

i3TOUCH V-SENSE

V5503/ V6503 T10 USER MANUAL





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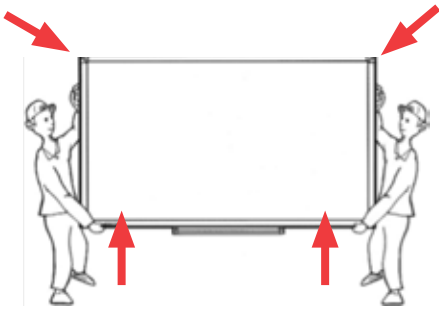
1. Important Safety Instructions

Icons used for safety precautions

ICON	NAMEN	MEANING
	Warning	Failing to follow the precautions marked with this sign may result in a serious injury or even a fatality.
	Caution	Failing to follow the precautions marked with this sign may result in a personal injury or property damage.

After products wrapping paper out , Grasp the upper handle as shown in the image, Go to the bottom bezel.

- The Product must be taken to erect and maintain a horizontal product is stable.
- When put up product the bottom, edge of the portion of product do not.



1.1 Safety Precautions

Note

The color and appearance of the product may vary depending on the model, and the product specifications are subject to change without prior notice for reasons of performance enhancement.

1.1.1 Power Related



Warning

- 1.1.1.1 Avoid using a damaged power cord or plug or a loose power outlet.
 - » Otherwise, it may result in electric shock or fire.
- 1.1.1.2 Avoid connecting multiple electric appliances to a single wall outlet.
 - » Otherwise, it may result in fire due to overheating of the wall outlet.
- 1.1.1.3 Avoid plugging in or unplugging the power supply with wet hands.
 - » Otherwise, it may result in electric shock.
- 1.1.1.4 Plug the power plug in firmly.
 - » Otherwise, it may result in fire.
- 1.1.1.5 Make sure to connect the power cord to a grounded wall outlet(for insulation class 1 equipment only).
 - » Otherwise, it may result in electric shock or injury.
- 1.1.1.6 Avoid bending or twisting the power cord excessively and avoid placing heavy objects on the cord.
 - » Otherwise, it may result in electric shock or fire due to a damaged power cord.
- 1.1.1.7 Keep the power cord and the product away from a heater.
 - » Otherwise, it may result in electric shock or fire.
- 1.1.1.8 If the pins of the power plug or the wall outlet are covered in dust, clean it using a dry cloth.
 - » Otherwise, it may result in fire.



Caution

1. 1.1.9 Avoid unplugging the power plug while the product is operating.
 - » Otherwise, it may damage the product due to electric shock.
1. 1.1.10 Make sure to use only the power cord supplied by our company. In addition, do not use the power cord of another electric appliance.
 - » Otherwise, it may result in electric shock or fire.
1. 1.1.11 When unplugging the power plug from the wall outlet, make sure to hold it by the plug and not by the core.
 - » Otherwise, it may result in electric shock or fire.
1. 1.1.12 Connect the power plug to a wall outlet that can be easily reached.
 - » When a problem occurs with the product, you must unplug the power plug to cut the power off completely. You can not cut the power off completely using only the power button on the product.

1.1.2 Installation Related



Warning

1. 1.2.1 Avoid placing burning candles, mosquito repellent or cigarettes on the product.
 - » Otherwise, it may result in fire
1. 1.2.2 Ask an installation engineer or relevant company to install the product onto the wall
 - » Otherwise, it may result in injury.
1. 1.2.3 Avoid installing the product in a badly-ventilated location such as inside a bookshelf or closet.
 - » Otherwise, it may result in fire due to internal over-heating..
1. 1.2.4 Keep a distance of at least 10cm (3.93 inches) from the wall when installing the product for ventilation.
 - » Otherwise, it may result in fire due to internal over-heating.
1. 1.2.5 Keep the plastic bags used to pack the product away from children.
 - » If children place the plastic bags over their heads, they may suffocate.
1. 1.2.6 Avoid installing the product in a location that is unstable or exposed to excessive vibration such as on an unstable or slanted shelf.
 - » The product may fall and this may result in damage to the product or injury..
 - » If you use the product in a location exposed to excessive vibrations, it may result in a problem with the product or fire.
1. 1.2.7 Avoid installing the product in a location exposed to dust, moisture (sauna), oil, smoke or water (rain drops) and installing it within a vehicle.,
 - » This may result in electric shock or fire.
1. 1.2.8 Avoid installing the product in a location exposed to direct sunlight and installing the product near a heat source such as a fireplace or heater.
 - » This may shorten the product life cycle or cause fire..
1. 1.2.9 Avoid installing the product where children may reach it.
 - » If a child touches the product, the product may fall and this may result in injury.
 - » Since the front part is heavier, install the product on a flat and stable surface.
1. 1.2.10 Bend the outdoor antenna cable downwards at the location where it comes in the house so that rainwater does not flow in
 - » If rainwater enters the product, it may result in electric shock or fire.

1. 1.2.11 Install the antenna far away from any high voltage cables.

» If the antenna touches or falls onto a high voltage cable, it may result in electric shock or fire



Caution

1. 1.2.12 Do not let the product drop while moving it.

» This may result in a problem with the product or injury.

1. 1.2.13 Do not place the product face down on the floor.

» This may damage the panel of the product.

1. 1.2.14 When installing the product on a console or shelf, make sure that the front of the product does not protrude out of the console or shelf.

» Otherwise, this may cause the product to fall off and result in a malfunction or injury.

» Make sure to use a cabinet or shelf suitable to the size of the product.

1. 1.2.15 When putting the product down, handle it gently.

