

TouchIT LED Duo Manual

Touchboards

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Chapter 1

TouchIT LED Duo

Inside the manual you will learn all about the TouchIT LED Duo models of Interactive LED.

For more information, please visit
www.touchittechnologies.com



Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS

Please read these instructions carefully before using the product and keep them safe for future reference.

PLEASE NOTE :-

The TouchIT LED Duo has been designed to be a **MONITOR** and **NOT** a Television. It does not contain a TV Tuner of any description.

IMPORTANT SAFETY INSTRUCTIONS

1. Please read these instructions carefully before using the product and keep them safe for later reference.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet (power socket) before cleaning. Clean the product with a damp soft cloth. Do not use liquid or aerosol cleaners as it may cause permanent damage to the screen.
4. Caution of use varies from model to model; please observe appropriate operation as per model in use.
5. Do not place this product on an unstable cart, stand, or surface which may cause damage or harm to the product or individual.
6. Slots and openings on the cabinet, in the back cover or in the bottom, are for ventilation; to ensure reliable operation and to prevent from overheating, these openings must not be blocked or covered at any time. The openings should never be placed near or over a radiator, heat source, or placed in a built-in installation unless proper ventilation space (min. 2 inches/5cm of gap) is provided.

7. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local service company.

8. This product is equipped with a 3-wire grounding type power plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you do not have proper outlet to insert the plug, contact your electrician to replace your obsolete outlet. Do not break the ground pin and circumvent the grounding.

9. Do not allow anything to rest, or persons to walk on the power cord.

10. If an extension cord is used with this product, make sure that the total ampere rating plugged into the extension cord does not exceed the maximum ampere rating of the extension cord.

11. Never insert any object/tool of any kind through housing slots of this product as they may touch dangerous voltage points or short out components that could result in risk of fire or electric shock. Never spill liquid of any kind on the product (except IP-rated models).

12. Do not attempt to service this product yourself, always refer to qualified or authorized person for the servicing of this product.

13. Unplug this product from the wall outlet and contact a qualified service provider in the following circumstances:

When the power cord or plug is damaged, frayed or broken.

In the event that liquid has been spilled into the product (except IP-rated models).

Introduction

CHAPTER CONTENTS

1-1 About the Product

1-2 Notice

1-3 Check List

1-1 About the Product

The TouchIT LED Duo is made of TFT LED panel and microprocessor-controlled main board. It is designed to meet the demanding performance requirements of education/schools, public premises, corporate, and industrial applications.

1-2 Notice

1. Do not use any sharp object on the original LED panel surface if the model is supplied without protective glass.
2. Do not use corrosive or abrasive detergents, waxes or solvents for cleaning. Use only a dry or damp cloth and use with clean water when cleaning.
3. Use qualified and safety-approved AC power cord only.

1-3 Check List

When opening the carton, please make sure that all the items listed below are present:

1. VGA cable (male-to-male) ×1
2. Power cord ×1
3. USB cable × 1
4. Software CD
5. Remote control x 1, batteries included
6. VGA Cable
7. 3.5mm Audio Cable

If any items are missing or damaged, please contact your dealer immediately.

Following items are optional and may be ordered separately:

8. DVI cable (optional)
9. RS232 to RS485 adapter(optional)
9. HDMI-to-DVI adapter (optional)

Installing the TouchIT LED Duo

POWER AND SIGNAL CONNECTIONS

2-1-1. Power cord connection

2-1-2. Power on

2-1-3. VGA Signal cable connection

2-2 Optional Connections

2-2-1 DVI connection (optional cable)

2-2-2 VGA output connection (Optional male to male VGA cable)

2-2-3 USB cable connection (for touch TouchIT LED Duo models)

2-1 Power & Signal Connections

2-1-1. Power cord connection:

Connect the power cord to the AC outlet.

2-1-2. Power on:

Switch on the main power of your TouchIT LED Duo (switch is located next to the AC outlet)

2-1-3. VGA Signal cable connection:

Plug one end of the 15-pin signal cable (VGA) to the video signal connector at the rear of the PC system (or engine box) and the other end to the TouchIT LED Duo.

Secure the connectors with the screws on the cable connector at both ends.

