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User Manual 40" wide LCD



ID-40Pw Open frame LCD panel



ID-40Aw Front aluminum LCD panel



ID-40AwN Front NEMA4 / IP 65 LCD panel

- Options :**
- TV tuner
 - Quad Display

Contents

| | | |
|-----------|---|----|
| Chapter 1 | Getting Started | |
| 1.1 | Important Safeguards..... | 1 |
| 1.2 | Before Installation..... | 2 |
| 1.3 | Unpacking..... | 2 |
| 1.4 | Optional Accessories..... | 2 |
| Chapter 2 | ID-40Pw Open frame LCD panel | |
| 2.1 | Package Contents..... | 3 |
| 2.2 | Structure Diagram..... | 4 |
| 2.3 | Dimension Diagram..... | 5 |
| 2.4 | Mounting Method..... | 6 |
| Chapter 3 | ID-40Aw Front aluminum LCD panel | |
| 3.1 | Package Contents..... | 7 |
| 3.2 | Structure Diagram..... | 8 |
| 3.3 | Dimension Diagram..... | 9 |
| 3.4 | Mounting Method..... | 10 |
| Chapter 4 | ID-40AwN Front NEMA4 / IP 65 LCD panel | |
| 4.1 | Package Contents..... | 11 |
| 4.2 | Structure Diagram..... | 12 |
| 4.3 | Dimension Diagram..... | 13 |
| 4.4 | Mounting Method..... | 14 |

Contents

| | | |
|------------|--|-------|
| Chapter 5 | Connection | 15 |
| Chapter 6 | Operation | |
| | 6.1 On-screen Display Operation..... | 16 |
| | 6.2 On-screen Menu..... | 17 |
| Chapter 7 | LCD Specifications | 18 |
| Chapter 8 | TV Tuner Options | |
| | 8.1 TV Tuner options..... | 19 |
| | 8.2 How to Use Remote Controller..... | 20-21 |
| Chapter 9 | Quad Display Options | 22 |
| Chapter 10 | Troubleshooting | 23 |
| Chapter 11 | Dimensions | 24 |
| Chapter 12 | Cleaning | |
| | 12.1 Cleaning the LCD display..... | 25 |
| | 12.2 Cleaning the Remote Controller..... | 25 |

Please read all of these instructions carefully before you use the device. Save this manual for future reference.

What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
 - ☐ Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - ☐ Repair or attempted repair by anyone not authorized by us.
 - ☐ Any damage of the product due to shipment.
 - ☐ Removal or installation of the product.
 - ☐ Causes external to the product, such as electric power fluctuation or failure.
 - ☐ Use of supplies or parts not meeting our specifications.
 - ☐ Normal wear and tear.
 - ☐ Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

1.2 Before Installation

- It is very important to locate the LCD Display in a suitable environment.
- The surface for placing and fixing the LCD Display should be stable.
- Make sure the place has good ventilation, is out of direct sunlight, away from sources of excessive dust, dirt, heat, water, moisture and vibration.
- Convenience for connecting the LCD Display to the related facilities should be well considers too.

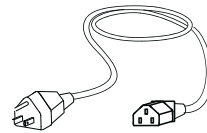
1.3 Unpacking

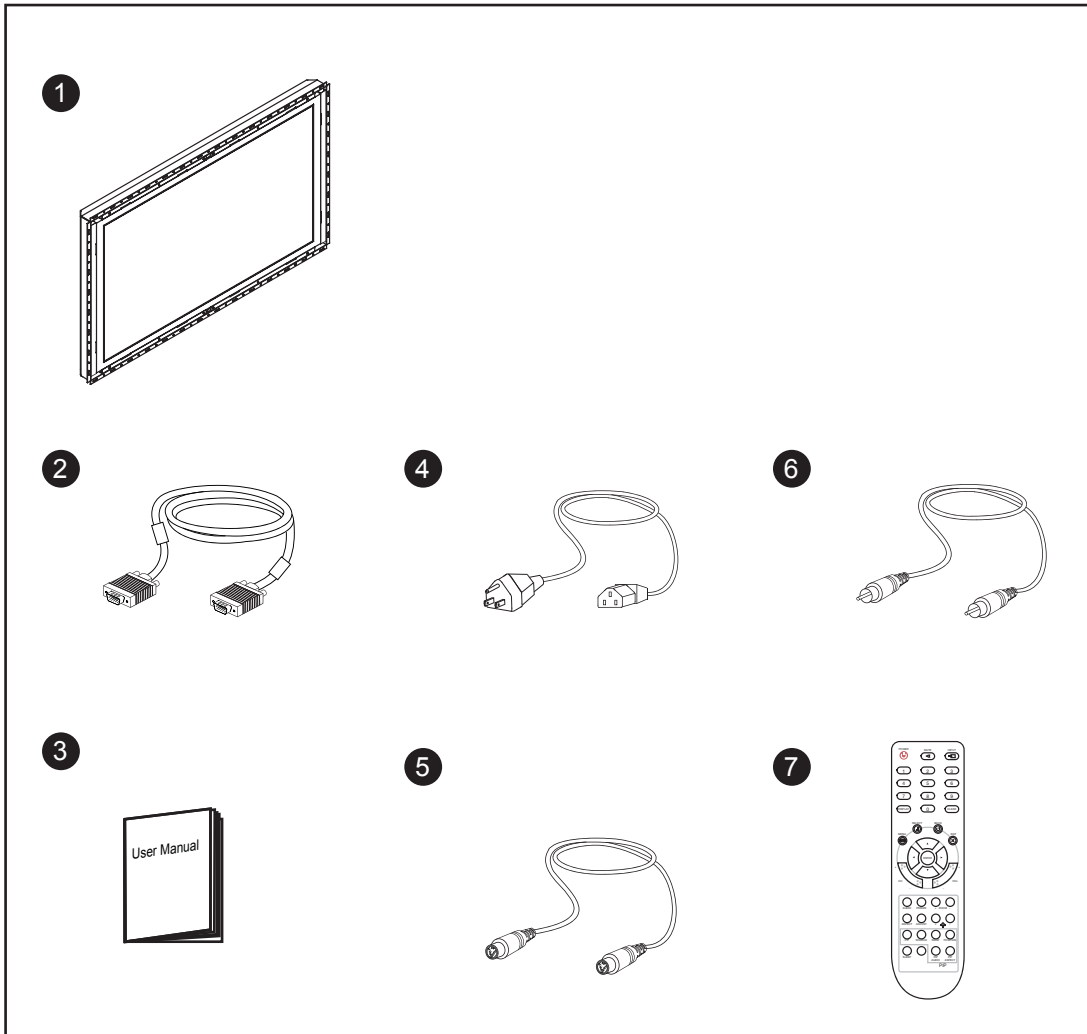
The LCD Display comes with the standard parts shown on the package contents. Check and make sure they are included and in good condition. If anything is missing, or damage, contact the supplier immediately.