» Otherwise, it may result in a problem with the product or injury.

1. 1.2.16 If the product is installed in a location where the operating conditions vary considerably, a serious quality problem may occur due to the surrounding environment. In this case, install the product only after consulting one of our service engineers about the matter.

» Places exposed to microscopic dust, chemicals, too high or low temperature, high humidity, airports or stations where the product is continuously used.

1.1.3 Cleaning Related



Warning

1. 1.3.1 Before cleaning the product, unplug the power cord.

» Otherwise, it may result in electric shock or fire.

1. 1.3.2 When cleaning the product, do not spray water directly over the product parts.

» Make sure that water does not enter the product.

» Otherwise, it may result in fire, electric shock or a problem with the product.



Caution

1. 1.3.3 Avoid spraying cleansing agent directly onto the product.

» This may result in discoloration or cracking of the exterior of the product or the panel coming off.

1. 1.3.4 When cleaning the product, disconnect the power cord and clean the product with the supplied cleaning cloth.

» Avoid using chemicals such as wax, benzene, alcohol, thinner, mosquito repellent, fragrance, lubrication or cleansing agent when cleaning the product. This may result in the exterior being deformed or the print being removed.

1. 1.3.5 If you can't get the product clean with just the supplied cloth, use a soft, damp cloth with a "monitor-exclusive cleansing agent" and wipe the product with it.

» If no monitor-exclusive cleansing agent is available, dilute a cleansing agent with water at a ratio of 1:10 before cleaning the product.

1. 1.3.6 Since the exterior of the product is easily scratched, be sure to use the supplied cleansing cloth.

1.1.4 Usage Related



Warning

1. 1.4.1 Since a high voltage runs through the product, never disassemble, repair or modify the product yourself.
 - » Otherwise, it may result in fire or electric shock.
 - » If the product needs to be fixed, contact a service centre.
1. 1.4.2 To move the product, turn the power off and unplug the power cord, the antenna cable and any other wires connected to the product
 - » Otherwise, it may result in electric shock or fire due to the damaged power cord.
1. 1.4.3 If the product generates a strange noise, a burning smell, or smoke, unplug the power plug immediately and contact a service centre.
 - » Otherwise, it may result in electric shock or fire,
1. 1.4.4 Avoid letting children hang or climb onto the product.
 - » Otherwise, it may result in the product falling and this may result in injury or death.
1. 1.4.5 If you drop the product or the case is damaged, turn the power off and unplug the power cord. Contact a service centre.
 - » Otherwise, it may result in fire or electric shock.
1. 1.4.6 Avoid placing objects such as toys and cookies on top of the product.
 - » If a child hangs over the product to grab an object, the object or the product may fall and this may result in injury or even death.
1. 1.4.7 When thunder or lightning occurs, unplug the power cord and under no circumstance touch the antenna cable as this is dangerous
 - » Otherwise, it may result in electric shock or fire,
1. 1.4.8 Avoid dropping an object over the product or cause impact to the product.
 - » Otherwise, it may result in electric shock or fire.
1. 1.4.9 Avoid moving the product by pulling the power cord or antenna cable.
 - » Otherwise, it may result in electric shock, fire or a problem with the product due to damage to the cable.
1. 1.4.10 When a gas leak occurs, do not touch the product or the power plug and ventilate immediately.
 - » A spark may result in an explosion or fire.
 - » During a thunder or lightning storm, do not touch the power cord or antenna cable.
1. 1.4.11 Avoid lifting up or moving the product by holding only the power cord or signal cable.
 - » Otherwise, it may result in electric shock, fire or a problem with the product due to damage to the cable.
1. 1.4.12 Avoid using or placing inflammable spray or objects into the product (the vents, ports, etc)
 - » If water or substances enter the product, turn the power off, unplug the power cord and contact a service centre.
 - » Otherwise, it may result in a problem with the product, electric shock or fire.
1. 1.4.13 Avoid placing a liquid container such as a vase, flowerpot, beverage, cosmetics or drugs, or a metal object over the product.
 - » If water or substances enter the product, turn the power off, unplug the power cord and contact a service centre.
 - » Otherwise, it may result in a problem with the product, electric shock or fire.



Warning


1. 1.4.14 Displaying a still image for a long time may create a persistent image or stain on the screen.
 - » If you do not use the product for a long time, use the power-saving mode or set the power-saving mode or set the screen saver to the moving picture mode.

