

Warning statement

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment .

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 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.

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Important Safty Instructions

- 1. Read the manual carefully before using the monitor.**
- 2. Save the user manual for later use.**
- 3. Unplug the monitor from the power source when you clean the monitor. Don't use liquid cleaners or aerosol cleaners. Use cloth to clean it. If it doesn't do, please use LCD screen cleaners.**
- 4. Don't use attachments not recommended as they may cause hazards.**
- 5. Please grasp the plug to unplug the connector from the wall outlet. Don't pull the power cord to unplug it.**
- 6. Don't place anything on the power cord or step on it.**
- 7. Don't place the monitor near water source such as bathtub, washbowl, sink, laundry tub, swimming pool etc.**
- 8. The slots are designed for ventilation, simultaneously to keep the machinery workable and protect it from overheating. For the same reason, please do not place the monitor on the bed, sofa, carpets or other similar surface. Don't place the monitor near or over heat source or place in built-in installation.**
- 9. Keep 5 cm away from the wall or other goods.**
- 10. This monitor can only use the power source indicated on the label. If you have questions, please consult your dealer.**
- 11. As safety measure, this monitor is equipped with a three-wire ground style plug. If you can't insert the plug into outlet, contact your electrician to replace your outlet. Don't defeat the safety purpose of the grounding- type plug.**

12. Please make sure that the outlet and power cord can afford the total electricity of the products.
13. Place the monitor in safe place where the cord will not be abused by persons working on it.
14. Follow all the warnings and instructions illustrated on the manual.
15. Don't overload the wall outlets and extend cords as this can result in fire or electric shocks.
16. Don't remove or open the cover to service this monitor yourself. It may expose you to dangerous voltage or other hazards before all servicing to qualified service personnel.
17. Unplug this monitor from the outlet and refer servicing to qualified service personnel under the following conditions.
 - The power cord is frayed or damaged.
 - The monitor has been dropped or the cabinet has been damaged.
 - When the monitor displays a distinct change in performance ,this indicates a need for service.
18. The power cord is the main device to disconnect the power.
19. Unplug the power cord when you do not use it for a long time.
20. Place the monitor in good ventilation and protect it from strong light, overheating and damp environment.
21. This monitor must be stored in temperature $-20^{\circ}\text{C} \sim 55^{\circ}\text{C}$. Otherwise, it may cause permanent damage.

1. Introduction

1.1 General Information

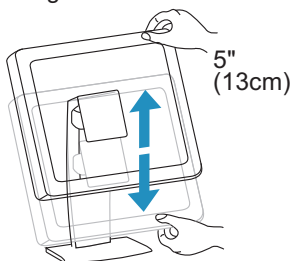
This new display is a kind of display device with high-performance intelligent multifrequency scanning and high-performance multimedia broadcasting function. Except all functions of current VESA standard display, it may simultaneously provide multimedia broadcasting functions, like AVI, MP4 and other formats of video movies. Independent MP3 as well as picture browsing and picture background browsing MP3 functions can bring you highly enjoyment. With 24 " active matrix Thin Film Transistor (TFT) display screen, microcomputer MCU digital technology control, low radiation, and no dazzle. Compact, thin and portable. With built-in power source. A preferred choice for your limited space.

1.2 Features

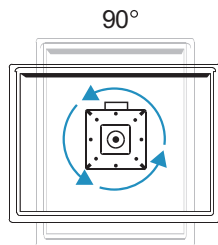
- The best working mode: 1920 × 1200@60Hz
- Viewable angle: H,160° V,160°
- Active area: 518.4mm × 324.0mm
- Pixel pitch: 0.27mm × 0.27mm
- Max.Brightness: 400cd/m²
- Max.Contrast: 1000:1
- Response time t_r+t_d : 5ms
- Color: 16.7M
- Power saving compliant with EPA energy star and VESA DPMS.
- Auto color balance: When connected to different graphic adapter, the monitor can calibrate the white and black reference voltage.
- Plug & play: Compatible with Windows9X&ME&NT&2000&XP and VESA DDC1/2B.