A HDMI Cable may be used as an alternative

2-2 Optional Connections:

This TouchIT LED Duo is designed to work with second signal source. Please enter OSD menu to switch between these signal sources and other adjustments

2-2-1 DVI connection (optional cable):

Plug one end of the DVI signal cable to signal source (PC, or, IPC, or, media player of any kind with proper DVI out port), and the other end to the DVI connector on the TouchIT LED Duo. Tighten the connector screws on both ends of the cable to secure good signal connection.

2-2-2 VGA output connection (Optional male to male VGA cable):

Plug one end of the VGA signal cable to signal source and the other end to another VGA in connector to daisy-chain, or establish a cascading signal to the other TouchIT LED Duo.

Tighten the connector screws on both ends of the cable to ensure a good signal.

2-2-3 USB cable connection

Plug one end of the USB cable to the USB connector at the rear of the (PC, or, IPC, or, media player), and the other end to the USB connector on TouchIT LED Duo.

Using the TouchIT LED Duo

USING THE LED

3-1 Get to know the LED

3-2 Connector ports

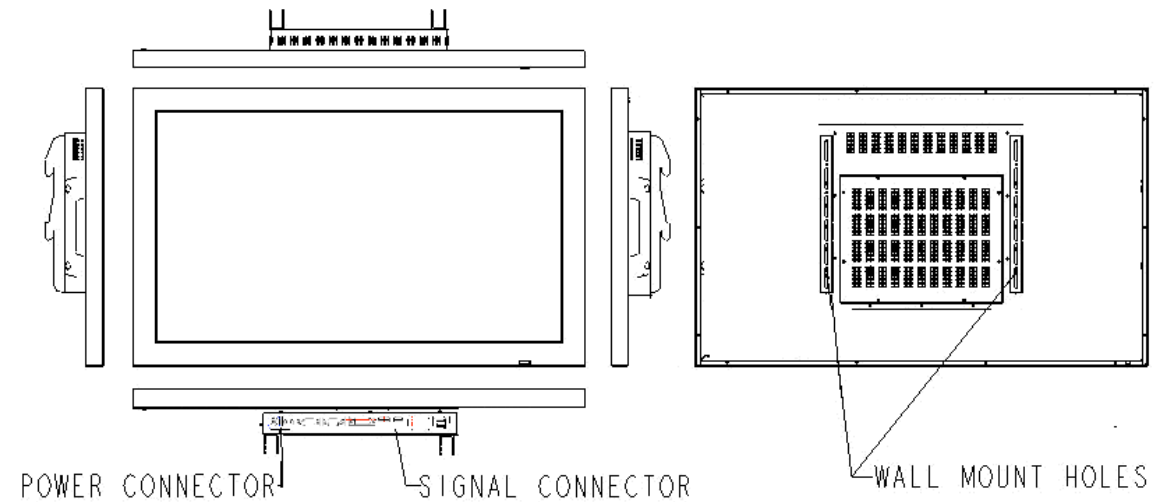
3-3 Remote Control

3-4 Understanding the OSD Menu (with Remote control)

3-5 Understanding the Keypad

3-1 Get to know the monitor

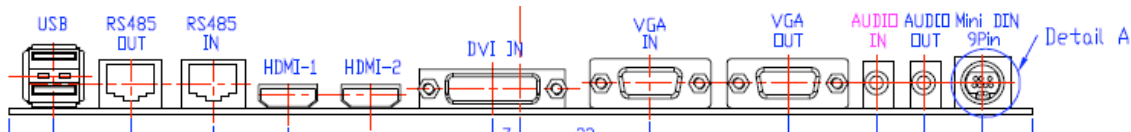
The Monitor connectors are located on the rear side. They are shown in the physical monitor as per the figure below and described in the following paragraphs. Please note that connectors may vary in some derivative models, please refer to individual model for special instructions.



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3-2 Connector ports

The Figure below depicts the signal connectors on the main board.



3-3 Remote Control

The remote control is shown in the drawing below.



Size: 197.2 x 47.1 x 23.2mm

Operation distance: > 10 meter

Working angle: not more then +/- 40 degree

3-4 Understanding the OSD Menu (with Remote control)

a. Power

Press the power button to turn on/off the monitor.

b. HDMI 1

Press this button to enter HDMI 1 signal source.

c. HDMI 2

Press this button to enter HDMI 2 signal source.

d. Ypbpr

Press this button to enter Ypbpr signal source.

e. DVI

Press this button to enter DVI signal source.

f. VGA

Press this button to enter VGA signal source. Source default is at VGA source.

g. AV

Press this button to enter Composite signal source.

h. USB 1

Press this button to enter USB 1 signal source.

i. USB 2

Press this button to enter USB 2 signal source.

j. Vol.+ / Vol.-

Press Vol.+ / Vol- to adjust Volume UP / DOWN.

k. Mute

Press this button to mute or un-mute.

l. Misc.