1. 1.4.15 When not using the product for a long time such as leaving your home, unplug the power cord from the wall outlet.
 - » Otherwise, it may cause dust accumulation and result in fire caused by overheating or short circuit or result in an electric shock.
1. 1.4.16 Set the appropriate resolution and frequency for the product.
 - » Otherwise, it may result in eye strain.
1. 1.4.17 Avoid turning the product upside down or move the product holding only the stand.
 - » This may cause the product to fall, resulting in damage to the product or injury.
1. 1.4.18 Do not place the adapter on top of another adapter.
 - » Otherwise, it may result in fire.
1. 1.4.19 Keep power adaptor away from any other heat source.
 - » Otherwise, it may result in fire.
1. 1.4.20 Remove the vinyl cover of the adapter before using the adaptor.
 - » Otherwise, it may result in fire.
1. 1.4.21 Always keep power adaptor in well-ventilated area.
1. 1.4.22 Be careful that adaptor should not be in contact with water and therefore not be wet.
 - » This may cause a malfunction, electric shock or fire. Do not use adaptor by the waterside or outside particularly when it rains or snows. Be careful that adaptor should not be wet while cleaning floor with water.
1. 1.4.23 Watching the product from too close a distance continuously may damage your eyesight.
1. 1.4.24 Avoid using a humidifier or cooker near the product.
 - » Otherwise, it may result in electric shock or fire.
1. 1.4.25 It is important to give your eyes some rest(5 minutes every hour) when viewing the product screen for long periods of time.
 - » This will alleviate any eye strain.
1. 1.4.26 Since the display panel is hot after using it for a long time, do not touch the product.
1. 1.4.27 Keep the small accessories in a location out of the reach of children.
1. 1.4.28 Take care when adjusting the angle of the product or the height of the stand.
 - » If your hand or finger is caught, you may be injured.
 - » If the product is tilted excessively, the product may fall and this may result in injury.
1. 1.4.29 Avoid placing a heavy object over the product
 - » Otherwise, it may result in a problem with the product or injury.
1. 1.4.30 When using headphones or earphones, do not turn the volume too high.
 - » Having the sound too loud may damage your hearing.
1. 1.4.31 Be careful that children do not place the batteries in their mouths when removed from the remote control. Place the battery in a location that children or infants cannot reach.
 - » If children have had the battery in their mouths, consult your doctor immediately.
1. 1.4.32 When replacing the batteries, insert them with right polarity(+, -).
 - » Otherwise, the battery may become damaged or it may cause fire, personal injury or damage due to leakage of the internal liquid.
1. 1.4.33 Use only specified standard batteries. Do not use new and used batteries together.
 - » This may cause a battery to break or leak and may cause fire, injury, or contamination(damage).
1. 1.4.34 The batteries(and rechargeable batteries) are not ordinary refuse and must be returned for recycling purposes. The customer is responsible for returning the used or rechargeable batteries for recycling.

» The customer can return used or rechargeable batteries to a nearby public recycling centre or to a store selling the same type of the battery or rechargeable battery.

- Products at the same time holding the products when building or product, do not hold the back of the handle. under the product makes. the handle is a secondary role..

Table stand and put them on the table by using the installation gets the nose does not necessarily prevent a fall on the floor using the screws fixed.

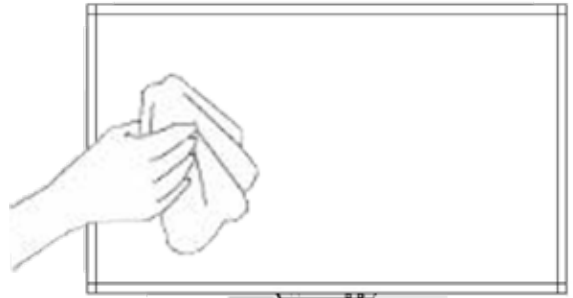

Attention: In order to reduce the risk of electric shock. Do not open the cover or backcover. If you have a product or service, please request our customer support center.

1.2 Care and Maintenance

External Surface and Screen Maintenance

Clean the product with a soft dry cloth.

- Avoid cleaning the product with an inflammable substance such as benzene or thinner or with a wet cloth. This may result in a problem with the product.
- Avoid scratching the screen with your fingernails or a sharp object.
- Avoid cleaning the product by spraying water onto it. If water enters the product, it may result in fire, electric shock or a problem with the product.



A white stain may be generated on the surface of the model if a supersonic humidifier is used near it.

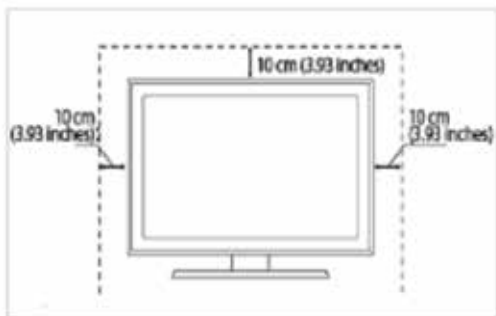
The appearance and the color may differ depending on models.

Securing the Installation Space

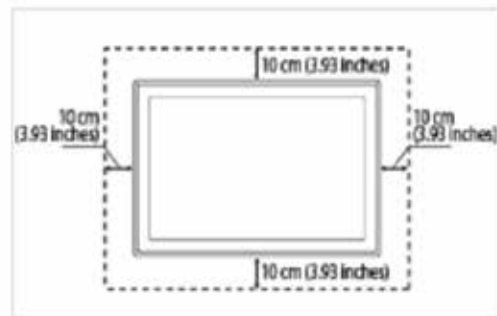
- Keep the required distances between the product and other objects (e.g. walls) to ensure proper ventilation. Failing to do so may result in fire or a problem with the product due to an increase in the internal temperature. Install the product so the required distances shown in the figure are kept.

The appearance may differ depending on the product.

