SF-MNTXX-FHD-V2 Series LED Monitor

User Manual

Foreword

General

This manual describes the functions, operations, and precautions of the SF-MNTXX-FHD-V2 Series LED Monitor Devices (hereinafter referred to as the "Devices"). Please read the device carefully before using it, and keep the instructionmanual for future reference.

Models

This manual is applicable to SF-MNTXX-FHD-V2 series monitor models.
Includes: SF-MNT32-FHD-V2 and SF-MNT43-FHD-V2.

Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
DANGER	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
CAUTION	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable results.
TIPS	Provides methods to help you solve a problem or save time.
NOTE	Provides additional information as a supplement to the text.

Privacy Protection Notice

As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to be in compliance with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures which include but are not limited: Providing clear and visible identification to inform people of the existence of the surveillance area and provide required contact information.

About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.

- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the paper user's manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.
- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation.
- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

Important Safeguards and Warnings

This section introduces content covering the proper handling of the device, hazard prevention, and prevention of property damage. Read carefully before using the device, and comply with the guidelines when using it.

Operation Requirements

WARNING

- Do not tread on or squeeze the power line, especially the plug or connection point of the power line to the product.
- Please firmly grasp the plug of the connecting line when inserting and removing.Pulling the connecting line might cause damage to it.
- Turn off the power when cleaning the product.
- Do not touch any fixed components inside the product. Failure to do so can result in damage to the product or person.

CAUTION

- Make sure that the power supply of the device works properly before use.
- Do not pull out the power cable of the device while it is powered on.
- Only use the device within the rated power range.
- Transport, use and store the device under allowed humidity and temperature conditions.
- Prevent liquids from splashing or dripping on the device. Make sure that there are no objects filled with liquid on top of the device to avoid liquids flowing into it.
- Do not disassemble the device.
- Notice and observe all the warnings and illustrations.
- Make sure the power is turned off and the connecting lines are removed when moving the product.
- Do not use uncertified connecting lines, which might cause equipment failure.
- Avoid collisions with the product. This may cause equipment failure.
- Please turn off power for safety if not using the product for a long time.

Installation Requirement

WARNING

- Connect the device to the adapter before power on.
- Strictly abide by local electrical safety standards, and make sure that the voltage in the area is steady and conforms to the power requirements of the device.
- Do not connect the device to more than one power supply. Otherwise, the device might become damaged.

- Do not hang or lean on the product. Doing so can cause the product to fall or become damaged. It may also cause injury to people. Pay special attention when children are nearby.
- If the product is installed on the wall, please make sure the wall's load bearing capacity is sufficient. To avoid falling and injuring people, install according to the included instructions with mounting hardware.
- Do not put the product in flammable or corrosive gaseous environment, which may cause fire or damage the product. Placing the product in proximity to flammable gas can easily result in a dangerous explosion.

⚠ CAUTION

- Observe all safety procedures and wear required protective equipment provided for your use while working at heights.
- Do not expose the device to direct sunlight or heat sources.
- Do not install the device in humid, dusty or smoky places.
- Install the device in a well-ventilated place, and do not block the ventilator of the device.
- Use the power adapter or case power supply provided by the device manufacturer.
- Do not use damaged or improper power socket, and ensure that the plug and socket are connected properly.
- Connect class I electrical appliances to a power socket with protective earthing.
- Do not block the ventilation opening. Install the product according to this handbook.
- Do not place any items on the product. The product may be damaged if foreign objects enter the internal unit.
- Failure to properly secure all screws during installation can result in a fall of the product.Ensure all mounting hardware and other installation accessories are properly secured during installation.
- mounted height <2m
- This LED monitor must be connected to a three pin socket outlet for safety.
- Only use 100-240VAC, 50/60Hz power supply.

Maintenance Requirements

⚠ WARNING

- Cut off power and the connecting line immediately and contact the after-sales service center if the product or the connecting line is damaged for some reason. Continued use without maintenance might cause smoking or off-odor.
- Please turn off power or unplug the power cable immediately if there is smoking, off-odor, or abnormal noise. Contact the after-sales service center for maintenance after confirming there is no more smoke or odor. Further use could result in fire.

