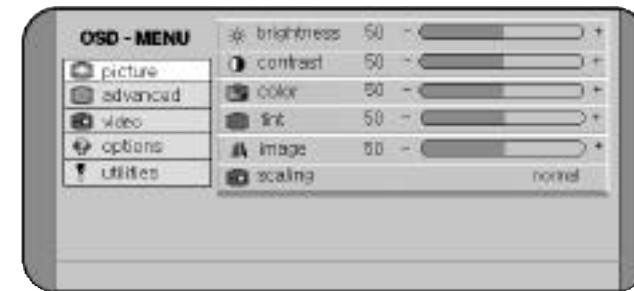
Language

Select language by using UP or DOWN button

Freeze frame

Pause the image by selecting "on"

AV Mode

PICTURE

Brightness

Controls the brightness of the LCD

Contrast

Controls the contrast of the LCD

Color

Adjusts the depth of the video color

Tint

Adjusts the tint of the video color

Image

Adjust the clarity and focus of the screen image

Scaling
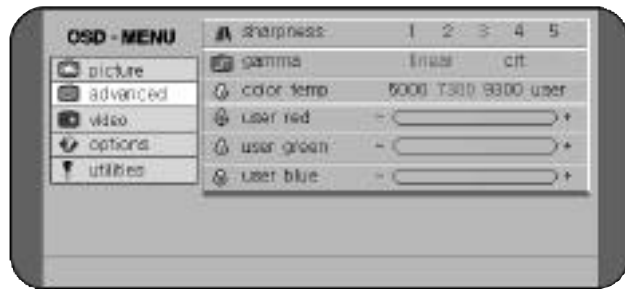
normal : fill all the monitor screen

fill aspect ratio : 4:3 mode

zoom : This mode zooms center of the screen up to 150%

anamorphic : 16:9 wide mode

ADVANCED

Sharpness

Adjust the clarity and focus of the screen image

Sharp 1 -> 2 -> 3 -> 4 -> 5 Soft

Gamma

linear : show gamma pattern of LCD monitor type
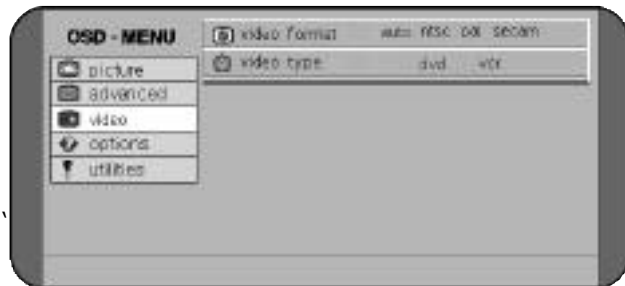
crt : show gamma pattern of CRT monitor type

Color Temperature

provides four preset color adjustments

Warm 5000 -> 7300 -> 9300 Cool

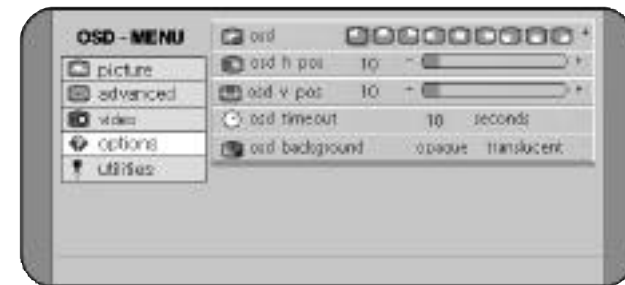user : user can adjust each of R,G,B

VIDEO

Video format

Set the current video format

Video type

Set the current video type

DVD -> VCR

OPTIONS

OSD

Provides nine preset OSD positions

Each position is fixed at the factory

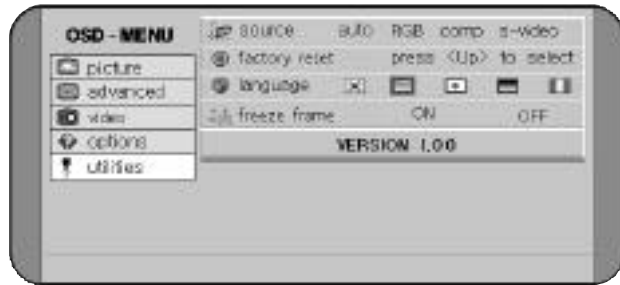**OSD H/V pos**

Controls the position of OSD

OSD timeout

You can select the time up to 60 seconds

OSD background

Controls the color of OSD background

Opaque (gray), Translucent (transparent)

Source

You can select a source (RGB, Composite Video, S-Video)

Factory reset

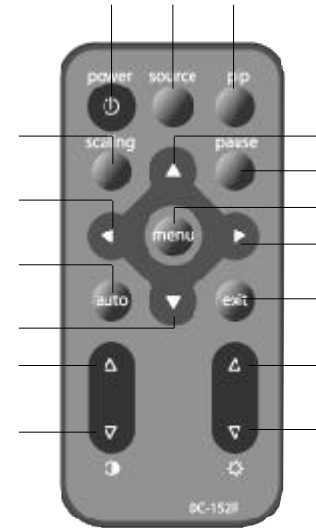Allows you to reset all the OSD control settings back to the factory settings

Language

Select language by using UP or DOWN button

Freeze frame

Pause the image by selecting "on"