When installing the product with a stand



When installing the product with a wall-mount



About persistent images

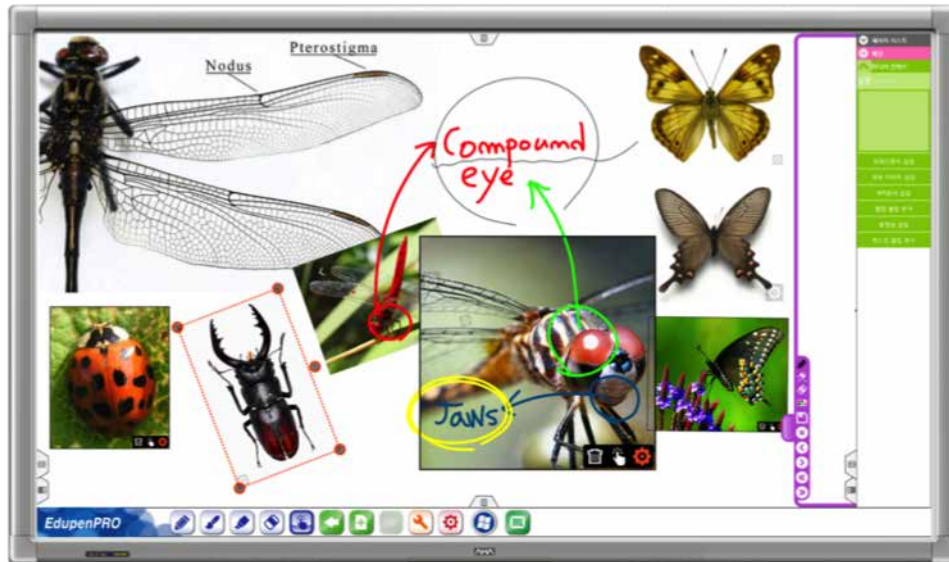
- Displaying a still image for a long time may create a persistent image or stain on the screen. If you do not use the product for a long time, set the power-saving mode or screen saver.
- Due to technological constraints of the Panel manufacturer, the images generated by this product may appear either brighter or darker than normal by appr. 1ppm (parts per million) pixel. The number of sub-pixels of an panel by size: The number of Sub-Pixels = Max. Horizontal Resolution x Max. Vertical Resolution x 3

Example) If the maximum resolution is 1920 x 1080, the number of sub-pixels is 1920 x 1080 x 3 = 6,220,800.

2 Introduction

2.1 Package Contents

- Unpack the product and check if all of the following contents have been included.
- Store the packaging box in case you need to move the product later.
- If any items are missing, contact your dealer.
- Contact a local dealer to purchase optional items.



LED Display

<p>Contents & Cable</p>					
<p>Accessory</p>					

User Manual

HDMI Cable

RGB Cable

TOUCH Sensor Cable

Power Cable

Accessory

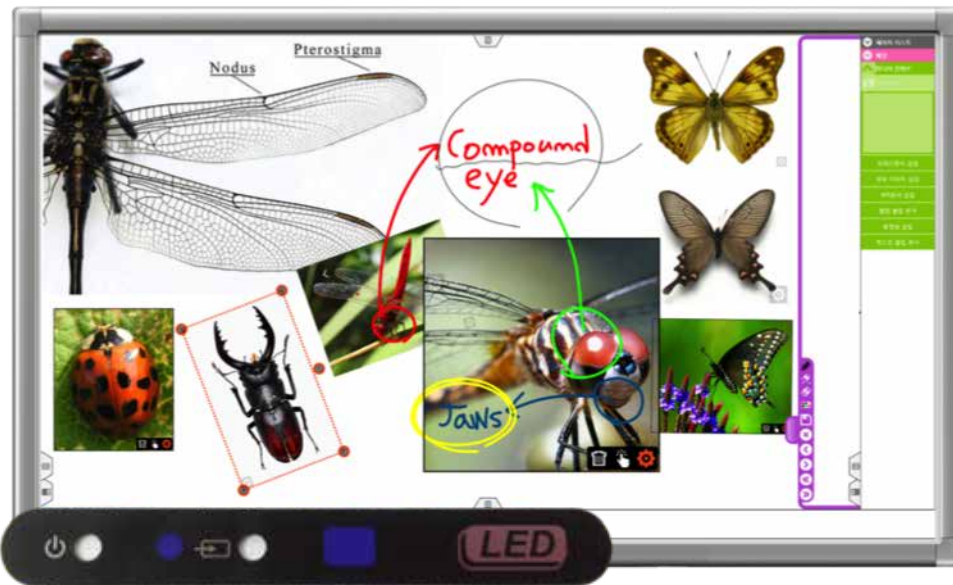
Remote Control

□□□(CR-2025 x 1)

PEN

3 Each Description

3.1 Front view



1 Power: Turns the LED Display On/Off.

2 Led Indicator

Shows Power ON mode -- BLUE

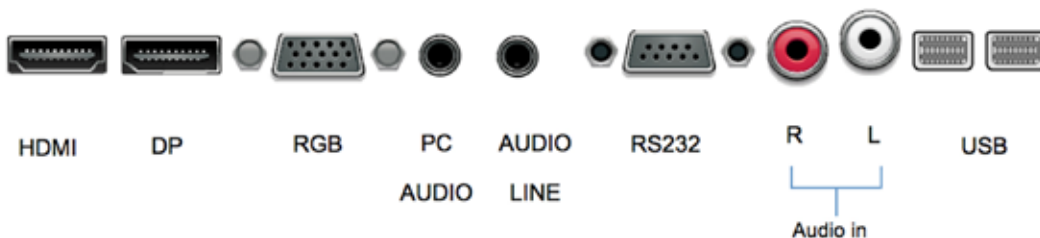
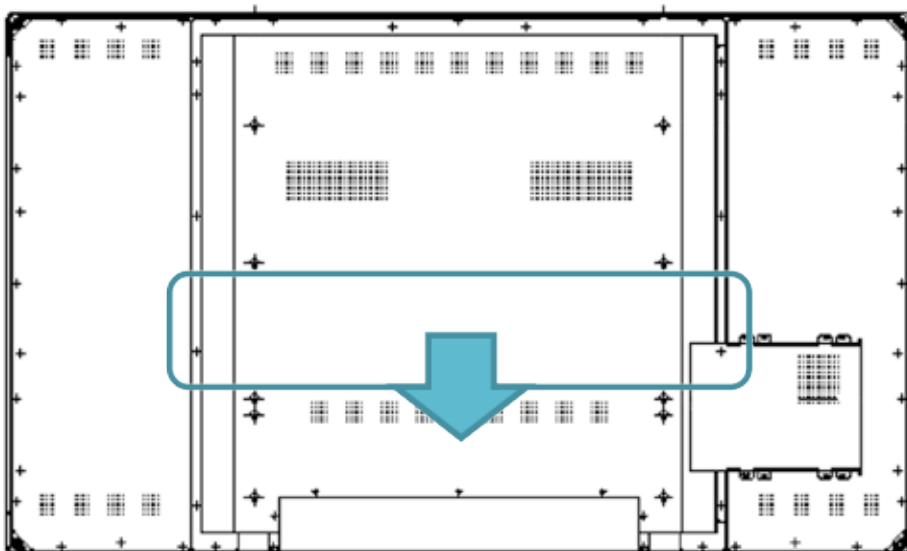
Power Saver mode by blinking RED.