- ① Greater range of movement of the LCD display .
- ② This reduces fatigue and possible musculoskeletal disorders of the neck and shoulder.
- ③ With fingertip effort, you can raise or lower your display five inches(130 mm), pan right/left, tilt forward/back, or rotate 90° for portrait/landscape viewing.
- ④ Advanced lift-and-pivot motion technology produces smooth, easy adjustment.

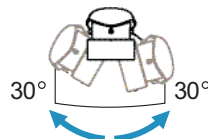
Range of Motion:



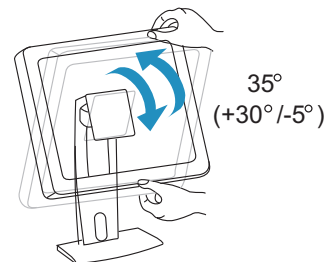
height adjustment



portrait/landscape



right/left pan



forward & back tilt

1.3 Check the list

Please make sure that all of the following items are included before operating this monitor,

- LCD monitor(include base)
- Power cord, VGA signal cable, DVI-D signal cable (optional), four bolts (there are used to connect the base and stand), Audio cable(optional)
- User's manual
- Remote control

If any of above listed items are missing, please contact your dealer for technical support.

2. Installing the monitor

Please consider the following advice before you install your monitor.

Position

Choose a place that reflects less to place your monitor. Generally ,there is a suitable angle with a window.

Highness

The peak of the monitor should be a little lower than your eyes when you sit down.

Inclination

You will feel comfortable with the sloping screen.

2.1 Base Installation(Fig.1)

1. Take the monitor, base and stand out of the carton.
2. Place the monitor on the desk. Align the VESA holes on the stand with the VESA holes on the rear cover of the monitor, and screw the four bolts into the holes with a screwdriver.
3. Fix the base and stand with screw.

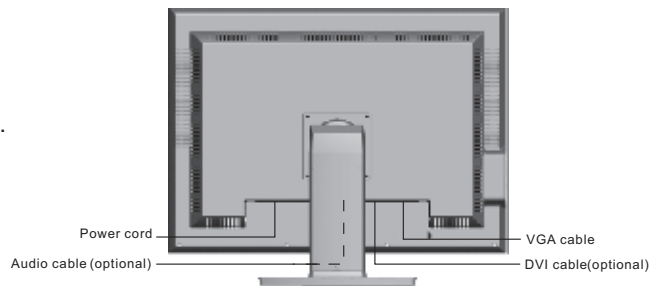


Fig.1

2.2 Wall Mounting with VESA Standard (Fig.2)

1. Screw out the four bolts fixing the stand on the rear cover with a screwdriver. Then the stand and base can be moved away from the monitor.

Remarks: Well keep the stand and base for the usage when wall mounting is no longer needed.

2. Fix the wall-mounting parts (optional parts according with VESA standard) on the rear cover to mount the monitor on the wall.



Fig.2

2.3 Signal Cable Connection

Insert the signal cable into VGA and DVI port of a computer. Then, lockup the cover with screws to assure full connection to the earth. Insert another end of signal cable into the corresponding port (VGA or DVI port) and lock up with screws.

2.4 Audio cable connection

Plug one side of the audio cable into the PC audio port, then plug the other side into the audio port of the monitor.

2.5 Power Cord Connection

Plug one end of the power cord into the input port of the monitor' power supply and then insert the other end into the socket of the electrical source.

2.6 Power on

Switch on the power to both the monitor and your computer. After the monitor is power on, the LED lights up green or blue. If the LED becomes red and flashing, please check the video signal cable connection. If the LED is off, please press power switch slightly.

2.7 Self test pattern

If there is no horizontal or vertical sync signal, your monitor will display Fig.3 to Indicate no signal input. After a few seconds, the monitor will come into waiting and saving power mode; if the monitor receives the video signal, it will return to the normal mode.



Fig.3

2.8 Adjust the picture

In order to obtain the best visual display, you need adjust it, please refer to chapter "3. Basic Operation".