⚠ CAUTION

- Do not adjust, maintain or modify if you do not have appropriate qualifications.
- Do not open or remove the rear cover, box or cover board of the product. Please contact the dealer or after-sales service center when in need of adjustment or maintenance.
- Only qualified service people can maintain. If the product gets any kind of damage, such as damage to the plug, foreign matter or liquid into the unit, exposure to rain or humidity, loss of function, or dropped, please contact dealer or after-sales service center.
- Be careful during maintenance of product even if the power is off. Some components are equipped with UPS, and can continue to supply power which is dangerous to people.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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Mounting and Connecting

1. Packing List

SF-MNT32-FHD-V2

Figure 1-1 Packing List

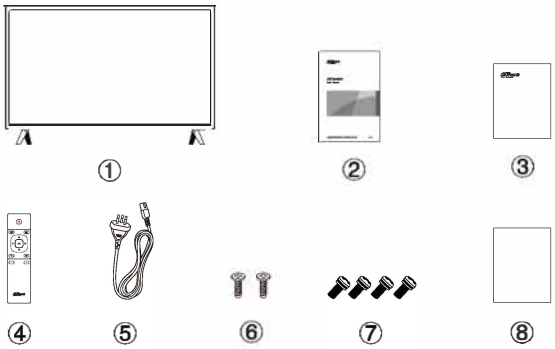


Table 1-1 Packing List

No.	Meaning
①	The LED monitor(with base)
②	User Manual
③	Remote control
④	Legal and regulatory information
⑤	Power cord (or attached to LED monitor)
⑥	Base screws(ST4×15mm flat tail self-tapping screws 2pcs)
⑦	Wall mount screws(M4×8mm Machine screws 4pcs)
⑧	QSG

NOTE

The above appendix products are for reference only, the supporting products of different models of monitors may be slightly different from those in the figure. and everything is subject to reality.

SF-MNT43-FHD-V2

Figure 1-2 Packing List

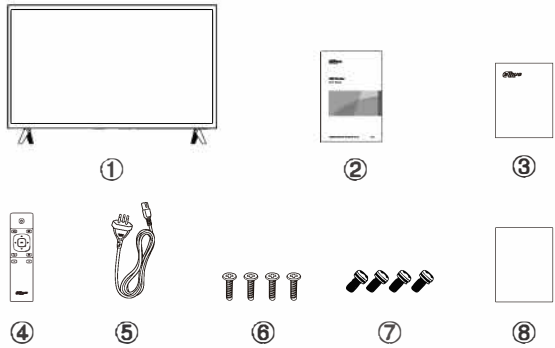


Table 1-2 Packing List

No.	Meaning
①	The LED monitor(with base)
②	User Manual
③	Remote control
④	Legal and regulatory information
⑤	Power cord (or attached to LED monitor)
⑥	Base screws(ST5×15mm flat tail self-tapping screws 4pcs)
⑦	Wall mount screws(M6×10mm Machine screws 4pcs)
⑧	QSG

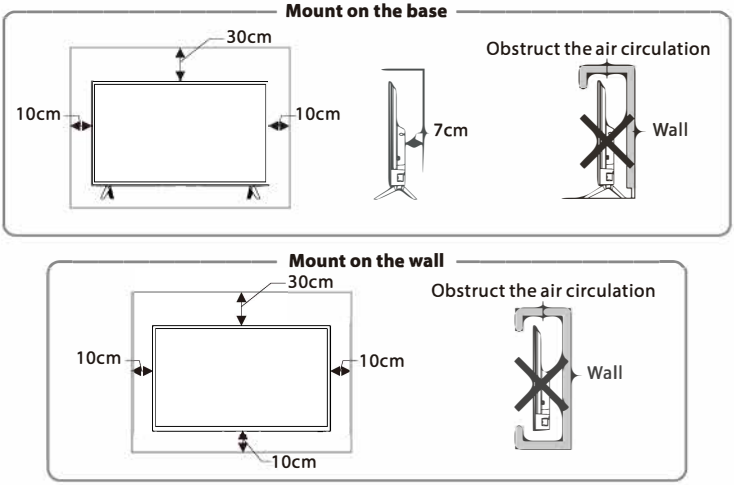
NOTE

The above appendix products are for reference only, the supporting products of different models of monitors may be slightly different from those in the figure, and everything is subject to reality.

2. Mounting the LED monitor

Tips on Installation

- The LED monitor should be mounted near the AC power socket for easy plugging and unplugging.
- For your safety, please select appropriate wall mount bracket or base.
- To avoid hurt, it is required to place the LED monitor on stable plane, or fix on firm wall.
- Ask qualified personnel to mount the LED monitor on the wall. Improper mounting may result in instable LED monitor.
- Do not place the LED monitor at any place susceptible to mechanical vibration.
- Do not place the LED monitor at any place that insects may enter.
- Do not mount the LED monitor against air conditioner, or else the internal panel of the display may condense moisture and cause failure.
- Do not place the LED monitor at any place with strong magnetic field, or else it may be interfered with and damaged by electromagnetic wave.