Shows Power OFF mode -- RED.

3 SOURCE : Selection Input Signal button

4 IR Receive Remote Control: Aim the remote control towards this spot on the LED Display.

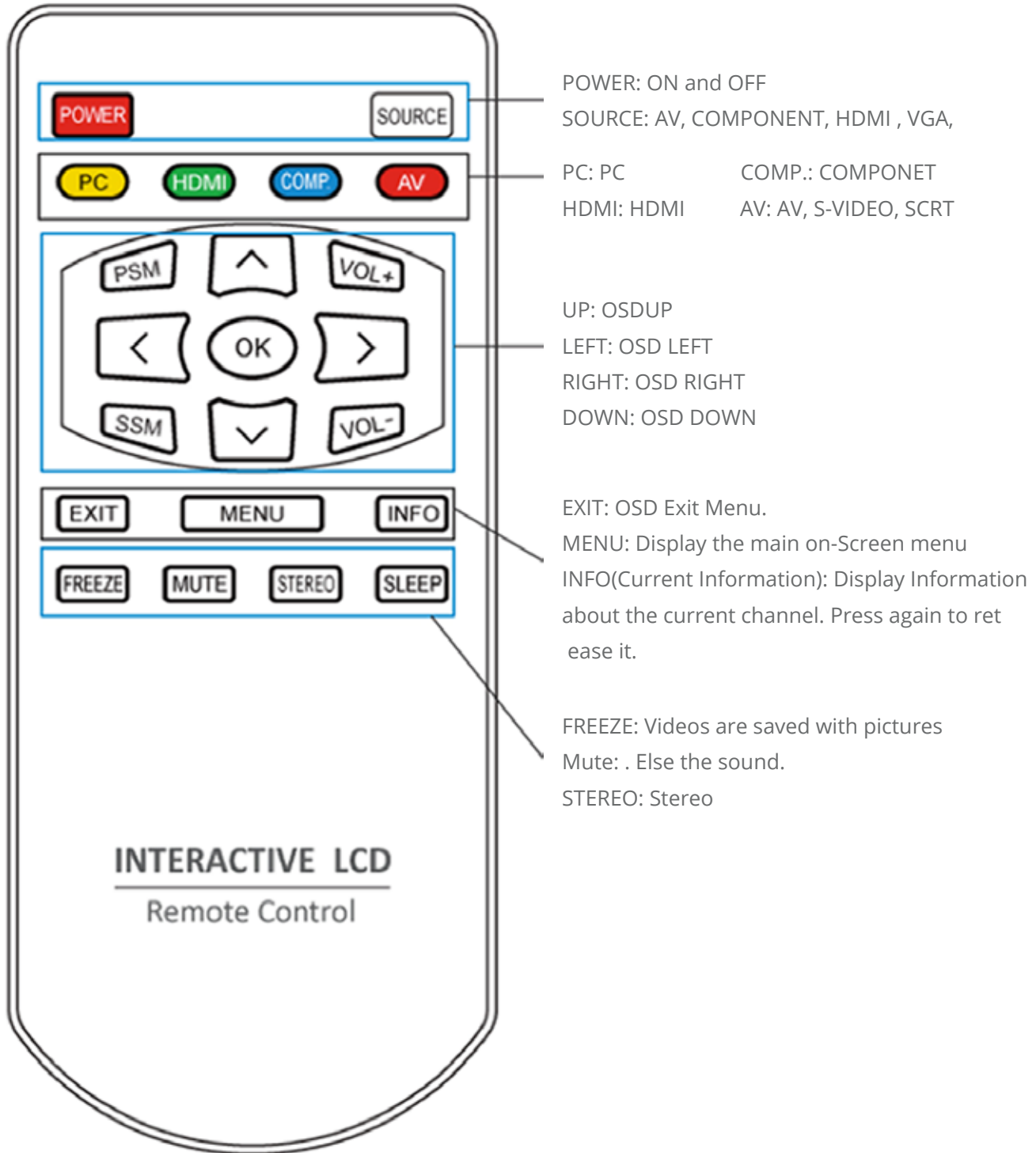
3.2 Rear View



PC Connection

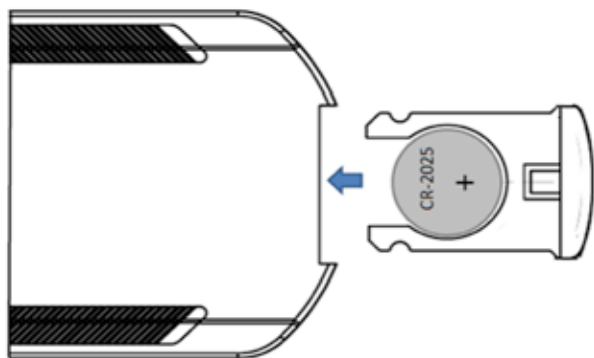
1. Connect RGB cable to Voice connection will be connected to with stereo cable.
2. HDMI cable will be connected to (display and voice are available at the same time).