3. Basic Operation

OSD control panel

Fig.4 is model elevation. Other models differ in key-press position and front panel.

3.1 Power on/off switch

This is a slight touch digital control key. It is used to turn the monitor on or off, press "⏻" key on the remote control to turn on or off the monitor too.

3.2 Power LED indicator

When the monitor is working, the power LED is green or blue. If the monitor is in saving power mode, the power LED will be red and flashing. If you turn off the monitor, the power LED will be off. When the LED is off, the monitor is off, but the monitor is still electricized. In order to security, you should unplug the power cord while you don't use the monitor.

3.3 OSD control keys

3.3.1 Auto key

Press the "AUTO" key on the front panel or "SOURCE" key on the remote control to select signal source: VGA, DVI, DPF.

3.3.2 +/- key

These two keys will complete the navigate right or left and choose the control of the menu function. The adjustment value can be set directly by +/- key or press the "Vol+/Vol-" key on the remote control to adjust the audio value. Press "MUTE" key on the remote control to switch volume.

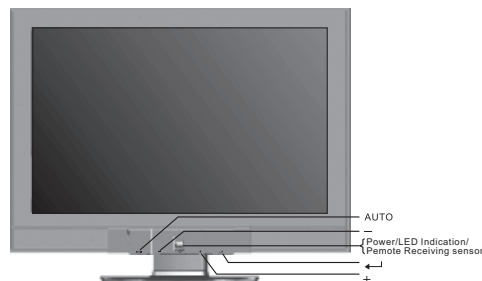


Fig.4

3.3.3 ↵ key

Confirmation key: It can show the menu and complete the confirmation function under the VGA signal source or DVI signal source.

3.4 OSD menu operation

3.4.1 VGA signal source menu operation

Press the "↵" key on the front panel to display OSD menu(Fig.5). Press "+/-" key on the front panel to select item which you wish adjust and press "↵" key to enter. Press "+/-" key to adjust along value after entering.

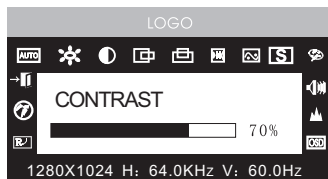


Fig.5 (DVI MODEL)

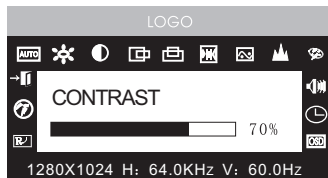


Fig.5 (VGA MODEL)

Icon	Display contents	Function
AUTO	Auto adjustment	Automatically adjust to obtain the best setting
Brightness	Brightness	Adjust the brightness
Contrast	Contrast	Adjust the contrast
H-position	H-position	Move the screen toward left or right
V-position	V-position	Move the screen toward upward or downward
Clock	Clock	Adjust the frequency of pixel
Phase	Phase	Adjust the phase of pixel clock
Sharpness	Sharpness	Adjust the sharpness of the picture
Color	Color	Adjust the colors of the picture
Volume	Volume	Adjust the volume
OSD display time	OSD display time	Adjust the OSD display time
OSD adjustment	OSD adjustment	Adjust the parameter of OSD
Signal source	Signal source	Invalid
Recall	Recall	Reset factory setting
Language	Language	Language selection
Exit	Exit	Exit the menu

3.4.2 DVI signal source menu operation

Press the "←" key on the front panel to display OSD menu(Fig.6). Press "+/-" key on the front panel to select item which you wish adjust and press "←" key to enter. Press "+/-" key to adjust along value after entering.



