

BenQ

18.5" wide LCD Monitor

User Manual

▪ English

▪ 日本語

▪ Deutsch

▪ 简中

▪ Français

▪ 繁中

▪ Italiano

▪ Suomi

▪ Español

▪ Nederlands

▪ Русский



PRECAUTIONS

Information for users applicable in European Union countries



The symbol on the product or its packaging signifies that this product has to be disposed separately from ordinary household wastes at its end of life. Please kindly be aware that this is your responsibility to dispose electronic equipment at recycling centers so as to help conserve natural resources. Each country in the European Union should have its collection centers for electrical and electronic equipment recycling. For information about your recycling drop off area, please contact your local related electrical and electronic equipment waste management authority or the retailer where you bought the product.

Information for users applicable in United States of America



LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS. FOR MORE INFORMATION, CONTACT THE ELECTRONIC INDUSTRIES ALLIANCE AT WWW.EIAE.ORG. FOR LAMP SPECIFIC DISPOSAL INFORMATION CHECK WWW.LAMPRECYCLE.ORG.

Installation

1. Do not cover or block the ventilation ports on the rear of the monitor.
2. Do not install the monitor close to heat sources such as radiators or air ducts, or in a location exposed to direct sunlight, excessive dust, mechanical vibration, or shock.
3. The apparatus shall only be used between 5° tilted forward and 22° tilted backward as normal operation position. If the tilt angle exceeds 22°, it shall be used for wall mounting or packaging only.

Power connection

1. Use the correct power cord for your local voltage.
2. Use an accessible outlet close to the monitor.
3. Do not allow anything to rest on the power cable.
4. Only use the power adapter attached to the monitor.

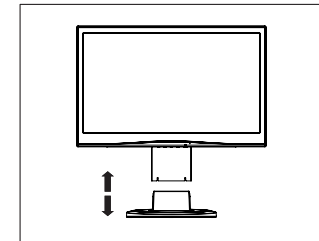
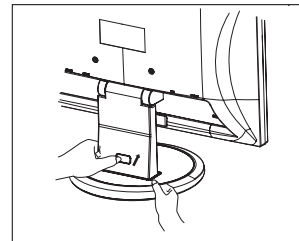
5. Disconnect the power cable from the power supply if:
 - 5.1 You will not use the monitor for an extended period.
 - 5.2 The cable is damaged or frayed.
 - 5.3 The monitor has been dropped or the cabinet damaged.
 - 5.4 A distinct change in performance indicates a need for servicing.

Maintenance

1. Clean the cabinet and controls with a soft cloth lightly moistened with a mild detergent solution. Do not use any abrasive materials or solvents such as alcohol or benzene.
2. Do not rub, touch, or tap the surface of the screen with sharp or abrasive items such as pens or screwdrivers, as the screen may scratch.
3. Do not insert objects or spill liquids into the ventilation ports on the monitor's rear, as fire, electric shock, and / or unit failure may result.

Transporting the monitor

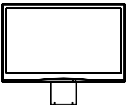






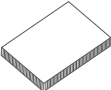
1. When carrying the display to repair or check it, please press the "square button" behind the support, remove the base, and then use the original carton and packing materials to wrap the display and its accessories.



GETTING STARTED

Package contents

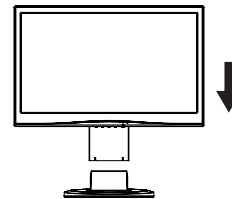
Before beginning, ensure that the carton contains the following items:

	1. LCD Monitor
	2. Monitor Base (the shape of base may vary according to the monitor model)
	3. Power Cord (plug may vary according to the electrical standards for your area)
	4. Analog Signal Cable
	5. Digital Signal Cable (optional)
	6. Audio Cable (optional)
	7. CD-ROM (contains user manual)
	8. Quick Installation Guide