Press this button to enter Internal signal source (HDMI 3).

m. Freeze

Press this button to Freeze picture on screen.

n. Auto

Press this button to auto-adjust and optimize picture screen of the monitor.

o. Select function for adjustment

Press the (▲/▼/Enter) button to scroll up and down the intended function items for adjustment, and then press the Enter button to activate that function item.

c. Brightness button

Press this button to quick-access brightness control only to turn brightness up or down.

p. Menu

Press the Menu button to go into OSD menu.

q. Exit

Press Exit button to exit setting, or, exit OSD menu. Alternatively, press “Menu” button will exit OSD Menu instantly at any time.

r . Info.

Press to show timing and resolution

s. Picture

Press the Picture to select Zoom mode.

t. USB Function

Press to control USB function.

3-4 Content of OSD Menu

Picture

λ Picture mode

Contrast

Brightness

Color

Sharpness

Tint

λ Color Temperature

Standard

Cool

Medium

Warm

λ Aspect Ratio

λ Noise reduction

λ PC Setup

Auto Adjust

λ Backlight

Sound

λ Sound mode

User

Treble

Bass

Standard

Music

Movie

Sports

λ Balance

λ Auto Volume

Volume up

Volume down

Option

λ OSD Language

English

Français

Español

Português

Arabic

中文(Simple)

λ Restore Factory Default

λ Blending (OSD transparency)

λ Light Sensor ON/ OFF

λ OSD Duration

OFF

5 sec.

10 sec.

15 sec.

3-5 USB

3-5-1 USB F/W Update (please call technical support)

3-5-2 USB Player Support Format

| Video (1080p) | Audio | Image | TXT |
|---------------|-------|-------|-----|
| MP4 | MP3 | JPEG | TXT |
| RMVB/RM | AAC | BMP | |
| MOV | WMA | PNG | |
| MPEG2 | M4A | | |
| MPEG1 | | | |

Note: It will take a while to load data from your USB (USB Hard Drive). The more data in the hard disk are, time is the longer if read.

Note: When video comes out only picture without audio, it could be audio format doesn't support or over range of audio bit rate.

Installing the Stand

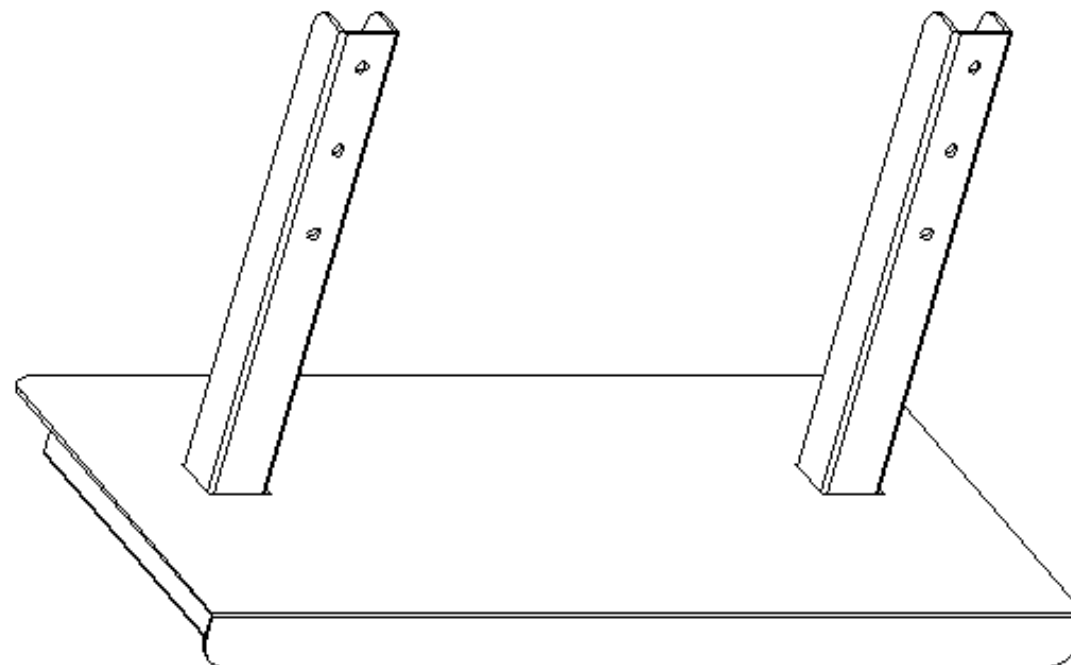
INSTALLING THE STAND

The stand is included with the 32" TouchIT LED Duo, but a table top stand is available for all other sizes up to 82"