Ventilation

- Please keep this space at least around the LED monitor, as shown in the figure.
- Do not cover the air vents or insert any object into the enclosure.
- Do not put the device in limited space, e.g. bookcase or embedded closet, unless the LED monitor is properly ventilated.

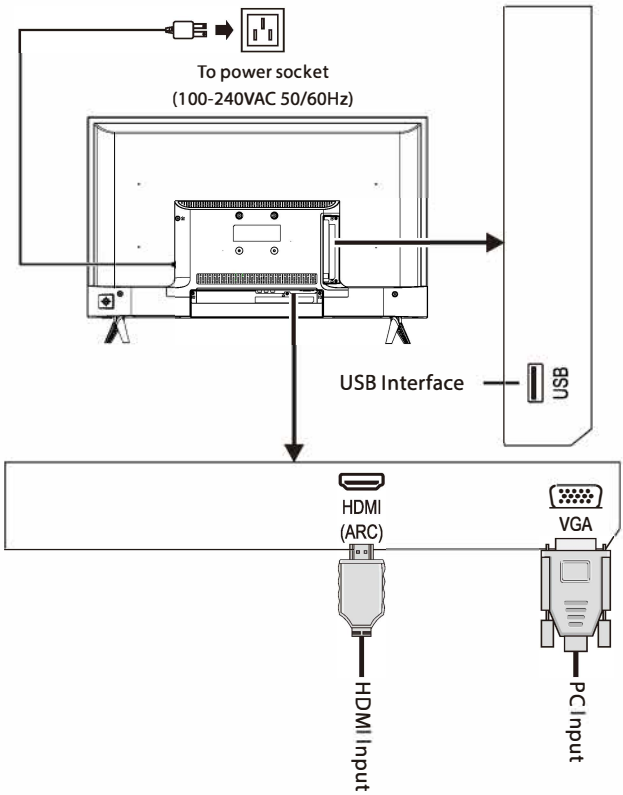
3. Connecting peripheral equipment

Remark:

1. When you need to connect the device which support the ARC function, please select the HDMI interface.
2. HDMI connector can realize DVI connector function with external HDMI/DVI commutator.
3. The peripheral equipment and cables described in this manual should be purchased separately.

SF-MNT32-FHD-V2

Figure 3-1 Input and output interface

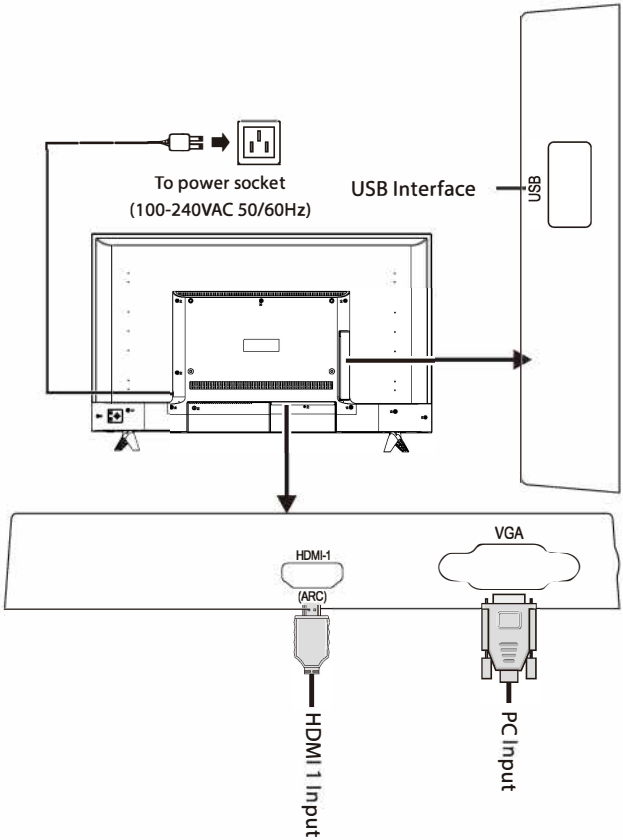


NOTE

The above ports are for reference only, the actual ports of different types of monitors may be slightly different from the ports in the figure, and everything is subject to the ports and functions of the actual product.