1.4 Optional Accessories

1. Power Cord

- 1.1 IEC power cord
- 1.2 NEMA 5-15 power cord (US)
- 1.3 BS 1363 power cord (UK)
- 1.4 CEE 7/4 power cord (German)
- 1.5 AS 3112 power cord (Australia)

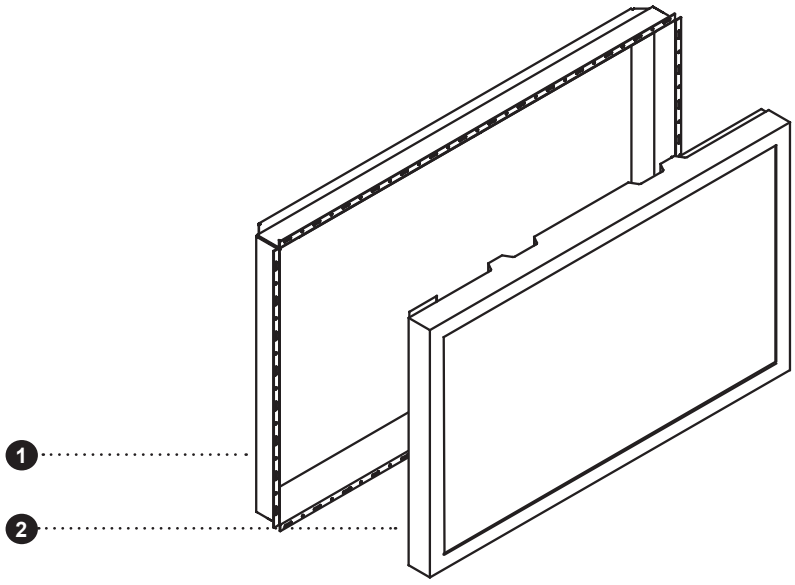




- ① LCD display x 1 pc
- ② 6' VGA cable (male to male) x 1 pc
- ③ User manual x 1 pc
- ④ Power cord x 1 pc
- ⑤ S-Video cable x 1 pc
- ⑥ RCA cable x 1 pc
- ⑦ Remote controller x 1 pc