Fig.6

Icon	Display contents	Function
	Brightness	Adjust the brightness
	Contrast	Adjust the contrast
	Transparency	Setting OSD transparency
	Sharpness	Adjust the sharpness of the picture
9300	9300K	Set 9300K color temperature
7800	7800K	Set 7800K color temperature
6500	6500K	Set 6500K color temperature
USER	User mode	Set user mode
	Volume	Adjust the volume
	OSD display time	Adjust the OSD display time
	OSD adjustment	Adjust the parameter of OSD
	Signal source	Invalid
	Recall	Reset factory setting
	Language	Language selection
	Exit	Exit the menu

3.4.3 VGA signal source and DVI signal source special functions instruction

1. Color adjustment (🗨️): when the function is selected, the monitor will come into the sub-menu (Fig.7), there are five functions that can be selected: a,9300k; b,7800k; c,6500k; d, USER; e, W-B. Selecting USER, you will enter user mode and you can make adjustment to R/G/B values to obtain your satisfying color ; Selecting W-B,it will enter the color balance mode, and the monitor will automatically adjust the white-black color reference voltage to obtain optimal color balance.
2. R/G/B adjustment(🗨️🗨️🗨️🗨️🗨️): In "USER" mode, monitor will automatically enter R/G/B adjustment mode, push "←" key, the relative options will flash, then adjust it by "+/- " key. Then push "←" key again to exit.
3. Language(🌐): There are many languages to select, you can choose the language which you wish.
4. Position of OSD menu(🗨️🗨️): When you select the item, you can adjust H-position and V-position of OSD menu and transparence (Fig.8: VGA、Fig.9: DVI).
5. Sharpness adjustment(🏔️): Adjust the sharpness of the picture on the screen.

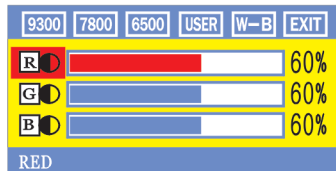


Fig.7



Fig.8 VGA



Fig.9 DVI

3.4.4 DPF signal source operation (Optional)

Install the card reader battery:

Take down the battery cover and install a No. 7 (AAA) 1.5V battery. Note to match the battery polarities with the battery case polarities, and then put on the battery cover.

Interface specifications

There are two interfaces at the lower right part of the machine: the USB interface and the 4-in-1 card jack. You can insert the SD/MMC/MS/XD card into the 4-in-1 card jack, and the USB memory into the USB interface. Below are specifications of the two interfaces:

USB	USB 2.0	1. Supports play of the image file in the JPG format 2. Supports play of the music file in the MP3, WMA or ASF format 3. Supports play of the video file in the DAT, MPG, MPA, MPE, AVI or MP4 format 4. Supports games in the SMF format
4-in-1 card jack	Supports the SD/MMC/MS/XD card	

Remarks:

1. The USB interface and the 4-in-1 card jack interface are optional interfaces.
2. You can perform the following operations only after externally connecting to the above cards.
3. The USB interface can be connected to only the USB disk memory, but not any other peripheral memories at high power consumption such as the mobile hard disk.

Operation Instructions

Press the "SOURCE" key of the remote control or the "AUTO" key on the front panel to select DPF signal source. The screen display DPF signal source menu(Fig.10).

PHOTO

Select the PHOTO icon by pressing the " $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ " key of the remote control, and then enter the PHOTO menu by pressing the "OK" key of the remote control, as shown in Fig.11. Select a folder by pressing the " $\blacktriangle/\blacktriangledown$ " key of the remote control, and open it by pressing the "OK" key of the remote control. Select the desired file or photo by pressing the " $\blacktriangle/\blacktriangledown$ " key of the remote control, and then press the "OK" key. The screen circularly displays all the photos in the folder at the interval of about 5 s. To return to the previous menu, press the "MENU" key of the remote control. After entering the PHOTO menu, you can press the " \blacktriangleright " key of the remote control to display thumbnails of all the photos in this folder. Select the desired photo by pressing the " $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ " key of the remote control, and display it by pressing the "OK" key of the remote control. When the screen is circularly displaying photos, you can press the "OK" key of the remote control to display the Play menu, as shown in Fig.12. Press the



Fig.10

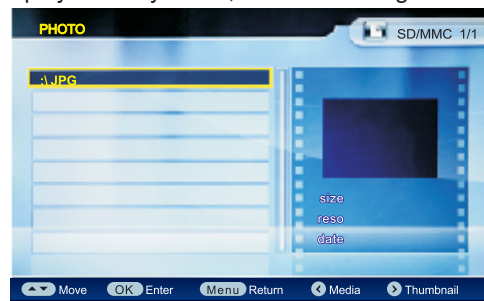


Fig.11

"◀/▶" key of the remote control to select the functional button from the Play menu and perform the related operation.