SF-MNT43-FHD-V2

Figure 3-2 Input and output interface

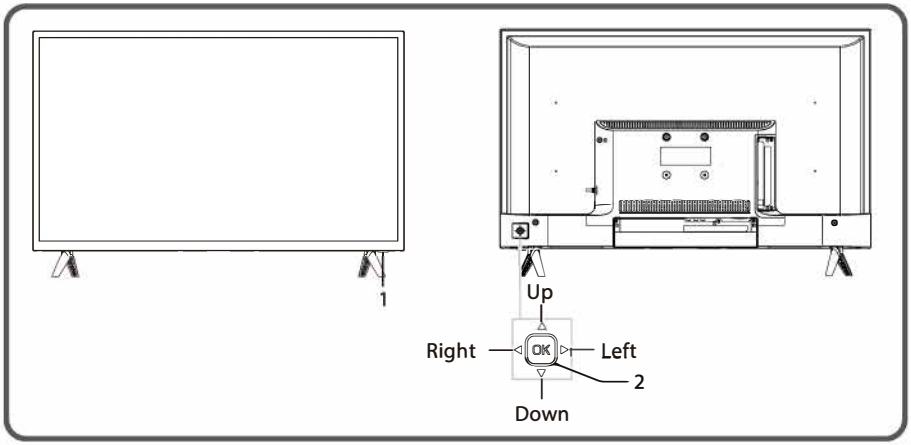


NOTE

The above ports are for reference only, the actual ports of different types of monitors may be slightly different from the ports in the figure, and everything is subject to the ports and functions of the actual product.

Panel Control Keys

SF-MNT32-FHD-V2



1. Power LED indicator and remote receiving window.
2. Rocker button combination key:

Power on or standby with **OK** rocker:

①. When Plugged power cord into the electrical socket, you can press **OK** rocker to turn on the LED monitor.

②. In power on state, press **OK** rocker to display the function menu, then move rocker Left/Right to select ⏻ and press **OK** rocker to switch to standby mode.

After turn on the LED monitor, Press **OK** Rocker:

①. In non-OSD menu operation, press **OK** rocker to display the menu which includes 4 sorts: Menu, Input Source, Power, Exit. During the menu operation, press **OK** rocker to confirm the operation, the function is the same with pressing [**OK**] key on the remote control.

②. Under the non USB source menu, long press **OK** rocker 2 seconds to return to previous page.

③. Under the USB source menu, long press **OK** rocker 2 seconds to display the "Input Source" menu on the screen.

Move rocker **Left/Right**:

①. In non-OSD menu operation, move rocker **Left/Right** to decrease/increase the volume, the function is the same with pressing [-]/[+] key on the remote control.

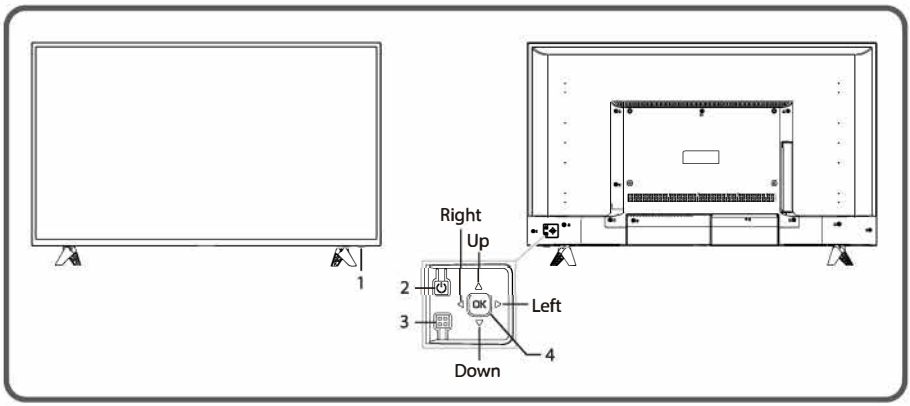
②. In OSD menu operation, move rocker **Left/Right** to adjust the analog value of selected item, the function is the same with pressing [◀]/[▶] key on the remote control.

Move rocker **Up/Down**:

In OSD menu operation, move rocker **Up/Down** to select the adjustment items, the function is the same with pressing [▲]/[▼] key on the remote control.

Note: *Different models may have different appearances; please refer to the actual device.*

SF-MNT43-FHD-V2



1) Power LED indicator and remote receiving window.
2) ⏻ Standby: To switch the LED Monitor on or back to standby.
3) ▪▪ Menu key: Press this key to display the main menu. In OSD menu operation, press this key to return to the previous menu, the function is the same with pressing [▪▪] key on the remote control.
4) Rocker button combination key:

Press **OK** Rocker :

Press **OK** rocker to enter source menu, the function is the same with pressing [⏎] key on the remote control.

Move rocker **Up/Down**:

In OSD menu operation, move rocker **Up/Down** to select the adjustment items, the function is the same with pressing [▲]/[▼] key on the remote control.

Move rocker **Left/Right**:

①. In non-OSD menu operation, move rocker **Left/Right** to decrease/increase the volume, the function is the same with pressing [-]/[+] key on the remote control.

②. In OSD menu operation, move rocker **Left/Right** to adjust the analog value of selected item, the function is the same with pressing [◀]/[▶] key on the remote control.