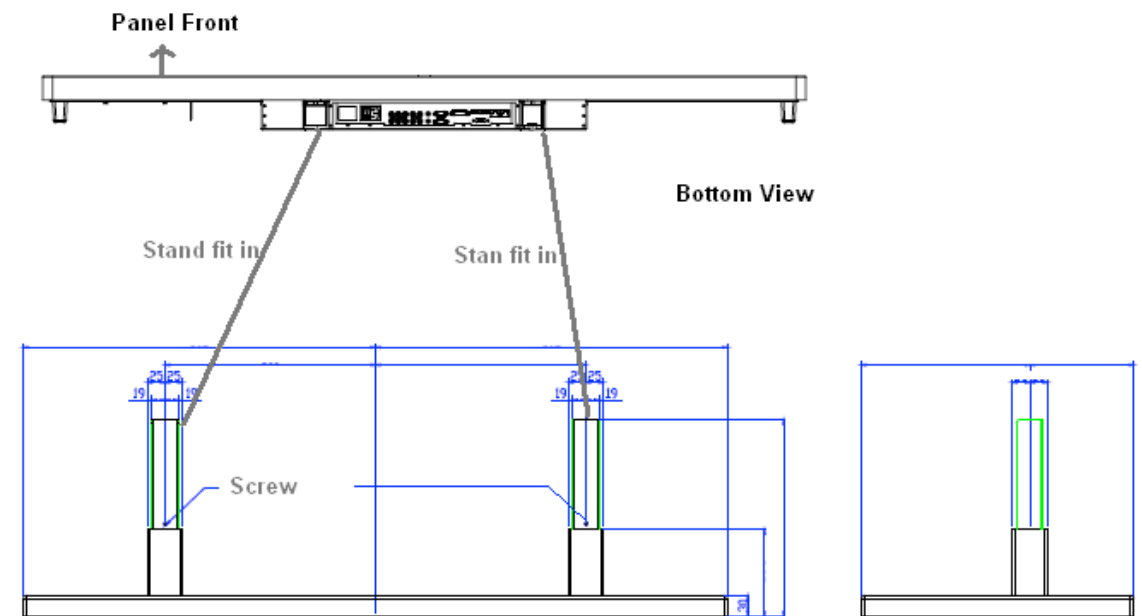
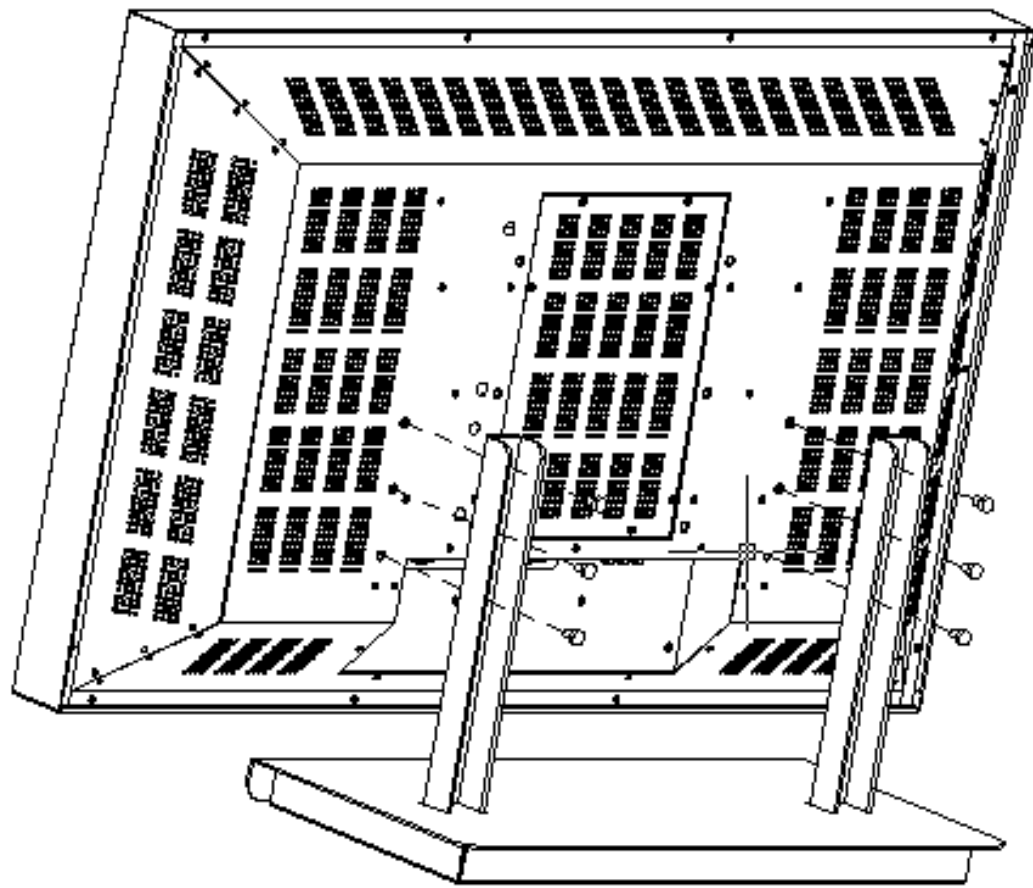
Installation