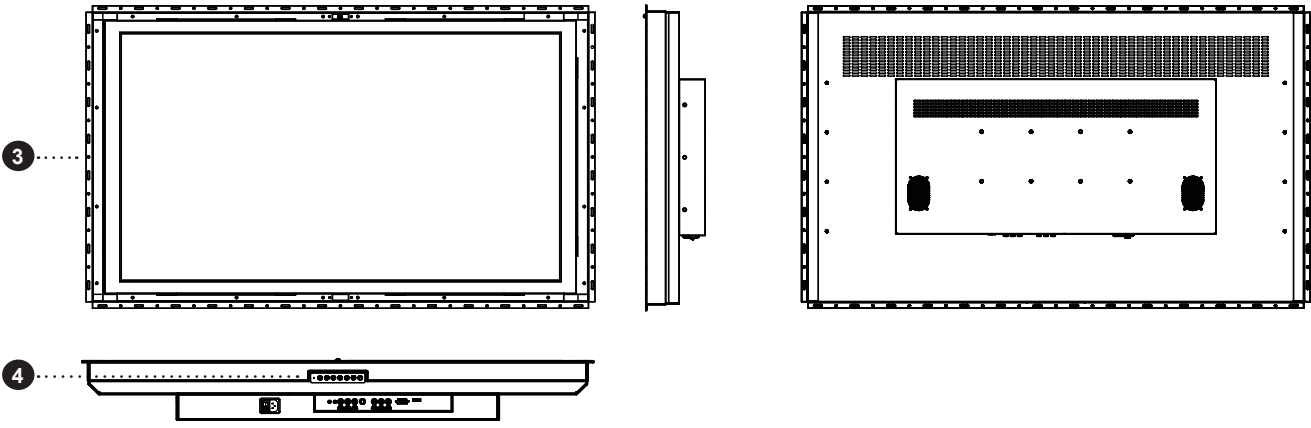
Remarks

- Universal open frame mounting set is already installed on the LCD panel



Front View

Rear View

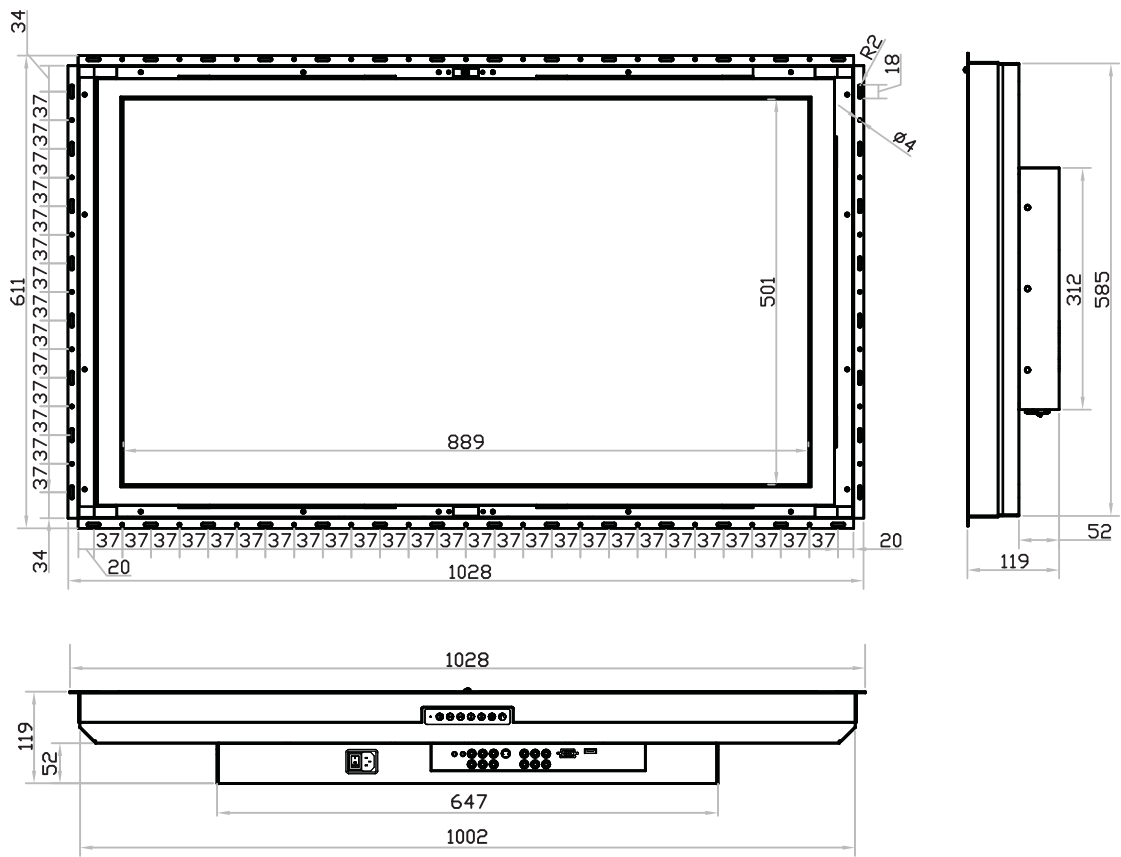


- ① Rear case
- ② SAMSUNG LCD panel

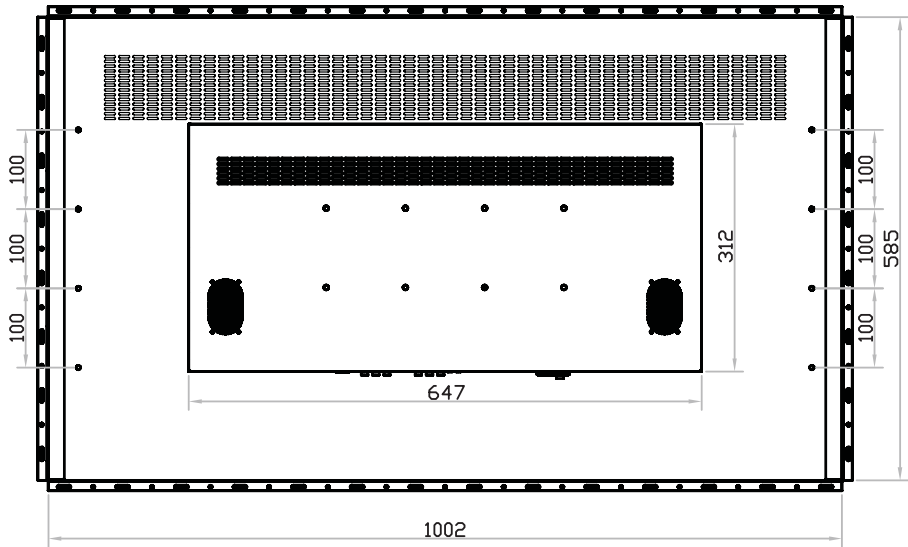
- ③ Universal open frame mounting
- ④ LCD membrane