Note: *Different models may have different appearances; please refer to the actual device.*

NOTE

The above content is for reference only, and everything is subject to actual conditions.

Remote Control

Method for Installation of Remote Control Battery

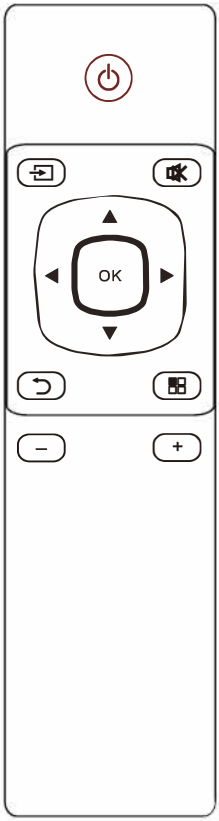
Remove the battery compartment cover and insert two AAA (No. 7, 1.5V) batteries; make sure the polarity
of the batteries is in compliance with the polarity mark "+" and "-" in the battery compartment of the remote
control.

Precautions for using the remote control

- The remote control should be pointed at the remote control sensor during operation. An object placed between the remote control and the remote control sensor may impede normal operation.
- The remote control should be prevented from strenuous vibration. Besides, please do not set or place the remote control under direct sunshine, as heating power may result in deformation of the remote control.
- Remote control failure may occur when the remote control sensor of the main unit is under direct sunshine or strong lighting; in this case, please change the angle of lighting or this LED monitor, or operate the remote control near the remote control sensor.
- Low battery will influence the remote control distance, in which case, the battery should be replaced with a new one. If the remote control is going to be idle for a long time or the battery runs out, please take the battery out to prevent the remote control from being corroded by battery leakage which may result in damage and failure of the remote control.
- Please do not use batteries of different types. It is not allowed to use old and new batteries together; the batteries should be replaced in pair.
- Please do not throw the batteries into fire or charge or decompose the batteries; do not charge, short-circuit, disassemble/assemble, heat or burn used batteries. Please dispose the waste batteries pursuant to relevant regulations on environmental protection.

Note: The appearance of the remote control may be different from this diagram; please refer to the real object as standard.

Keys of the Remote Control



Key	Function
POWER (⏻)	Switch between normal working and standby.
MUTE (🔇)	Turn on/off the sound.
SOURCE( )	Press this key to display signal source selection menu.
RETURN( )	Exit the menu page or return to the previous page under the signal source.
MENU( )	Press this key to call out the main menu.
▲/▼/ ◀/▶	Select items or adjust values.
OK	Confirm the operation.
+	Turn up the volume.
–	Turn down the volume.

Basic Operations

Remark:

1. The following keys operation refers to remote control operation, for panel control keys operation please refer to "Panel Control Keys" operation explanation.
2. The menu operation in this manual uses the example in LED monitor input source; the operations in other input source are same as the LED monitor.

1.Turning on/Standby

Connect the power supply, and press [⏻] key to turn on the LED monitor. (Notice: Please make sure that the power supply is stable)

In power on state, press [⏻] key to switch to standby mode.

★ Special Tips: This device adopts energy saving technology. If there is no signal input in power on state, it will enter standby state automatically in five minutes; The device will enter standby state automatically at specified sleep time;

2.Signal source selection

You can connect various devices to the LED monitor and view high quality images. If the video device has HDMI, VGA or other output ports. You can select one of them and connect to corresponding input ports of the LED monitor. After connected, turn on the device and press [⏎] key to show the "Input Source" menu on the screen; press [▲]/[▼] key to select a signal source. Press [OK] key to switch to the selected signal source.

3.Menu operation description

Press [▦] key to show the main menu on the screen:

1. Press [◀]/[▶] key to select a menu from PICTURE, SOUND, OPTION.
2. Press [▲]/[▼] key to select an item in the menu.
3. Press [OK] key to set or enter the submenu.
4. Press [◀]/[▶]/[▲]/[▼] key to set.
5. When the main menu shows on the screen, press [▦] key to exit the main menu. Press [▦] key to return to previous menu when the LED monitor display the sub-menu.
6. During menu operation, the icons of invalid options will change into grey.

4.USB multimedia function

Please insert USB storage device into USB interface of LED monitor, and select USB as signal source. Enter the USB multimedia center, which includes 4 sorts: PHOTO, MUSIC, MOVIE and TEXT.