This stand is included for 32" and is optional for all other sizes.

1. Find the appropriate stand, take out the packaging and use the bolts included to install the back plate first.



2. Assemble the stand and supporting upright. Align the sliding groove, and slide in the stand then tighten the securing bolts.

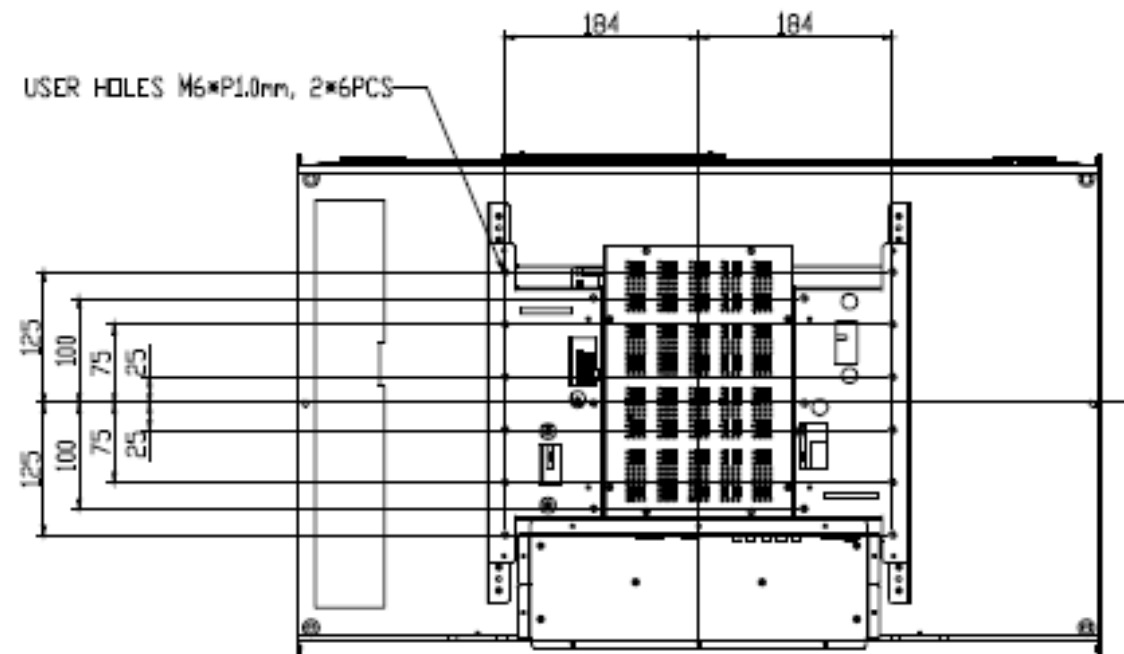