▶ **Play/Pause:** Select this button, and press the "OK" key of the remote control to start playing or pause.



Fig.12

■ **Stop:** Select this button, and press the "OK" key of the remote

control to stop playing, exit the Play menu and return to the previous menu.

▶ **Next:** Select this button, and press the "OK" key of the remote control to display the next photo.

◀ **Previous:** Select this button, and press the "OK" key of the remote control to display the previous photo.

↺ **Repeat:** Select this button, and press the "OK" key of the remote control to switch the Repeat mode: Single (repeatedly display the same photo), Directory (repeatedly display the photos in a directory), All (repeatedly display all the photos), Close (do not repeatedly display the photos after circularly displaying them once).

🔄 **Rotate:** Select this button, and press the "OK" key of the remote control to open or close the rotating function. When you select to open the rotating function, press the "◀/▶" key of the remote control to rotate the photo, press the "▲" key of the remote control to mirror the photo upward and downward, and press the "▼" key of the remote control to mirror the photo leftward and rightward.

🔍 **Zoom:** Select this button, and press the "OK" key of the remote control to switch zoom multiples(1/4, 1/3, 1/2, 2, 3, 4) and zoom close

To exit the Play menu, press the "MENU" key of the remote control.

In the PHOTO menu, press the "◀" key of the remote control to enter another media menu.

Remarks: You can tune the volume by pressing the "VOL+/VOL-" key of the remote control, press "MUTE" key on the remote control to switch sound too.

MUSIC

Select the MUSIC icon by pressing the "▲/▼/◀/▶" key of the remote control, and then enter the MUSIC menu by pressing the "OK" key of the remote control, as shown in Fig.13. Select the desired folder by pressing the "▲/▼" key of the remote control, and open the folder by pressing the "OK" key. Press the "▲/▼" key of the remote control to select the desired file or song, and then press the "OK" key to display the MUSIC PLAY menu and play this song, as shown in Fig.14. Press the "◀/▶" key of the remote control, and select a functional button from the MUSIC PLAY menu to perform the related operation.



Fig.13



Fig.14

- ◀▶ Repeat: Select this button, and press the "OK" key of the remote control to switch the Repeat mode: Single (repeatedly play the same song), Directory (repeatedly play the songs in a directory), All (repeatedly play all the songs), Close (do not repeatedly play the songs after circularly displaying them once).
- ◀ Previous: Select this button, and press the "OK" key of the remote control to play the previous song.
- ▶ Next: Select this button, and press the "OK" key of the remote control to play the next song.
- ⏸/▶ Play/Pause: Select this button, and press the "OK" key of the remote control to start playing or pause.

- ◀ **Fast Rewind:** Press the "OK" key of the remote control to switch playing and fast rewind speed multiples ($\times 2$, $\times 4$, $\times 8$, $\times 20$).
- ▶ **Fast Forward:** Press the "OK" key of the remote control to switch playing and fast forward speed multiples ($\times 2$, $\times 4$, $\times 8$, $\times 20$).

To exit the Play menu and return to the previous menu, press the "MENU" key of the remote control.

In the MUSIC menu, press the "◀" key of the remote control to enter another media menu.

VIDEO

Select the VIDEO icon by pressing the "▲/▼/◀/▶" key of the remote control, and then enter the VIDEO menu by pressing the "OK" key of the remote control, as shown in Fig.15. Select the desired folder by pressing the "▲/▼" key of the remote control, and open the folder by pressing the "OK" key. Press the "▲/▼" key of the remote control to select the desired file or movie, and then press the "OK" key to play this movie. When the movie is played, you can press the "OK" key of the remote control to display the Play menu on the screen, as shown in Fig.16. Press the "◀/▶" key of the remote control, and select a functional button from the Play menu to perform the related operation.