Remark:

1. Compatible USB media files: video, audio, picture, and text. The nonstandard USB storage

devices may be incompatible; please replace with standard devices;

2. *Stream media system has limitation on every kind of file format, and will report error if beyond system limit;3. Do not unplug the USB device while playing, or else it will cause system or device error;*
4. *The system supports USB flash drive and removable hard disk with standard USB1.1 and USB2.0 interface transmission protocol. The file format of USB device must be FAT or FAT32, instead of NTFS.*
5. *The USB interface of this LED monitor can supply a voltage of 5V and the maximum current is 500mA; accurate identification of the multimedia player will be affected when a storage device above 500mA is used, which is a normal phenomenon.*

While playing, press [OK] key to show the function menu as in the picture below; press [▼] key to hide the function bar. Select an icon, and press [OK] key to perform the operation.

NOTE

The OSD features in the table above are for reference only and may differ from the actual display, so the OSD features of the actual display shall prevail.

Technical Specifications

Product specifications

Product model		SF-MNT32-FHD-V2	SF-MNT43-FHD-V2
Screen Size		32″	43″
Resolution		1920×1080	1920×1080
Product Dimensions Lifting base	Without base	731×68×433mm	969×73×566mm
	With base	731×177×486mm	969×235×618mm
Environmental conditions	Action	Temperature:0℃~40℃ RH: 10%~85% Atmospheric pressure: 86kPa~106kPa	
	Storage	Temperature: -20℃~60℃ RH: 5%~95% Atmospheric pressure: 86kPa~106kPa	

VGA display mode

NO.	Mode	Resolution	Refresh rate
1	VGA	720×400	70Hz
2		640×480	60Hz
3	SVGA	800×600	60Hz
4	XGA	1024×768	60Hz
5		1280×720	60Hz
6	WXGA	1360×768	60Hz
7		1600×900	60Hz
8	WUXGA	1920×1080	60Hz

Recommended mode:1920X1080@60Hz

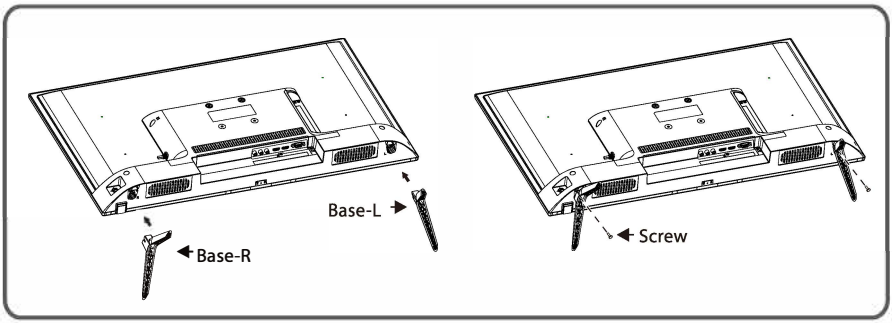
Power management

Mode	Power Consumption	
	32"	43"
Normal working	≤55W	≤75W
Standby	≤0.5W	≤0.5W

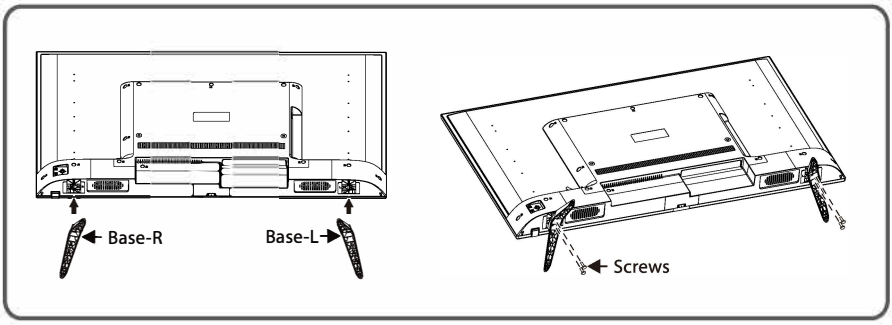
Base Installation Instructions

Put the machine flat first, distinguish left and right base and base installation front and back direction, then install the bases in the bottom of the machine back cover as arrow direction in figure. Align screw holes, then fasten screws (notice that base module has to be adjusted at figure status, otherwise it cannot be installed in.)

SF-MNT32-FHD-V2



SF-MNT43-FHD-V2



Remark: The actual base and machine appearance may be different from pictures; please refer to the actual device.

Installation instructions for Wall-mounted bracket

Notice:
These models are not equipped with a wall mounting device. The installation instructions for the wall mounting device are for reference only, the installation method and accessories are based on the purchased rack.