UNIT : mm
1mm = 0.03937 inch

Front View



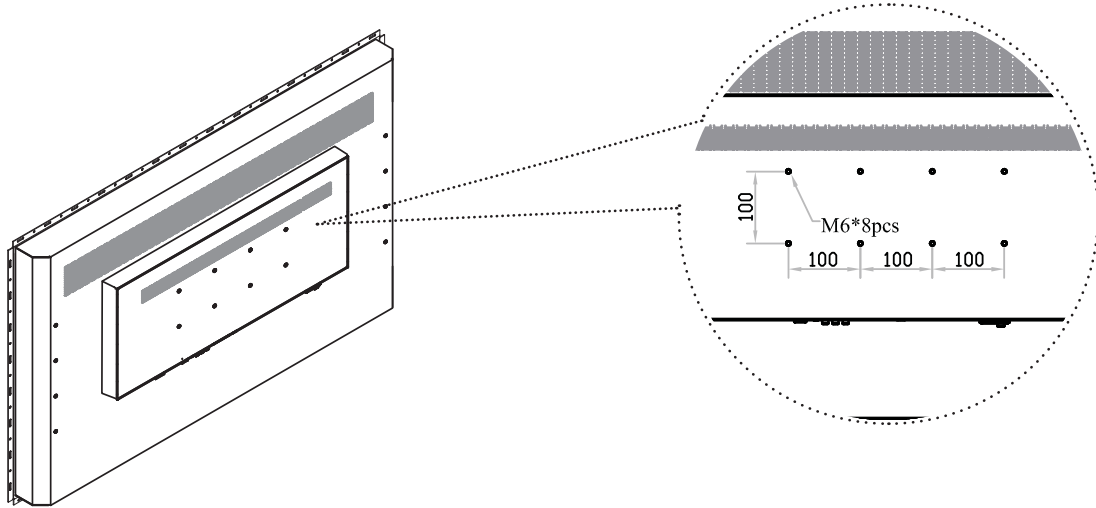
Rear View



UNIT : mm

1mm = 0.03937 inch

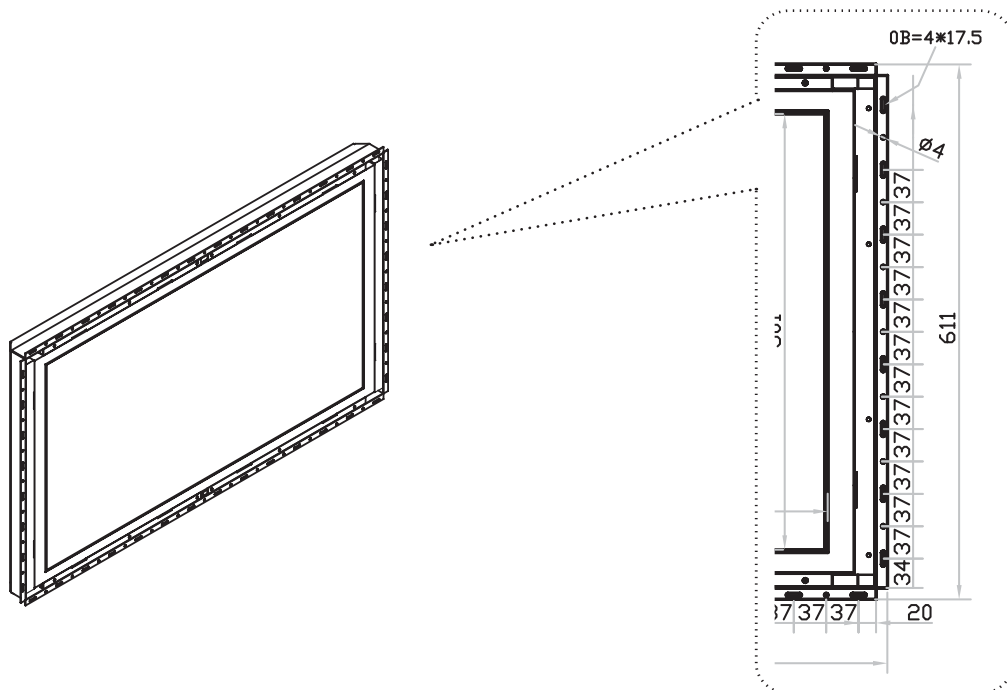
100mm VESA standard



Remarks

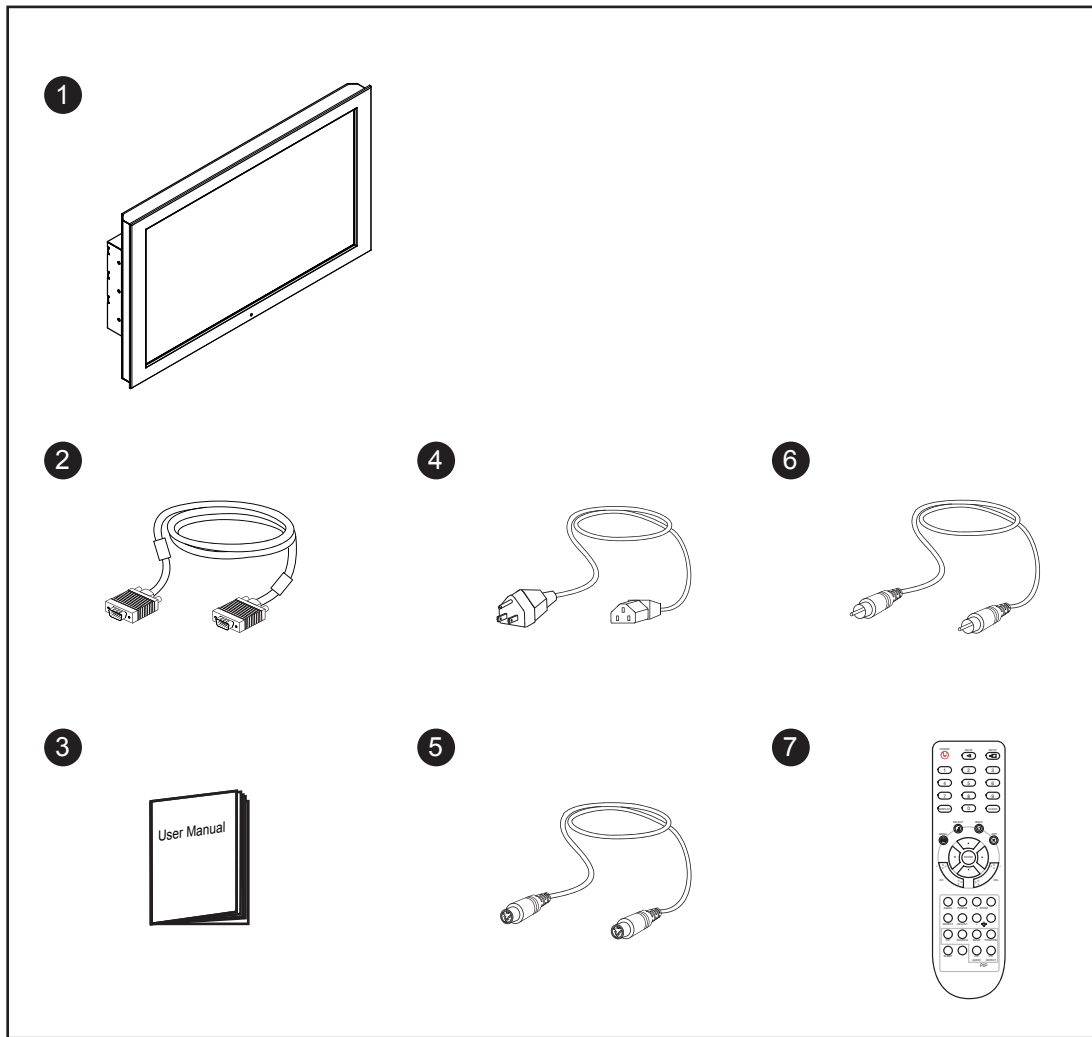
- Hardware and M6*8pcs for VESA mounting is not provided
- To avoid damage of internal components, when mounting the VESA bracket, do not use screws that exceed the depth (6mm) of the display mounting holes. Using screws that are too long may cause damage to your display

Universal open frame mounting



Remarks

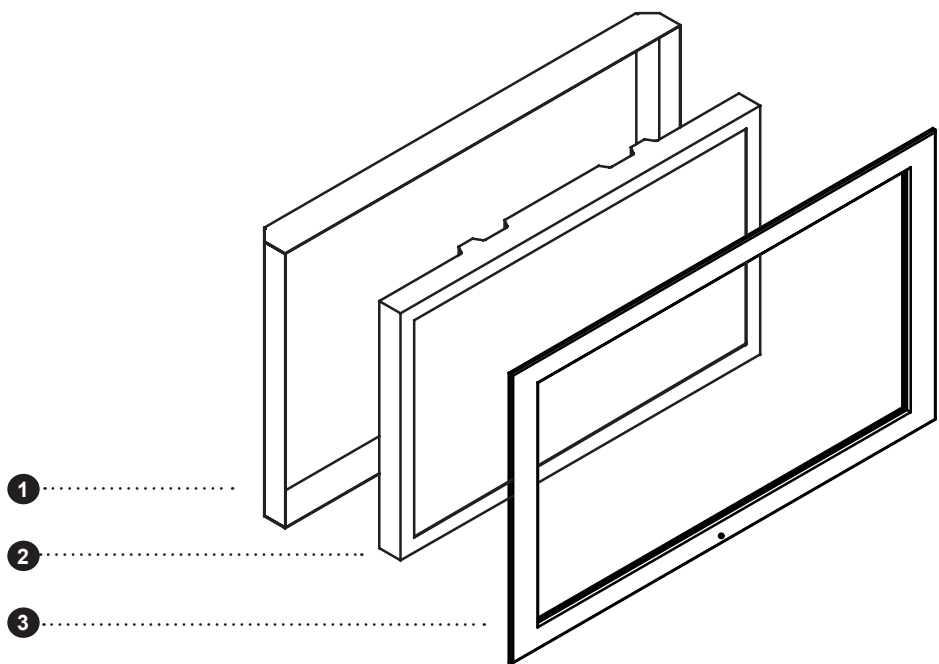
- Wall mounting set is already installed on the LCD panel.
- Hardware for fixing the LCD display is not provided.