- ⏮▶ **Play/Pause:** Select this button, and press the "OK" key of the remote control to start playing or pause.



Fig.15



Fig.16

- **Stop:** Select this button, and press the "OK" key of the remote control to stop playing, exit the Play menu, and return to the previous menu.
- ▶ **Next:** Select this button, and press the "OK" key of the remote control to play the next movie.
- ◀ **Previous:** Select this button, and press the "OK" key of the remote control to play the previous movie.
- ▶▶ **Fast Forward:** Press the "OK" key of the remote control to open the fast forward function. Then, press the "▲" key of the remote control to switch fast forward speed multiples ($\times 2$, $\times 4$, $\times 8$, $\times 20$) or close the fast forward function.
- ◀◀ **Fast Rewind:** Press the "OK" key of the remote control to open the fast rewind function. Then, press the "▲" key of the remote control to switch fast rewind speed multiples ($\times 2$, $\times 4$, $\times 8$, $\times 20$) or close the fast rewind function.
- ↺ **Repeat:** Select this button, and press the "OK" key of the remote control to switch the Repeat mode: Single (repeatedly play the same movie), Directory (repeatedly play the movies in a directory), All (repeatedly play all the movies), Close (do not repeatedly play movies).

Press the "MENU" key of the remote control to exit the Play menu, and press this key again to return to the previous menu.

In the VIDEO menu, press the "◀" key of the remote control to enter another media menu.

SLIDE SHOW

Select the SLIDE SHOW icon by pressing the "▲/▼/◀/▶" key of the remote control, and then enter the SLIDE SHOW menu by pressing the "OK" key of the remote control, as shown in Fig.17. Select the desired folder by pressing the "▲/▼" key of the

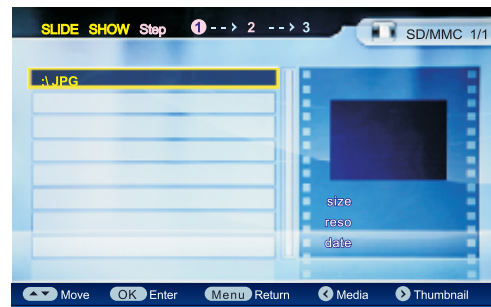


Fig.17

remote control, and open the folder by pressing the "OK" key. Press the "▲/▼" key of the remote control to select the desired file or slide show, and then press the "OK" key to play this slide show. When the slide show is being played, you can press the "OK" key of the remote control to display the Play menu, as shown in Fig.18. Press the "◀/▶" key of the remote control, and select a functional button from the Play menu to perform the related operation.

⏮/▶ Play/Pause: Select this button, and press the "OK" key of the remote control to start playing or pause.



Fig.18

- **Stop:** Select this button, and press the "OK" key of the remote control to stop playing, exit the Play menu, and return to the previous menu.
- ▶ **Next:** Select this button, and press the "OK" key of the remote control to display the next photo.
- ◀ **Previous:** Select this button, and press the "OK" key of the remote control to display the previous photo.
- ↺ **Repeat:** Select this button, and press the "OK" key of the remote control to switch the Repeat mode: Single (repeatedly display the same photo), Directory (repeatedly display the photos in a directory), All (repeatedly display all the photos), Close (do not repeatedly display the photos).
- 🔄 **Rotate:** Select this button, and press the "OK" key of the remote control to open or close the rotating function. When you select to open the rotating function, press the "◀/▶" key of the remote control to rotate the photo, press the "▲" key of the remote control to mirror the photo upward and downward, and press the "▼" key of the remote control to mirror the photo leftward and rightward.
- 🔍 **Zoom:** Select this button, and press the "OK" key of the remote control to switch zoom multiples(1/4, 1/3, 1/2, 2, 3, 4) and zoom close

Press the "MENU" key of the remote control to exit the Play menu, and press this key again to return to the previous menu.

When the Play menu is displayed, you can press the "▶" key of the remote control to display all the file thumbnails of this folder, or press the "◀" key of the remote control to enter another media menu.