Monitor installation

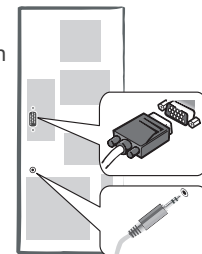
1. Setting up the monitor

- 1.1 Take out the monitor and monitor base from the package.
- 1.2 Place the detached monitor base on the desk.
- 1.3 Grasp the monitor with both hands and securely attach the monitor by sliding the monitor neck into the base (Ensure the direction of the base is correct)



2. Connecting signal cable

- 2.1 Switch off your computer.
- 2.2 Connect the signal cable to the D-SUB or DVI port (Optional: T900HD/T902HD) at the rear of the monitor and tighten the connector screws
- 2.3 Connect the other end of signal cable to the computer's VGA port and tighten the connector screws.
- 2.4 Note: Ensure the display setting does not exceed 1366*768, 60Hz.

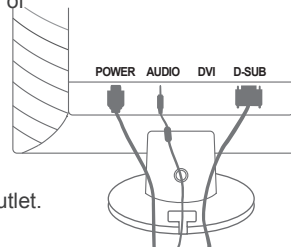


3. Connecting audio cable (with audio option)

- 3.1 Plug the audio cable into the AUDIO port at the rear of the monitor.
- 3.2 Plug the other end of the audio cable into the audio port of your computer or other audio source.

4. Connecting power

- 4.1 Plug the female end of the power cord into the POWER port at the rear of the monitor.
- 4.2 Plug the male end of the power cord into a power outlet.



5. Switching on

- 5.1 Switch on your computer.

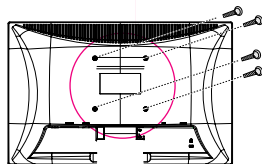
You should now be able to see the picture. If not, refer to the trouble shooting section of this guide.



Install the Wall mount plate

Wall mount plate(Separate purchase)


This is stand-type or wall mount type and is connectable with wall mount plate. Please refer to the installation guide for more details, which is provided when wall mount plate is purchased.



Kensington Security Slot

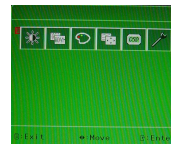
Connected to a locking cable that can be purchased separately at most computer stores.

Identifying parts and controls

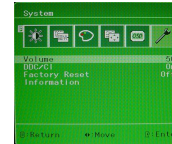
1. The LED light indicates the state of working. During operation, the LED Light is bright green. When dormant, the LED Light is orange.
2. The power button  is used to identify the state of power. You can use the power button to control on & off.
3. The function keys are used for adjusting all settings. When you need some adjustment, you can achieve the goals by pressing any of the function menus. Details for all the function menus are subsequently described.

Working with OSD Group

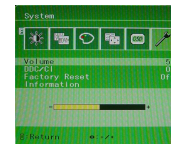
You will find that the OSD is very easy to use. You can identify the function of a button through the corresponding icon displayed on the pop-up window of OSD. Now there are 3 pictures, which show that a button represents different functions in different levels of the architecture.




First Level



Second Level




Third Level

1. Press  button to start.
2. Press any of the rest 4 buttons to activate the OSD menu.
3. Press the corresponding function icon button on the pop-up window of the OSD.

Customizing your Monitor

The On Screen Display (OSD) system provides a full range of customizable tools to optimize your display.

Important:

Although you could perform comprehensive customization, we strongly recommend that you use the “AUTO ADJUSTMENT” function.
It can utilize the default values to thoroughly optimize the performance of the display. Activate the OSD menu. Select the second button on the right  to activate the “ATUO ADJUSTMENT” function.


Important:


In addition, we have also prepared other relatively simple methods to change the display modes. There are 4 modes, which include: GENERAL, MOVIE, PICTURE, GAME.




Hotkeys Introduction

1.Auto Adjustment


T900HD/T902HD: Press the second button on the right , and need to press this button for at least 3 sec when the menu OSD is un-displays.

T900HDA/T902HDA: Press the second button on the right , need to press this button when the menu OSD is un-displays.