- ① LCD display x 1 pc
- ② 6' VGA cable (male to male) x 1 pc
- ③ User manual x 1 pc
- ④ Power cord x 1 pc
- ⑤ S-Video cable x 1 pc
- ⑥ RCA cable x 1 pc
- ⑦ Remote controller x 1 pc

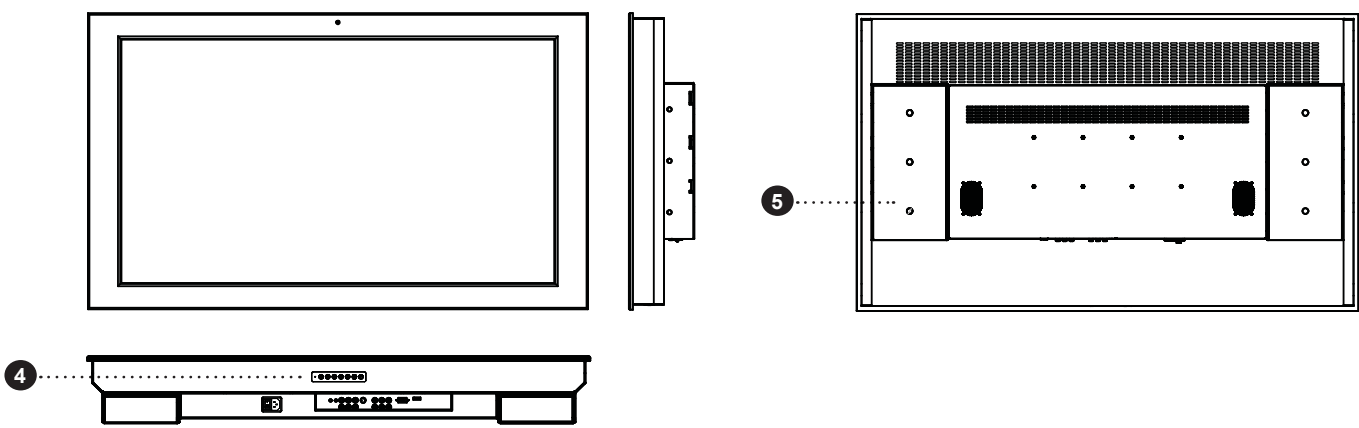
Remarks

- Wall mounting set is already installed on the back of the LCD panel



Front View

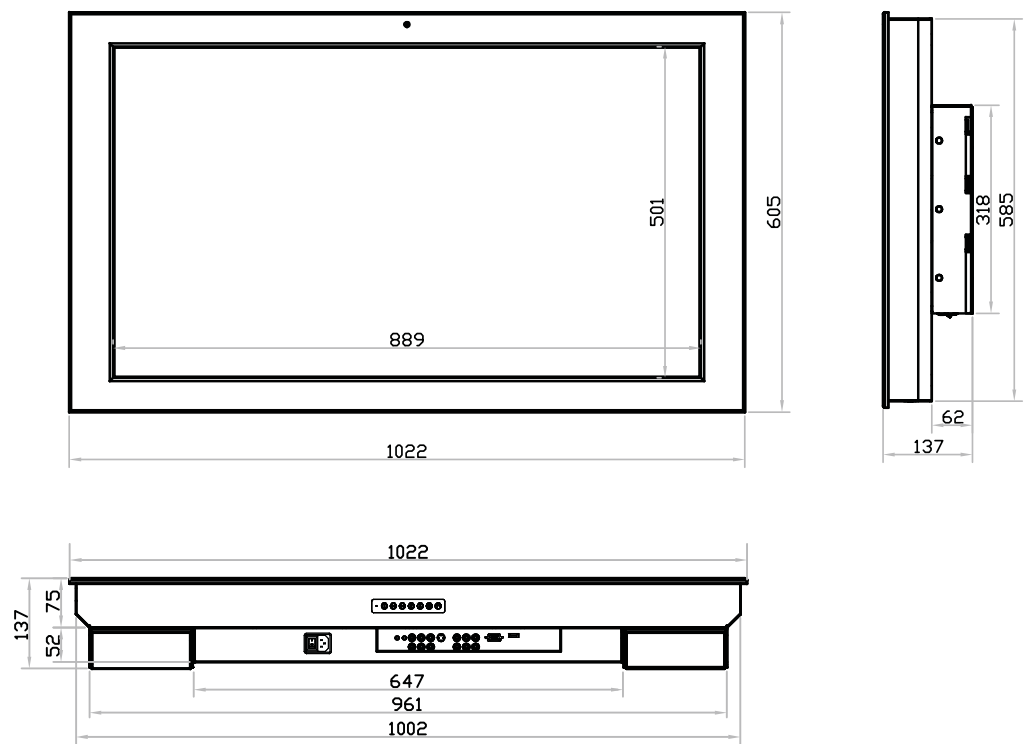
Rear View



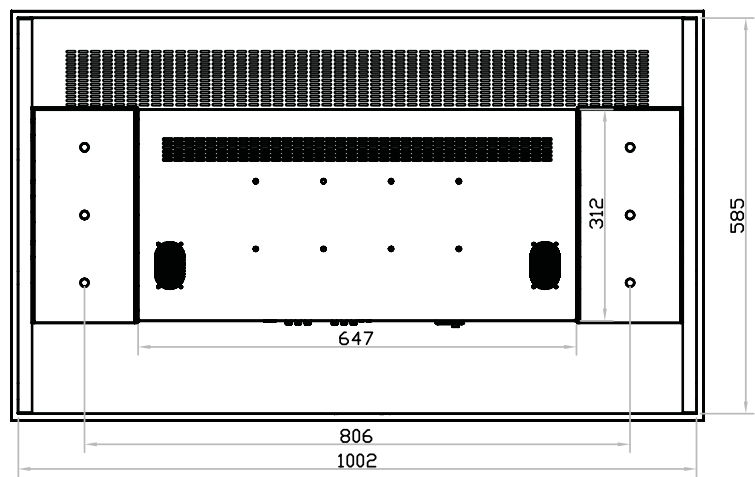
- ① Rear case
- ② SAMSUNG LCD panel
- ③ 6mm aluminum front bezel
- ④ LCD membrane
- ⑤ Wall-mount bracket