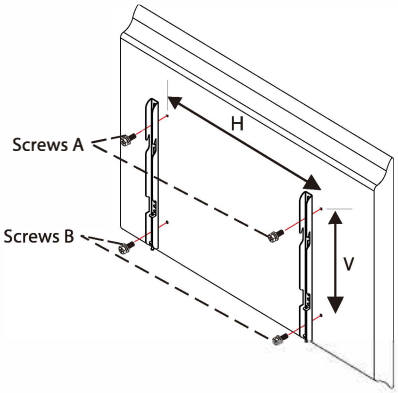
⚠ Warning

- Please purchase a suitable LED monitor wall mount when mounting your LED monitor on the wall.
- Ensure that the bearing capacity of the wall for mount installation is no less than 4 times the weight of the LED monitor and the wall mount so as to avoid falling.
- Please refer to the instructions provided with the LED monitor and wall mount for installation.
- Make sure there is no cable or conduit in the wall section where a wall mount will be installed.

Select the normal viewing area of LED monitor

1. Height The vertical height of the center point of the LED monitor screen from the ground should be in the range of 1m-2m.
2. The normal horizontal viewing area should be within ±60° of the normal horizontal direction of the LED monitor screen.
3. The normal viewing area in the pitch direction should be within ±15° of the normal vertical direction of the LED monitor screen.

⚠ **Note: The installation process requires at least two people!**



SF-MN T32-FHD-V2

Screws A	2×M4	M4×8mm Machine screws(included in accessories)
Screws B	2×M4	

SF-MN T43-FHD-V2

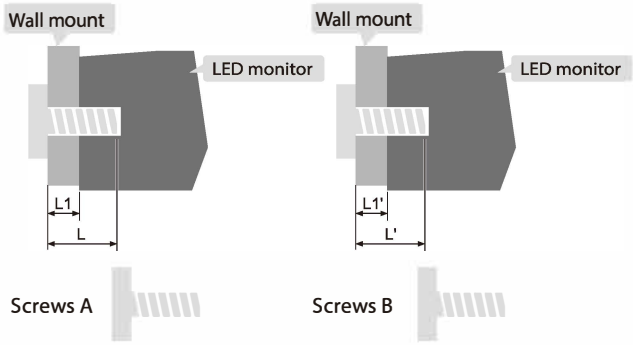
Screws A	2×M6	M6×10mm Machine screws(included in accessories)
Screws B	2×M6	



Wall mount screws (32")(43")

Suggested specification of screw

Distance between holes on the wall (H×V)(mm)	Required screws (recommended bolt length)(mm)
32": 75×75	Screws A: 2×M4 (L=8+L1), Machine screws Screws B: 2×M4 (L'=8+L1'), Machine screws
43": 400 x 200	Screws A: 2 x M6 (8.5+L1≤L≤30+L1), Machine screws Screws B: 2 x M6 (6+L1'≤L'≤9.5+L1'), Machine screws

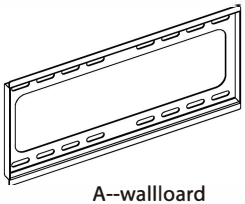


L1: Thickness of wall mount

L1': Thickness of wall mount

The Company is not responsible for any injury or damage caused by improper installation or use of this product! Small accessories and plastic bags, please keep away from children!

- **Main parts**:



A--wallloard
1pcs



B-- Hanging strip
2pcs

- **Assemble the hardware**:

		
b-Wood grain screw 4pcs	c-Expansion rubber plug 4pcs	M8 gasket 4pcs

Step 1: Determine the installation holes in different ways according to different walls
1. Draw the mounting holes on the wall as shown in Figure 1 to determine the level.

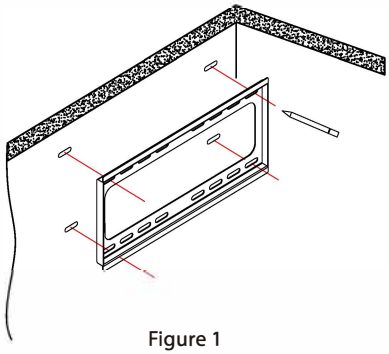
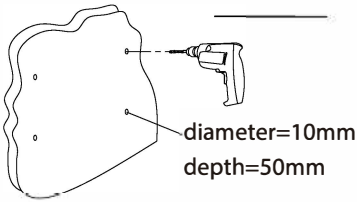
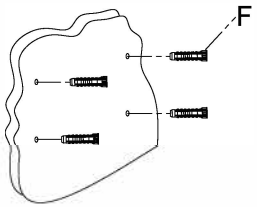