4 Remote Control



4.1 How to insert battery.

Insert the battery into proper polarities. Battery model:(CR-2025 3V)



5 OSD Description

5.1 Color Adjust menu



Temperature

RED : Adjustment Red

GREEN : Adjustment Green.

BLUE : Adjustment Blue

Luminosity : Adjust the brightness of the screen.

Contrast : Adjust the contrast of the screen.

5.1 Time menu



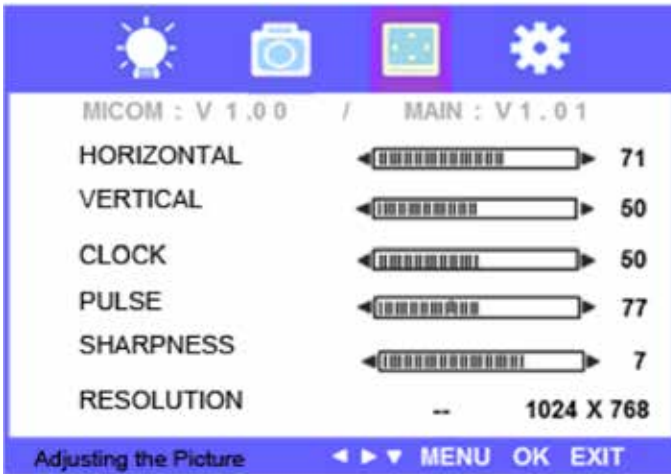
CLOCK: To change the current time

OnTime: On Time to change

Fan On temp: Fan operating temperature set

Fan On time: Fan operating time

5.3 Adjusting the Picture Menu



Horizontal: To adjust the horizontal position of the screen

Vertical: To adjust the vertical position of the screen

Clock: To adjust the frequency to fit the screen

Pulse: Fine adjustment to the correct screen phase

Sharpness: Adjust the sharpness of the screen

5.4 Setup Menu



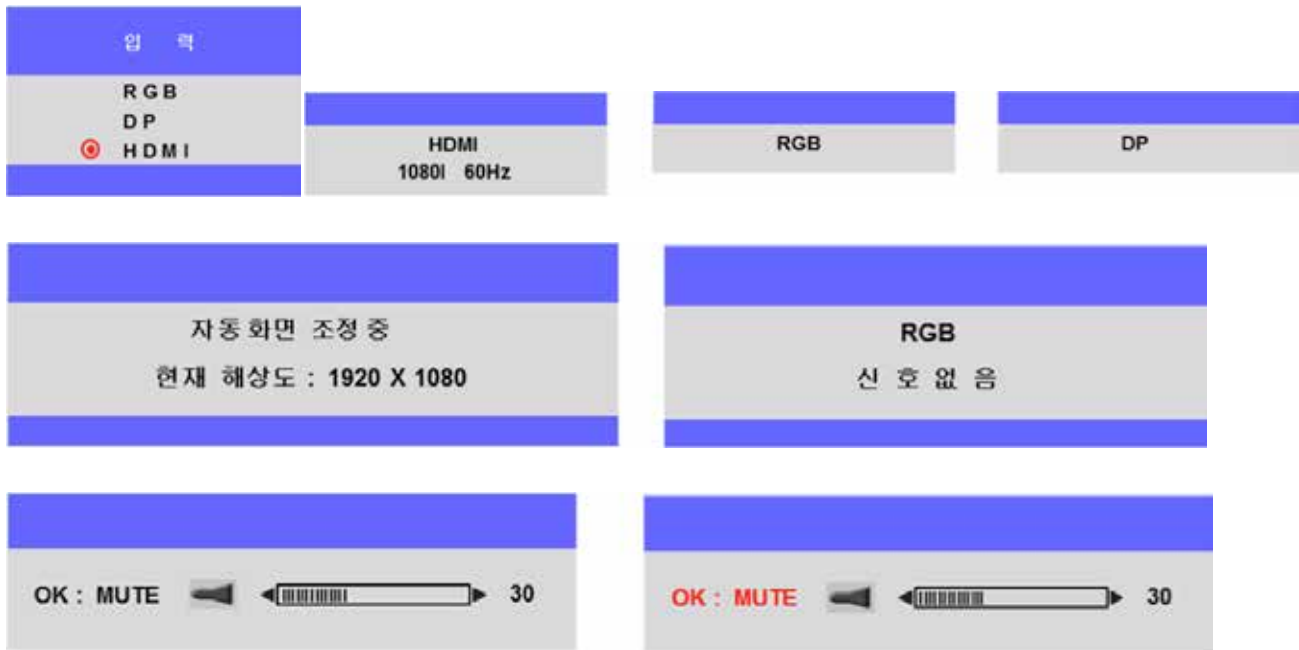
Language: Select six languages, including Korean