2.Volumn Control (Audio matching)

When OSD menu is un-displays, press  to adjust volume directly, then press  or  to adjust the volume of sound.

3.Input Menu




T900HD/T902HD (dual model only), input hot key need to press , but users need to press the button for less than 3 sec when menu OSD is un-displays.



4.Theme Mode Menu

When menu OSD is un-displays, press the second button on the left  to shift the mode. You may press  and  to make adjustments between 4 modes.

Press the fourth button on the left  to confirm.








5.Main Menu

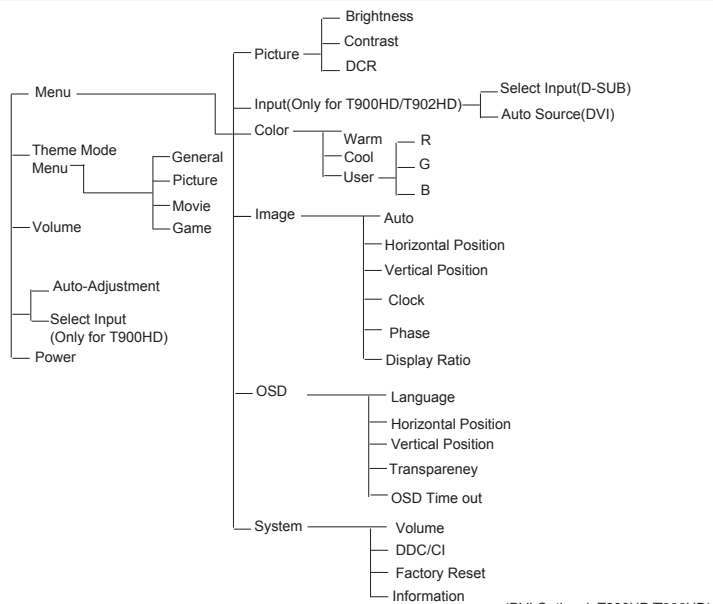
When menu OSD is un-displays, press the first button on the left  to enter the main menu. And then press  or  to select the option.

Press the fourth button on the left  to enter into the option. Press the first button on the left  to leave.





Function Keys Operation



According to the tree-like directory, you can discover the whole OSD system is like a map. This tree-like directory can help you to become aware of the whole system. During the whole process, you need to know the following actions.

1. Activate the OSD main menu: Under the energized condition, press any function key to execute the function.
2. Confirm the selection: Press the  button.
3. Browse the previous or next option: Press  and .
4. Adjust the option value: Press  and  to adjust the value.
5. Return to the higher level menu. Press  to return to the higher level.
6. Exit: Press  to exit OSD menu; Or if you do not press any button, it will automatically disappear after 20 seconds(default).




OSD Icon List

Icon	Functions	Detail
	PICTURE SETTING	<ul style="list-style-type: none"> * Brightness: adjust the luminance level of the screen * Contrast: adjust the contrast level of the screen. * DCR: adjust the DCR level of the screen.
	INPUT SIGNAL SELECT (Optional: T900HD/T902HD)	<ul style="list-style-type: none"> * Select Input : select input signal (dual model only). * Auto Input : select auto input for the monitor to automatically select the signal source.
	COLOR TEMPERATURE SELECT	<ul style="list-style-type: none"> * Select the setting of screen color-Cool, Warm or User. * Cool: Select the setting of screen color to be bluish white. * Warm: Select the setting of screen color to be reddish white. * User: Set R,G,B by user.
	OSD MENU SETTING	<ul style="list-style-type: none"> * Language : set OSD language. * H Position : adjust OSD horizontal position. * V Position : adjust OSD vertical position. * Transparency : adjust OSD transparency. * OSD Time Out : set the time how long OSD menu will disappear without any key touch.