CLOCK/DATE

Select the CLOCK/DATE icon by pressing the " $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ " key of the remote control, and then enter the CLOCK/DATE menu by pressing the "OK" key of the remote control, as shown in Fig.19. Press the " $\blacktriangleleft/\blacktriangleright$ " key of the remote control to adjust the month, press the " $\blacktriangle/\blacktriangledown$ " key of the remote control to select a background music or press the "OK" key to suspend or play the music. To exit the menu, press the MENU key.

Remarks: You can adjust the function in the CLOCK/DATE menu only after installing a battery in the machine.



Fig.19

SETUP

Select the SETUP icon by pressing the " $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ " key of the remote control, and then enter the SETUP menu by pressing the "OK" key of the remote control, as shown in Fig.20. Press the " $\blacktriangle/\blacktriangledown$ " key of the remote control to select Photo, Video, Clock or System, and then press the " \blacktriangleright " key to enter the related sub-menu.

If you select Photo, press the " \blacktriangleright " key of the remote control to enter the Photo sub-menu, consisting of Effect and Frequency. Select Effect, and press the " \blacktriangleright " key of the remote control to enter the Effect sub-menu. Press the " $\blacktriangle/\blacktriangledown$ " key of the remote

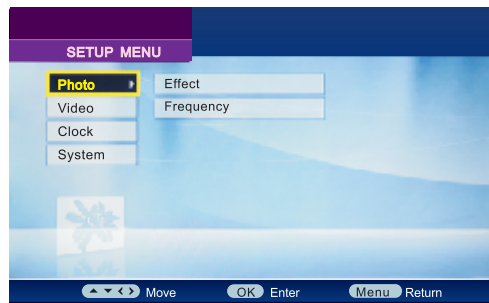


Fig.20

control to select the desired function, and then press the "OK" key to confirm. To return, press the "◀" key. Select Frequency, and press the "▶" key of the remote control to enter the Frequency sub-menu. Press the "▲/▼" key of the remote control to select the desired function, and then press the "OK" key to confirm. To return to the previous menu, press the "◀" key.

If you select Video, press the "▶" key of the remote control to enter the Video sub-menu. Press the "▲/▼" key of the remote control to select Brightness, Contrast, Hue, Saturation or Sharpness, and then press the "OK" key of the remote control to enter the adjustment menu, as shown in Fig.21. Press the "◀/▶" key of the remote control to adjust the analog quantity. To return, press the "OK" key of the remote control. To return to the previous menu, press the "◀" key of the remote control.



Fig.21

If you select Clock, press the "▶" key of the remote control to enter the Clock sub-menu. Select Date, and press the "▶" key of the remote control to adjust the date. Move the cursor by pressing the "◀/▶" key of the remote control and adjust the number by pressing the "▲/▼" key of the remote control. Finally, press the "OK" key of the remote control to return. Select Time, and adjust time by pressing the "▶" key of the remote control just as you adjust the clock. To return to the previous menu, press the "◀" key of the remote control.

If you select System, press the "▶" key of the remote control to enter the System sub-menu. Press the "▲/▼" key of the remote control to select the OSD Language, Default, or S/W Version menu item. Select OSD Language, and press the "▶" key of the remote control to enter the OSD Language sub-menu. Press the "▲/▼" key of the remote control to select Chinese or English. Then, press the "OK" key of the remote control to return.

Select the Default menu item, and press the "▶" key of the remote control to enter it. Press the "OK" key of the remote control to restore the factory settings and return to the previous menu. When you select the S/W Version

menu item, the screen displays the version information of the current software.

GAME

Select the GAME icon by pressing the " $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ " key of the remote control, and then enter the GAME menu by pressing the "OK" key of the remote control, as shown in Fig.22. Press the " $\blacktriangle/\blacktriangledown$ " key of the remote control to select a game file, press the "OK" key to open the file, and then press the "OK" key again to start the game.