AGING MODE: Automatic setting screen to optimally

DPMS MODE: The color image is automatically adjusted to an optimal state

Factory Reset: To initialize all settings

5.5 input Menu



6 Product Specifications

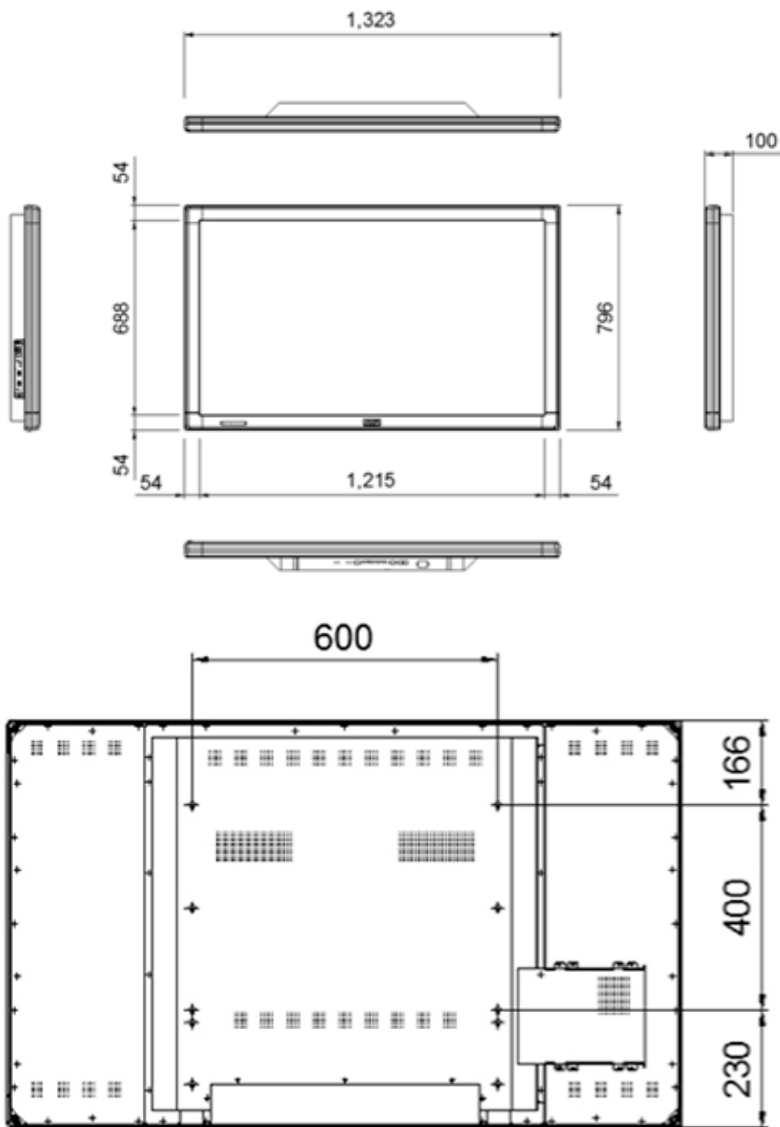
6.1 55"~65" Specifications

Model Name	M2EL5
Chipset	MSTAR TSUM88 Series + u-com
Market Area	World Wide Market
OSD Language	
Option 1	English/German/French/Spain/Italy/Sweden/Finland
Option 2	Portugal/Poland/Nederland/Ukraine/Russia/China/Japan/Korea
Panel	
Size	LED & LCD 46"~65"
Interface	Single/Dual LVDS
Resolution (Max)	1920(H) X 1080(V)
Power	
Requirement	12V/5V/ST_5V/ST_3.3V
Standby Power	1.0W Under
PCB Dimensions(mm)	
Main Board	180 (L) X 90(W) X22 (H)
Sound	
Output(RMS)	EQ Max. 10W X 2 Channels
Sound System	Stereo
Equalizer	-
Sound Status Memory	-
Auto Volume Leveler	-
Balance	-
Terminals	-
AC Input Wafer	-
AC Output Wafer	-
PC-RGB	-
PC-Audio	-
HDMI	-
Display Port	-
EXT, Spk Output	-
EXT, Audio Output	1
Mic In(Optional)	-
RS232C	Female
USB	2 (For Camera Control etc)
OPS Interface(Optional)	1 (Power/Signal)
Software Update	Yes(Through D-SUB 9 With Jig-Board)

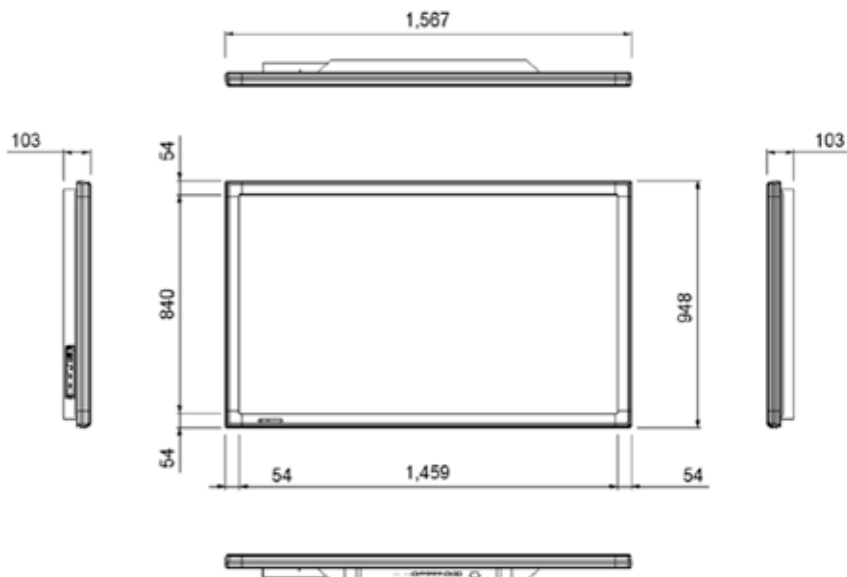
Others	
DPMS Mode	D-SUB/HDMI/DP Capable
PC Control Mode	PC and IWB Operation Sync.
Fan Control Mode	High Temp Setting(35 ~ 80 Degree)
Fan On Timer	On Timer(10,20,30 Minute) Selectable
Clock	Yes
Sleep Timer	-
On/Off Timer	Yes
Current Temp. Display	Display Temp(0 ~ 99 Degree)
Temp. Control	-
Resolution	
HDMI	1080P(50HZ/60HZ)
	1080i(50HZ/60HZ) (interlace)
	720P(50HZ/60HZ)
	576P(50HZ)
	480P(60HZ)
PC(DVI / Display Port)	
	DOS 720*400(70HZ)
	VGA 640*480(60HZ/72HZ/75HZ)
	SVGA 800*600(56HZ/60HZ/72HZ/75HZ)
	XGA 1024*768(60HZ/70HZ/75HZ)
	SXGA 1280*1024(60HZ)
	WXGA 1280*768(60HZ/75HZ)
	WXGA 1360*768(60HZ/75HZ)
	WSXGA 1600*1200(60HZ)
	WSXGA 1920*1080(60HZ)