Icon	Functions	Detail
	IMAGE SETTING	<ul style="list-style-type: none"> * Auto adjustment: optimize the picture performance automatically. * H. Position: shift the screen left or right. * V. Position: shift the screen up or down. * Clock: adjust the monitor internal sampling clock rate. * Phase: adjust the signal phase. * Display Ratio: choose video ratio. <p>For the first time using this monitor with the resolution of 1360 x 768, the default Display Mode is Native. (Full: full screen ;Native: shrink or enlarge H Display ratio base on V Display ratio.)</p>
	SYSTEM SETTING	<ul style="list-style-type: none"> * Volume: adjust the volume level of the monitor. * DDC/CI: select turn on or turn off DDC/CI function. * Factory reset: default on * Information: show the frequency, resolution.



Troubleshooting

Symptom	Check Items
1.No picture 2.LED indicator is not lit	1. Check if the monitor is turned on (press the button  again). 2. Check if the power cord is properly connected to the monitor and power outlet. 3 .Check if there is electricity coming from the power outlet (use another device to check for power).
1.No picture 2.LED indicator is orange	1. Check if your computer is turned on. 2. Ensure the computer is not in power saving mode (move the mouse or press a key on the keyboard to wake up the computer). 3. Check if the video signal cable is properly connected to the monitor and computer.
Picture shows “ No Signal ”	1. Check if your computer is turned on. 2. Check if the video signal cable is properly connected to the monitor and computer.
Picture shows “ Input Not Supported ”	Ensure that the resolution and/or refresh rate is set correctly.

Important

Make sure your display setup is under 1366*768,60Hz



Technical Features and Specifications

Item		Description
Panel	Display Size	409.8(H)x230.4(V)mm
	Pixel Pitch	0.3(H)*0.3(V)mm
	Resolution (max.)	1366*768
Connector	Analog	D-sub
	Digital	DVI-D(Optional)
Tilt	Tilt Angle	-5°~22°
Dimensions (W x H x D)	Net	443 (W) x 361 (H) x 71 (D) mm
Weight	Net	3.6kg
Power	AC	AC 100~240V, 50Hz/60Hz,1.2A
	Consumption	Active:<25W/Standby:<2W
	Speaker	1W*2
Operating Condition	Temperature	0°C to 40°C
	Humidity	20% to 80% (No Condensation)
	Altitude	Under 10,000 fts
Storage Condition	Temperature	-20°C to 60°C
	Humidity	5% to 80% (No Condensation)
	Altitude	Under 30,000 fts

Interface Frequency

1. The following frequency range is the working period. If the entered mode between below period but not match the frequency of supported timing, display optimization would not be assured. If the entered mode is out of the working period, the display will be blanking (just show "Input Not Supported") then go to power saving.
2. Basically, mode judgment is regardless the sync polarity except both or more modes that are all belong to the supported timing list and could be judged by sync polarity only.
3. In the meantime, real entered frequency of the supported timing is not requested exactly.
4. Normalization of VGA card' s deviation will be acceptable.
5. Horizontal Frequency 30 ~ 83KHz
6. Vertical Frequency 50 ~ 76Hz(T900HD&T900HDA); 56 ~ 76Hz(T902HD&T902HDA).



Input Preset Model				
No.	Resolution	Pixel clock (MHz)	H-sync (KHz)	V-sync (Hz)
1	640x350	25.18	31.47	70.09
2	640x480	25.17	31.47	59.94
3	640x480	31.5	37.5	75
4	720x400	28.32	31.47	70.08
5	832x624	57.27	49.71	74.53
6	800x600	40	37.88	60.32
7	800x600	49.5	46.88	75
8	1024x768	65	48.36	60
9	1024x768	80	60.24	74.93
10	1024x768	78.75	60.02	75.03
11	1152x720	66.75	44.86	60
12	1280x720	74.25	45	59.94
13	1280x720	74.5	44.77	59.86
14	1280x720	95.75	56.46	74.78
15	1280x768-R	68.25	47.4	60
16	1280x768	79.5	47.78	59.87
17	1360x768	85.5	47.71	60.01
18	1366x768	85.5	47.71	59.79