UNIT : mm
1mm = 0.03937 inch

Front View

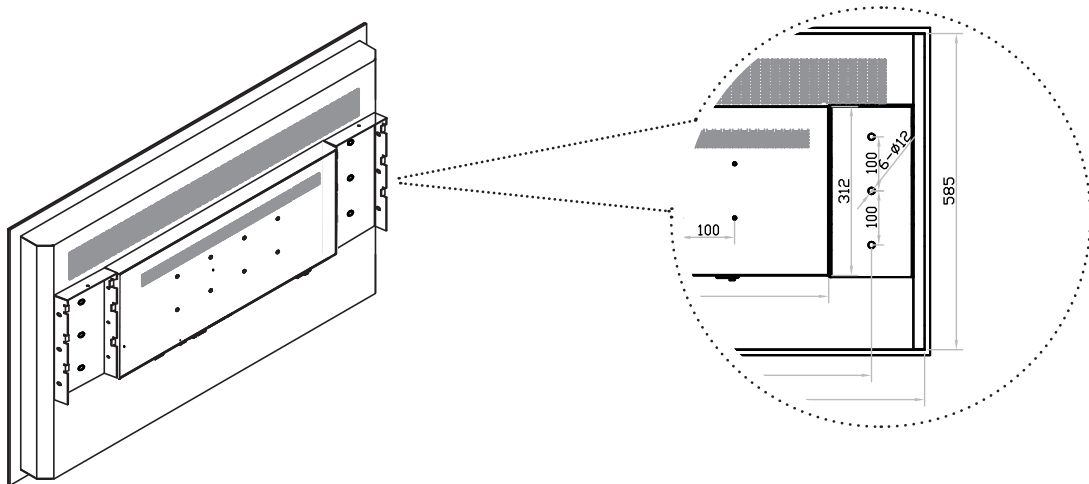


Rear View



UNIT : mm
1mm = 0.03937 inch

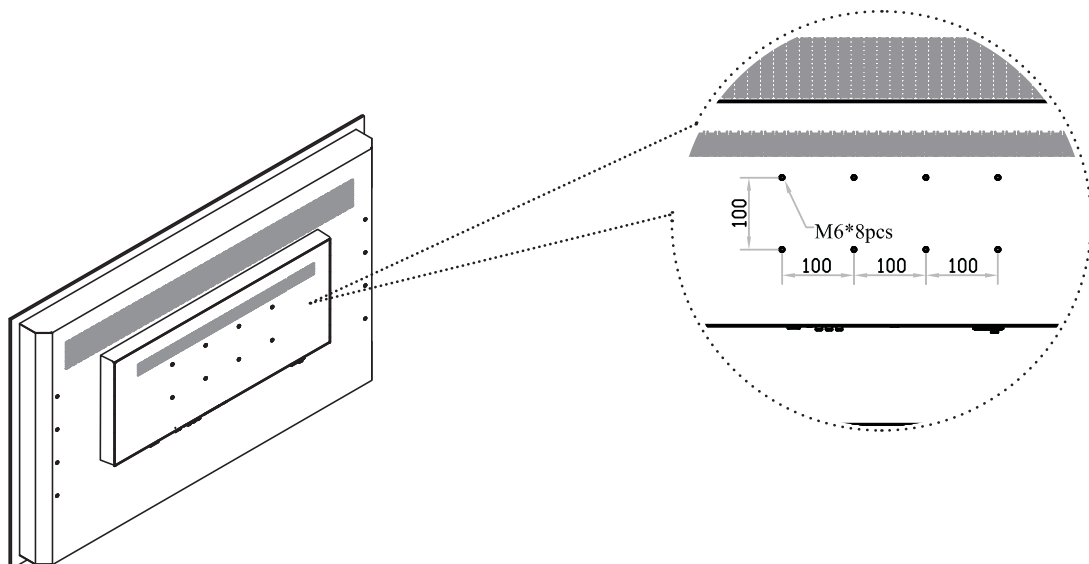
Wall mounting



Remarks

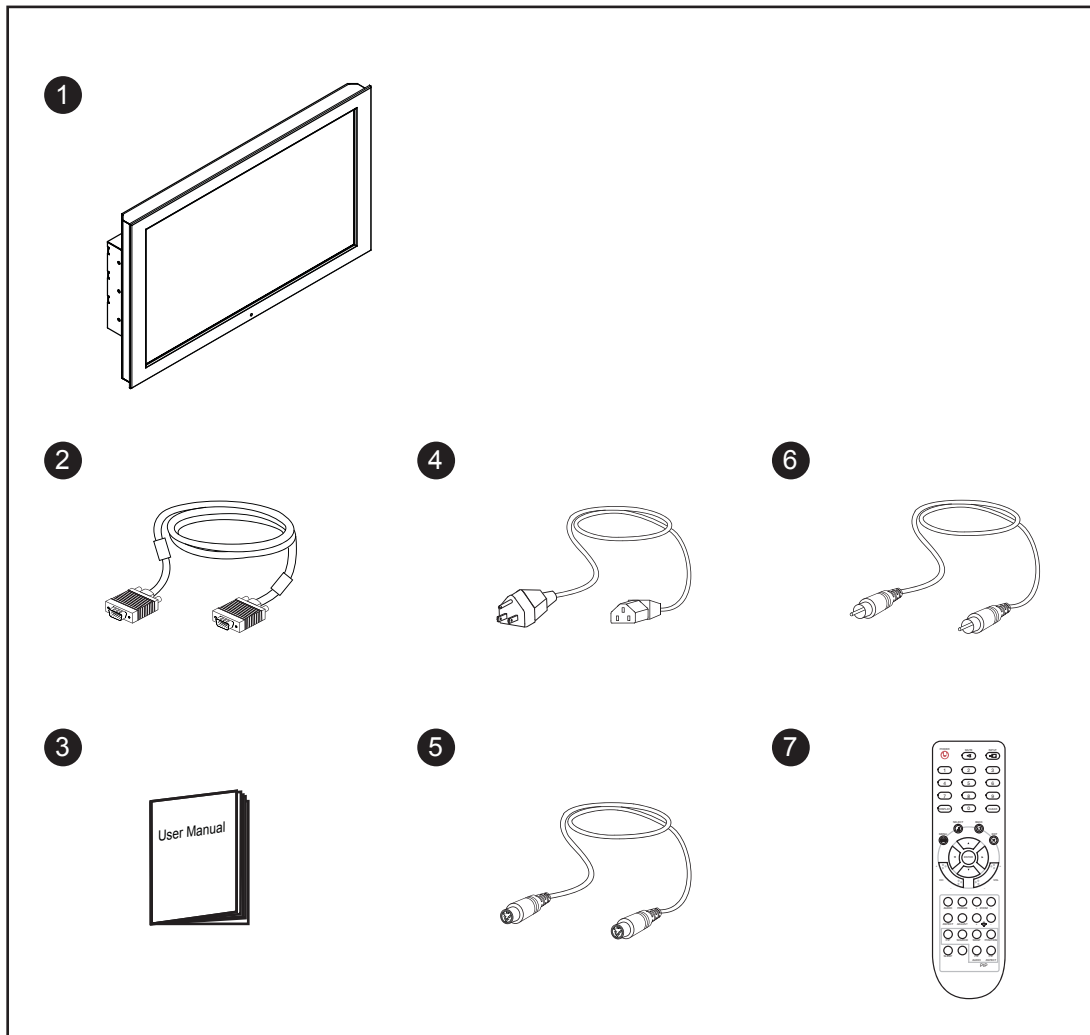
- Wall mounting set is already installed on the back of the LCD panel.