Figure 1

2. Drill holes according to different wall positions
a. Installation method of cement and concrete walls

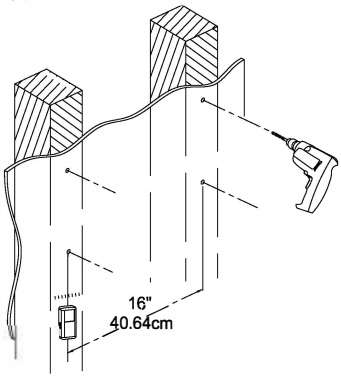


Drill a 50mm hole with a 10mm diameter drill bit



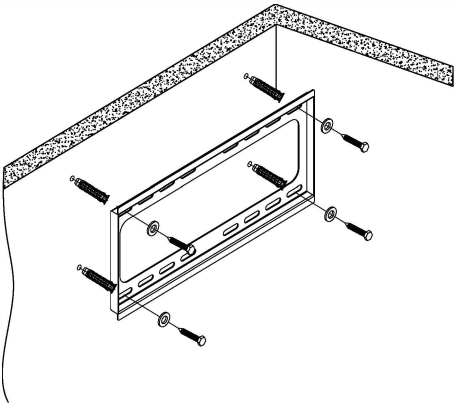
Insert the expansion plug into the hole

b. Wood wall installation method

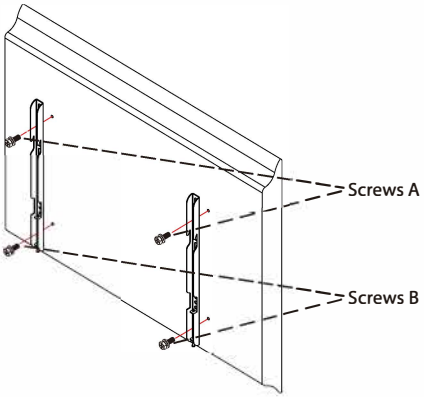


Drill a 50mm hole with a 5.5mm diameter drill bit

Step 2: Mount the product to the wall



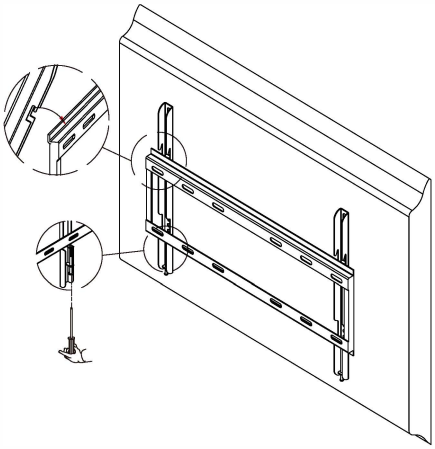
Step 3: Attach the LED monitor connector to the back of the LED monitor



Note:

- Please buy the wall screws according to the actual situation.
- If there are flat tail self-tapping screws in the accessories, please decide whether it is suitable for use according to the actual situation of the wall mount.
- Please choose the screw and gasket corresponding to the screw hole on the back of the LED monitor. Improper selection and forced installation will cause the hole on the back of the LED monitor to be damaged, and improper installation may cause the LED monitor plane to tilt.

Step 4: Hang the LED monitor on th e wall pan el assembly (Hang the LED monitor through the connector on the wall panel assembly until the hook is fully attached)







Notice:This step requires the assistance of two people.

Notice：The installation of LED monitor and this wall mount bracket must have professional technical knowledge, and require at least two professionals to carry out all installation work of this device, do not try to install this device without authorization, so as to avoid misinstallation and possible injury caused by it.

Appendix 1 Troubleshooting

Appendix Table 1-1 FAQ

Faults occurring	Possible solutions
LED monitor image is blurry, and has noise.	1. Use signal amplifier. 2. Enter main menu to reset the sound system.
No screen display, no sound, indicator is off.	Check if the power cord is connected properly.
LED monitor image has point, line or stripe interference.	Do not use hair drier near the device.
Image has no color.	1. Enter main menu to increase the saturation. 2. Enter main menu to change the color system.
LED monitor doesn't have sound.	1. Adjust the volume properly. 2. Press " " key on the remote control to turn on the sound. 3. Enter main menu to change the sound system.
PC doesn't have display, no signal input.	Check whether the signal cable is loose or falls off, and reconnect the cable.
Remote control distance becomes short, out of control.	1. Move the object to avoid blocking the receiver window. 2. Replace the battery.
PC display is blurry.	1. Use automatic adjustment. 2. Use recommended mode.
PC image offset, can't fit the screen or beyond the screen.	1. Use automatic adjustment. 2. Enter "PC Setting" to adjust the vertical or horizontal position. 3. Use recommended mode.
Noise Signals at turning off.	It is normal.
Can't operate the device.	Disconnect the power supply first, and connect the power supply after about 1-2 minutes, then turn on the LED monitor again.

NOTE

The above workarounds are for reference only. If you have any problems, please contact the after-sales service center or find a professional to help.