Fig.22

Remarks: Due to fast upgrade of the software version, the content of the user manual slightly differs from the actual model description. This is normal. You need to abide by actual operation instructions. For any doubt, please contact the distributor or the After-sales Service Department.

3. 5 Safety mode

When the video signal exceeds the frequency range of the monitor, the monitor MCU will stop horizontal and vertical scanning in order to protect the monitor. Fig.23 will be displayed on the screen. After a few seconds, the monitor will enter turn-off mode. You must restart the computer and reset the frequency range.

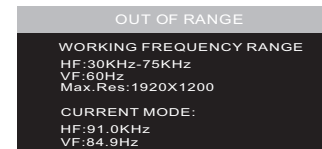


Fig.23

3.6 Timing guide

S/N	Mode	Resolution	刷新率	Available Input Signal
1	VGA	640 × 480	60	VGA, DVI
2	SVGA	800 × 600	60	VGA, DVI
3	XGA	1024 × 768	60	VGA, DVI
4		1280 × 960	60	VGA, DVI
5	SXGA	1280 × 1024	60	VGA, DVI
6	WXGA	1440 × 900	60	VGA, DVI
7	WSXGA	1680 × 1050	60	VGA, DVI
8	UXGA	1600 × 1200	60	VGA, DVI
9	WUXGA	1920 × 1200	60	VGA, DVI

Recommended mode: 1920X1200@60Hz

3.7 Plug & Play

This monitor meets the standard of VESA DDC. When using video card with VESA DDC1/2B, it will auto-scan video frequency, output power, function and other data to PC when computer is on. It will go to proper connector mode and proper resolution frequency.

3.8 Power management

This monitor complies with EPA energy star requirement and meets VESA DPMS standard. The following is the description of the power indicator for the power saving mode (Fig. 24).

MODE	Power indicator	Power consumption
On	Green or blue	<90W
Stand by/suspend	Red flashing	<1W
Off	Off	<1W

Fig.24


4. Specification

Monitor type	TFT LCD
Surface disposal	Anti glary
Active area	518.4mm×324mm
Viewable angle:	
H	160°
V	160°
MAX. Brightness	400cd/m ²
MAX. contrast	1000:1
Response time t_r+t_f	5ms
Max. resolution	1920×1200
Input resistance	75±3 % Ω

Input resistance	75±3 % Ω
H-frequency	30KHz~75KHz
V-frequency	60Hz
Power supply for monitor	100V-240VAC 60Hz/50Hz
Max.consumption	90W
Input connector	15 pins D-Sub or DVI-D
Power saving control	Yes
Comply with EPA energystar standards	Yes
Comply with European CE	Yes
Plug & Play	Yes
Environment Atmosphere pressure Operating temperature and humidity Storage temperature and humidity	86kpa~104kpa 5℃~40℃ 10%~85% -20℃~55℃ 5%~95%
Dimension(L×W×H) Unpacking Packing	518×88×(470~600)mm ³ 655×190×525mm ³
Weight Net weight Gross weight	9.0kg 11.0kg

Note:This specification is subject to change without notices. If there are differences between manual and real operation, please do according to real operation.

5. Simple troubleshooting

Symptom	Solution
1. No picture/no LED	Check if the power cord, the monitor, and the power plug are well connected. Check if the monitor is off.
2. No picture/LED red flashing	Check if the PC video card and signal cable are well connected and check if signal cable well connected with monitor.
3. Picture faintness, too big or too small	In OSD menu, select “  ” to make the monitor adjust automatically.
4. Picture too dark	Push “+/-” key to adjust contrast and brightness.
5. Overheating	Keep 5cm away from other goods for ventilation. Don't put anything on the monitor.
6. Bright or dark spot	It's normal phenomena. Eliminate the bright or dark spot in 20 minutes after turning on the monitor.
7. Picture distortion and flicker	Check the PC setting, select the proper resolution and adjust refresh frequency.
8. Short of color	Check if the signal cable pins are twisting or broken.
9. Noise signals at turning off	There may be noise signals during turning off the monitor. This is caused by electrical release and so is normal.