100mm VESA standard



Remarks

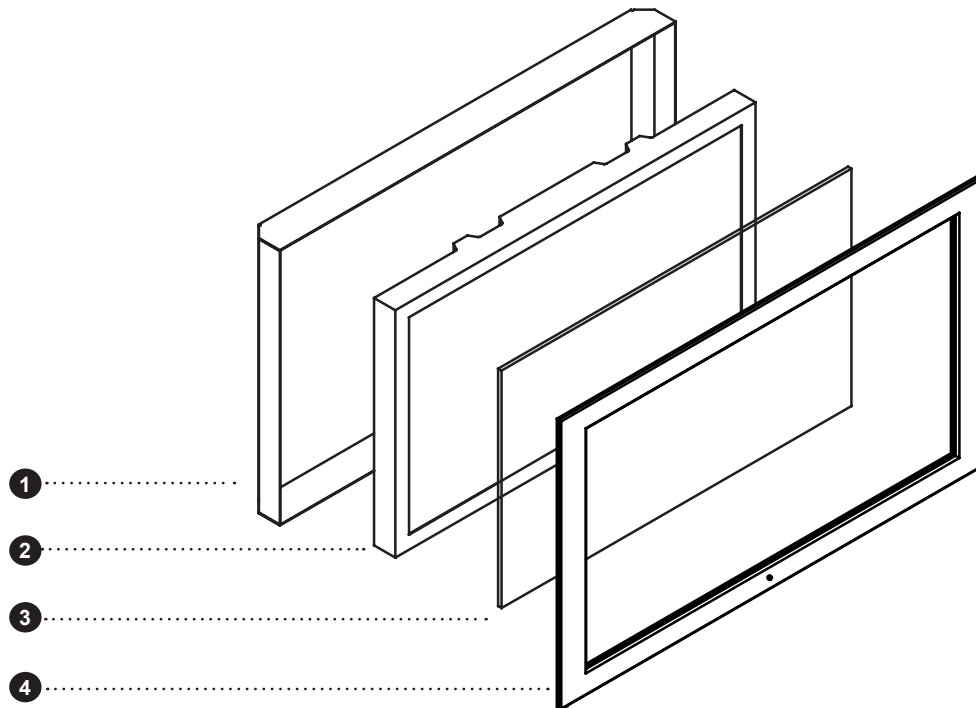
- Hardware and M6*8pcs for VESA mounting is not provided
- To avoid damage of internal components, when mounting the VESA bracket, do not use screws that exceed the depth (6mm) of the display mounting holes. Using screws that are too long may cause damage to your display



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- ② 6' VGA cable (male to male) x 1 pc
- ③ User manual x 1 pc
- ④ Power cord x 1 pc
- ⑤ S-Video cable x 1 pc
- ⑥ RCA cable x 1 pc
- ⑦ Remote controller x 1 pc

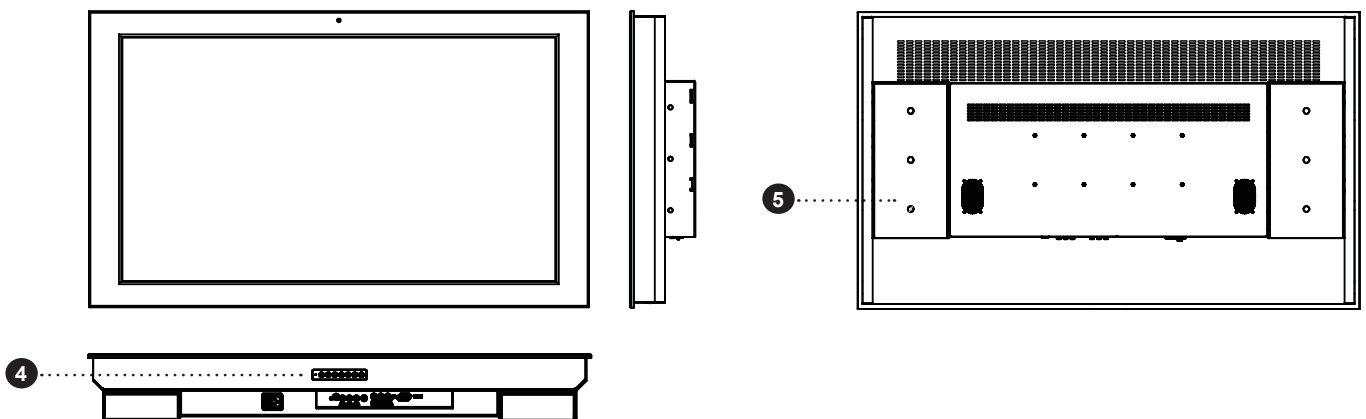
Remarks

- Wall mounting set is already installed on the back of the LCD panel.