3. Stand the monitor upright, and place it to desirable position.

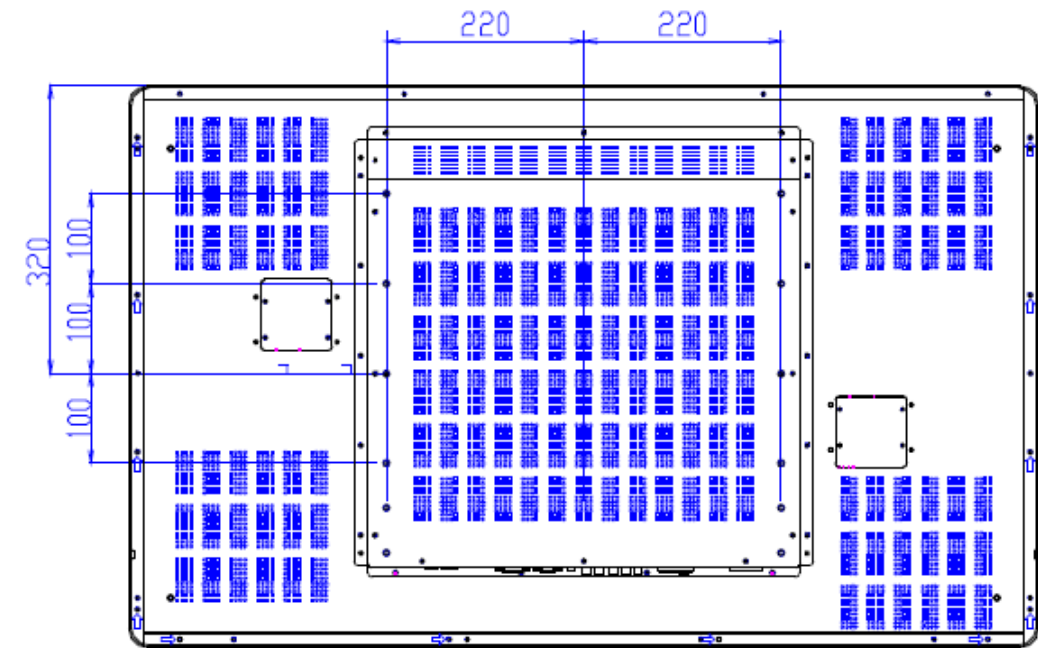
Wall Mount Kits

Due to the difference in weight of each model, please use only the wall mount kit that is designed for each model. If you are unsure, please check with your reseller.

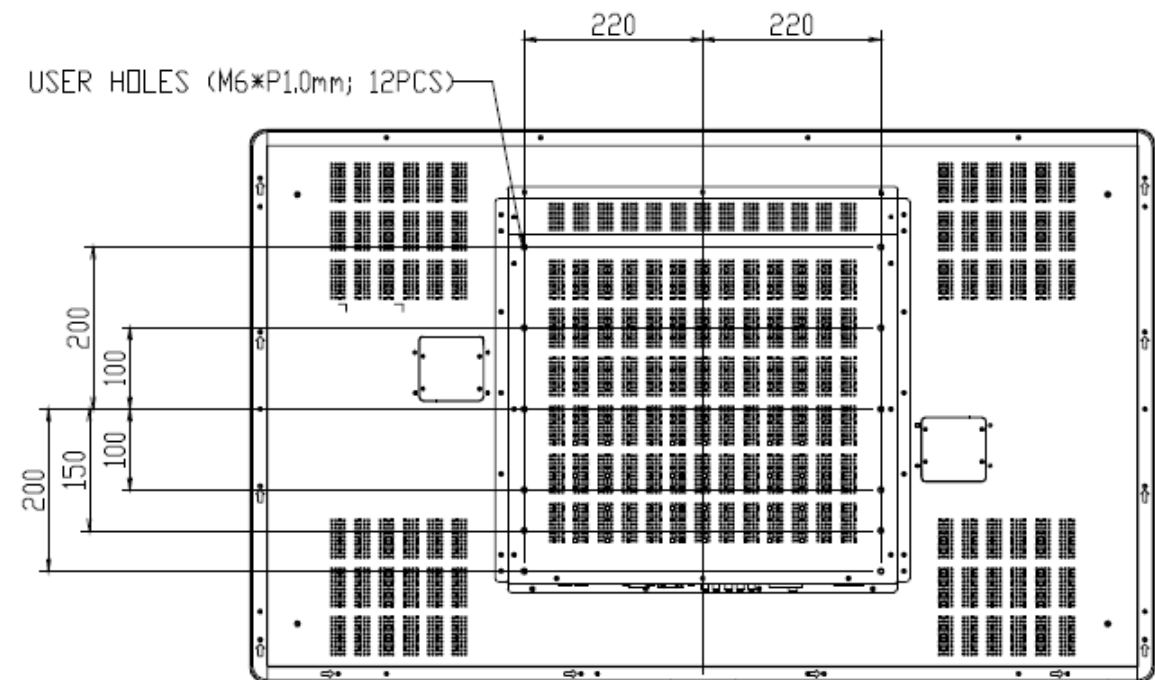
32"