6. Remote Control

POWER : On/Off

SOURCE SELECT

PIP SELECT

DISPLAY SCALE SELECT

SELECT UP

STOP THE CURRENT IMAGE

ADJUST DOWN

MAIN MENU
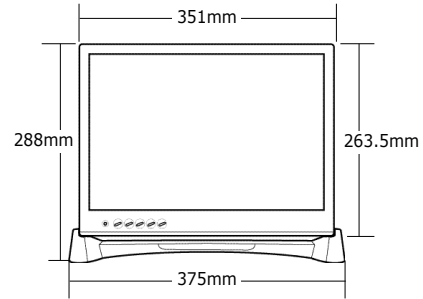
ADJUST UP

AUTO ADJUST

SELECT DOWN

EXIT FROM THE CURRENT MENU
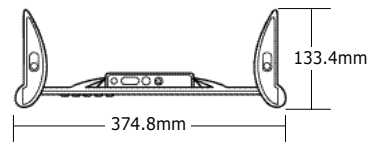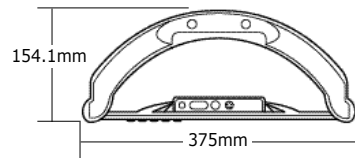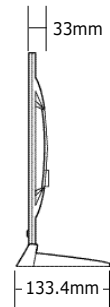
CONTRAST UP

CONTRAST DOWN

BRIGHTNESS UP

BRIGHTNESS DOWN

7. Dimensions

<DCM-152W(S) Stand Type>

<DCM-152W(P) Pinocciho Type>
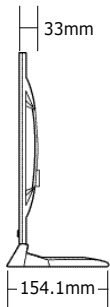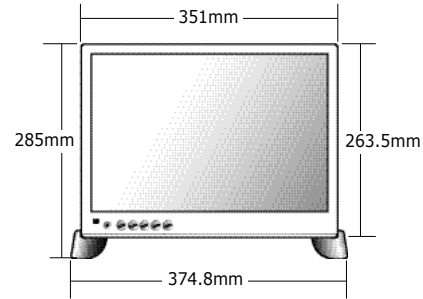
8. Specifications

MODEL	DCM-152W	
PANEL	TYPE	Amorphous active matrix TFT-LCD
	Active area	15.21" WIDE diagonal
	Pixel format	1152(H) x 768(V)
	Pixel pitch	0.279mm x 0.279mm
	Color depth	6bit, 262144 Colors (16M colors by dithering)
	Contrast ratio	250 : 1(Typ.)
	Brightness	150 cd/m²
	Active display size	321.41 mm (H)x214.27 mm (V)
	Viewing angle	R/L : 45° / 45°, U/D : 10° / 30°
	Interface	LVDS
RESOLUTION SUPPORT		VGA, SVGA, XGA, WXGA[1152(H) x 768(V)]
POWER	On working	< 25W
CONSUMPTION	Off	< 4W
OSD CONTROL	Function	Brightness, Contrast, Image position(H,V), Phase control, Clock control, Scaling select, Sharpness, Gamma, Color temp, Osd position, Language select, Osd timeout, Osd background, Factory reset, Auto adjust, Source select, PiP, Freeze
PLUG & PLAY		DDC1/DDC2B
POWER SAVING		VESA DPMS
POWER SUPPLY	Input	AC 100V~240V, 50~60Hz
ADAPTER	Output	12VDC
STANDARD ACCESSORIES		15-PIN VGA cable, AC adapter Power cord, Remocon, User's manual
WEIGHT	STAND TYPE	1.52Kg
	PINOCCHIO TYPE	1.28Kg

9. Recommended Use

FOR OPTIMUM PERFORMANCE, PLEASE NOTE THE FOLLOWING WHEN SETTING UP AND USING THE TFT-LCD MONITOR.

DO NOT OPEN THE MONITOR.

Opening or removing covers may expose you to dangerous shock hazards or other risks.

Once you open it the warranty voids

Do not put anything on top of the monitor

Do not spill any liquids into the cabinet or use your monitor near water

Do not place this monitor on a sloping or unstable cart, stand or table, as the monitor may fall down and cause serious damage to it

If you connect or disconnect the VGA cable while both of PC's and LCD monitor's power is turned on, the monitor might show some garbage on the screen or could be damaged. Please turn off the TFT-LCD monitor's power before connecting or disconnecting VGA cable

Handle with care when transporting. Save package for transporting.

Do not touch or press the surface of the LCD panel as it might cause a permanent damage.

Use only soft cloth with non-ammonia glass cleaner to clean the panel.

Handle with care when you connected a strap to the two rings at the upper left and the upper right sides of the monitor

10. Troubleshooting

No image on the screen

The VGA cable should be completely connected to the monitor and computer.

The display card should be completely seated in its slot.

Power switch and computer power switch should be in the ON position.

Check to make sure that a supported mode has been selected on the display card or system being used. (Please consult display card or system manual to change graphics mode.)

Check to make sure that the refresh rate is 60Hz.

Check the monitor and display card with respect to compatibility and recommended settings.

Check the VGA cable connector for bent or pushed-in pins.

Power button does not respond

Unplug the power cord of the monitor from the AC outlet, wait 10 to 20 minutes, then plug the power cord into the AC outlet. This will reset the monitor and power supply.

LED on monitor is amber (with no image on the screen)

The signal cable should be completely connected to the monitor and computer.

Make sure whether the computer is in a power-saving mode (touch the keyboard or mouse)

Image is unstable, unfocused

VGA cable should be completely connected to the computer

Use OSD controls to focus and adjust display by increasing or decreasing the phase or frequency control. - When display mode is changed, OSD re-adjustment may be needed.

Check the monitor and display card with respect to compatibility and recommended signal timings.

Display is not sized properly

    Use OSD horizontal controls to increase or decrease the size.

    Check to make sure that a supported mode and signal timing has been
selected on the display card or system being used. (Please consult display
card or system manual to change graphics mode or refresh rate)