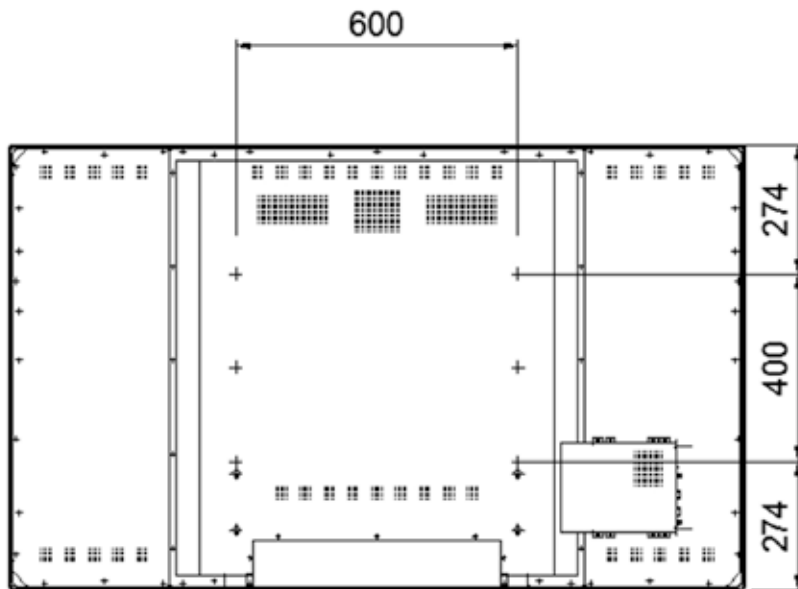
7 Product Dimensions

7.1 55" LED Dimensions.



7.2 65" LED Dimensions.





8 Troubleshooting

8.1 Product Self-Diagnosis

- You can check if the product is working properly using the Self-Diagnosis function.
- If a blank screen is displayed and the Power LED blinks even if the product and the PC are properly connected, perform the self-diagnosis function according to the procedures below.
 1. Turn the product and the PC off.
 2. Remove the D-Sub cable from the product.
 3. Turn the product on.
 4. If the product is working properly, the<Check Signal Cable>message appears.

In this case, if a blank screen is displayed again, make sure that there is no problem with the PC and the connection.

8.2 Before Requesting Service

- Please check the following before requesting After-Sales service.

8.2.1 PROBLEMS RELATED TO SCREEN.

8.2.1.1 Screen is blank and power indicator is off.

- » Ensure that the power cord is firmly connected and the monitor is on.

8.2.1.2 <Mode Not Supported> Message.

- » Check the maximum resolution and the frequency of the video adapter.
- » Compare these values with the data in the Standard Signal Mode Table.

8.2.1.3 Picture rolls vertically.

- » Check if the signal cable is securely connected. Connect it again securely.

8.2.1.4 Image is not clear. Picture is blurred.

- » Run frequency<Coarse> and <Fine> tuning.
- » Turn on again after removing all accessories(video extension cable, etc.) Set resolution and frequency to the recommended ranges.

8.2.1.5 The image is too light or too dark.

» Adjust the <Brightness>and<Contrast>.

8.2.1.6 Screen is blank and the power indicator light blinks every 0.5 or 1 seconds.

» The monitor is using its power management system. Press a key on the keyboard.

8.2.2 PROBLEMS RELATED TO AUDIO.

8.2.2.1 No sound

» Ensure that the audio cable is firmly connected to both the audio-in port on your monitor and the audio-out port on your sound card.

8.2.2.2 The sound level is too low.

» Check the volume level. If the volume is still too low after turning the control to its maximum, check the volume control on the computer sound card or software program.

8.2.3 PROBLEMS RELATED TO REMOTE CONTROL.

8.2.3.1 The remote control buttons do not respond.

» Check the battery polarities(+/-).

» Check if the batteries have been exhausted.

» Check if the power is on.

» Check if the power cord is securely connected.

» Check if a special fluorescent or neon lamp is on in the vicinity.

9 Customer support and AS guide

9.1 Before request AS

9.1.1 When the product does not operate normally, product manuals can be found on the troubleshooting please refer to the page.

9.2 AS Cost

9.2.1 Our warranty period is 1 years.

9.2.2 A/S is the cost incurred to our bylaws, item rated A/S price is determined according to the criteria, accurate repair cost, please contacts a customer support counseling over the phone.

9.2.3 Even within the warranty period if you use a shipping and negligence A/S will be charged.

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