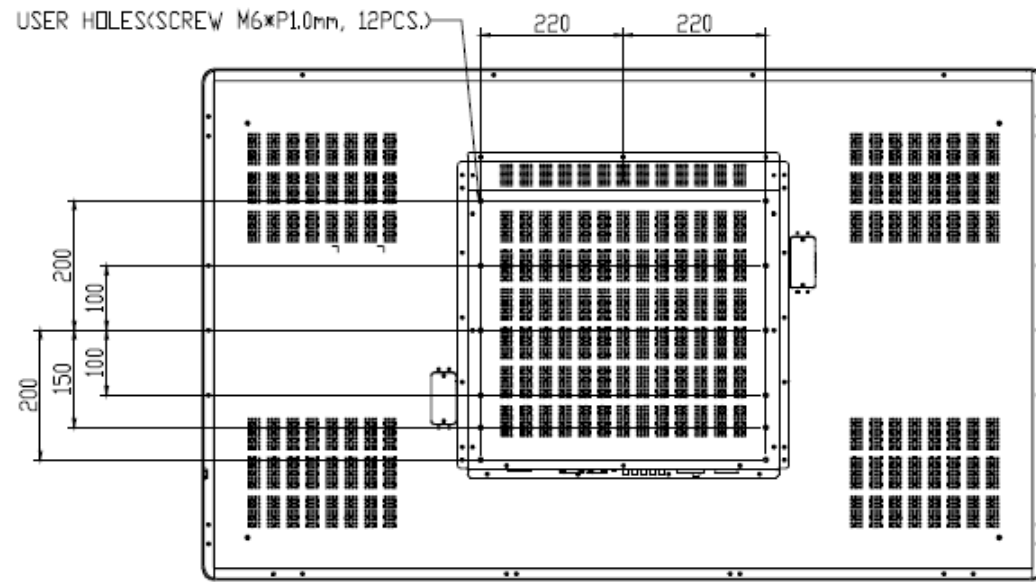
42"



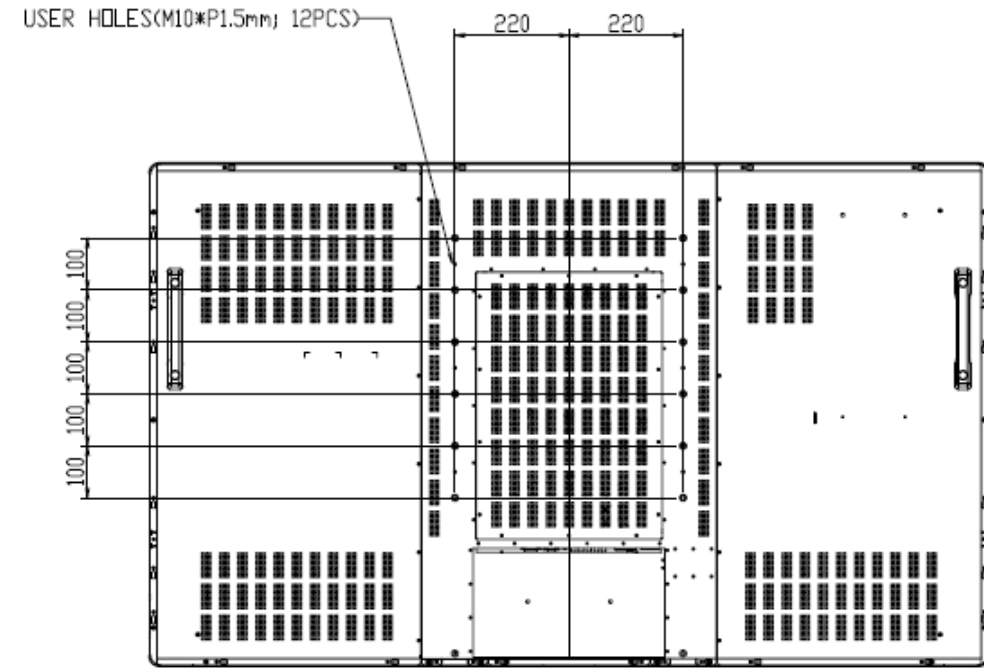
46"



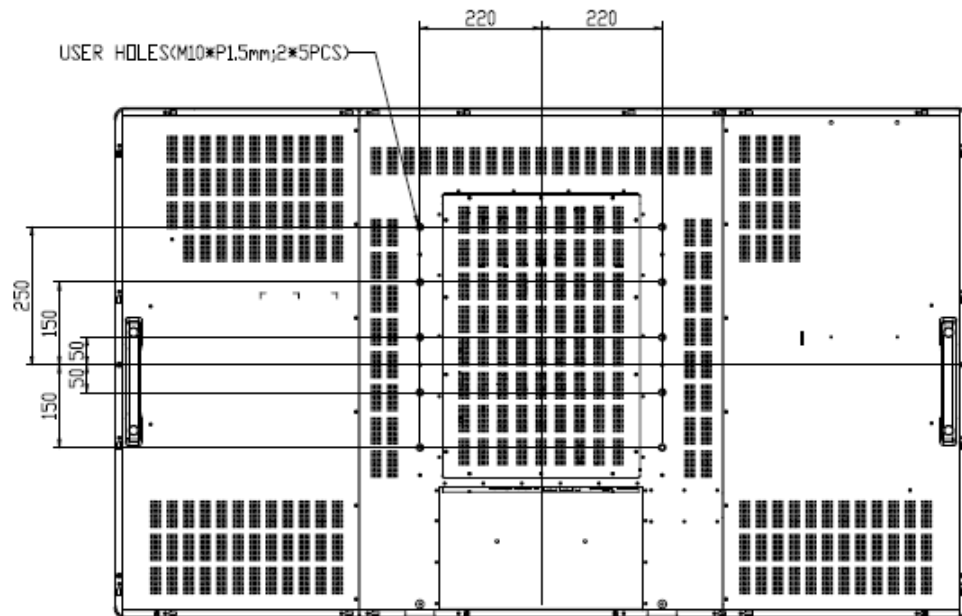
55"



70"



65"



Care and Maintenance

CARE AND MAINTENANCE

Cleaning the LED Monitor

Disclaimer

Troubleshooting

Cleaning the LED Monitor

1. Make sure the monitor is turned off.
2. Never spray or pour any liquid directly onto the screen or casing
3. Do not use chemical solvents or alcohol to clean the unit or screen. It may cause permanent damage to the device.
4. Use a clean, soft, lint-free cloth, or apply a small amount of non-ammonia, non-alcohol based glass cleaner to achieve the best results.

Disclaimer





The manufacturer assumes no responsibility, and will not be liable of any damage resulting from non-conforming safety actions, operation, or cleaning of this product.

Troubleshooting


Before calling for assistance, please try following these simple steps to check your TouchIT LED Duo:


Symptoms and Checks

1. No picture


-  Check if the signal cable is firmly located in the socket.
-  Check if the Power is ON at the computer
-  Check if the brightness control is at the appropriate position and not at the minimum.
-  Check the state of the monitor and that it is powered on and the LED of power is GREEN. Unplug the VGA cable and plug it in again.


2. The screen is not synchronized

-  Check the LED light and if it indicates red, the device is in power off status. Use the remote and press “Power” to turn the power on.


-  Use the “Auto” key on the remote control to automatically adjust the monitor timing scan.

-  Check if the signal cable is firmly located in the socket.


-  Make sure the signal timings of the computer system are within the specification of the monitor.

-  If your computer was working with a CRT monitor, you should check the current signal timing and turn off your computer before you connect the VGA Cable to this monitor.

3. The picture is not centered

-  Adjust the H-position, and V-position, or Perform the Auto adjustment.

5. The screen is flickering

-  Press the “Auto” - adjustment control by remote control or OSD to adjust.

Check nearby devices such as a motor or transformer, which generate magnetic fields and move them away from the monitor. Check if the specified voltage is being applied.

☐ Check if the signal timing of signal source is within the specifications of the monitor. If you are unable to correct the fault by following this check list, stop using your monitor and contact your distributor or dealer for further assistance.



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