Front View

Rear View

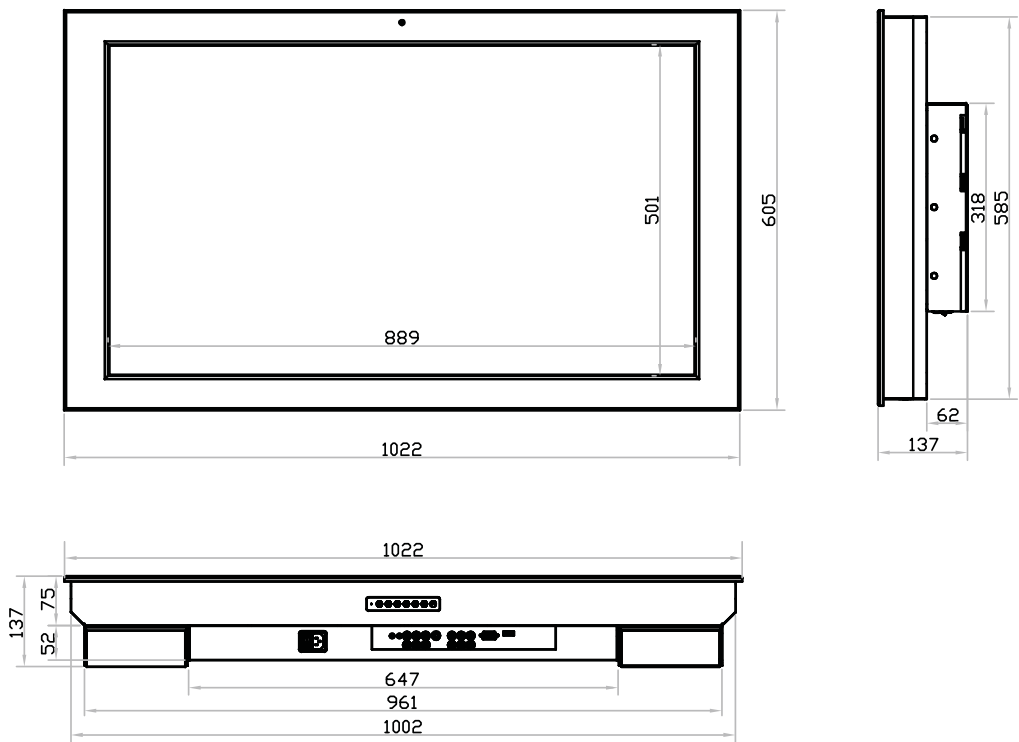


- ① Rear case
- ② SAMSUNG LCD panel
- ③ 4mm protective glass (Front Nema 4 / IP 65 protection)

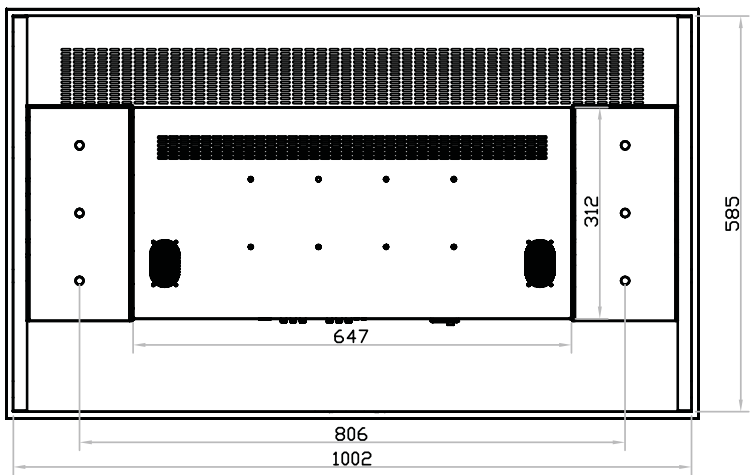
- ④ 6mm aluminum front bezel
- ⑤ LCD membrane
- ⑥ Wall-mount bracket

UNIT : mm
1mm = 0.03937 inch

Front View

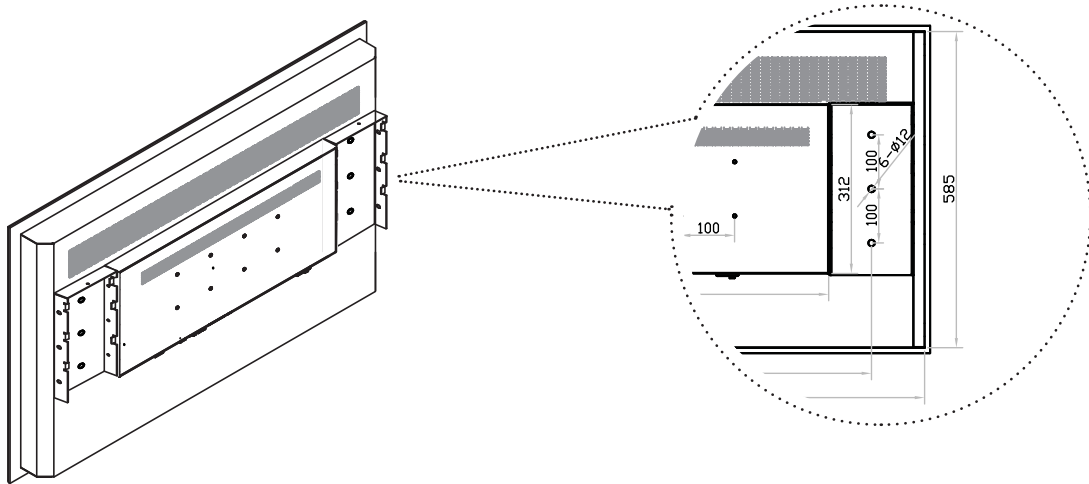


Rear View



UNIT : mm
1mm = 0.03937 inch

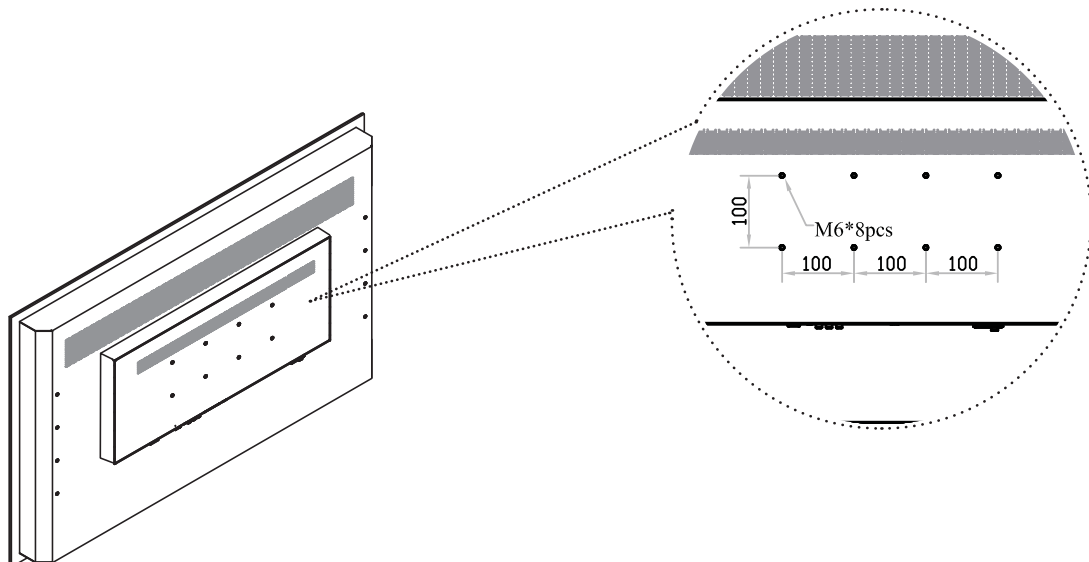
Wall mounting



Remarks

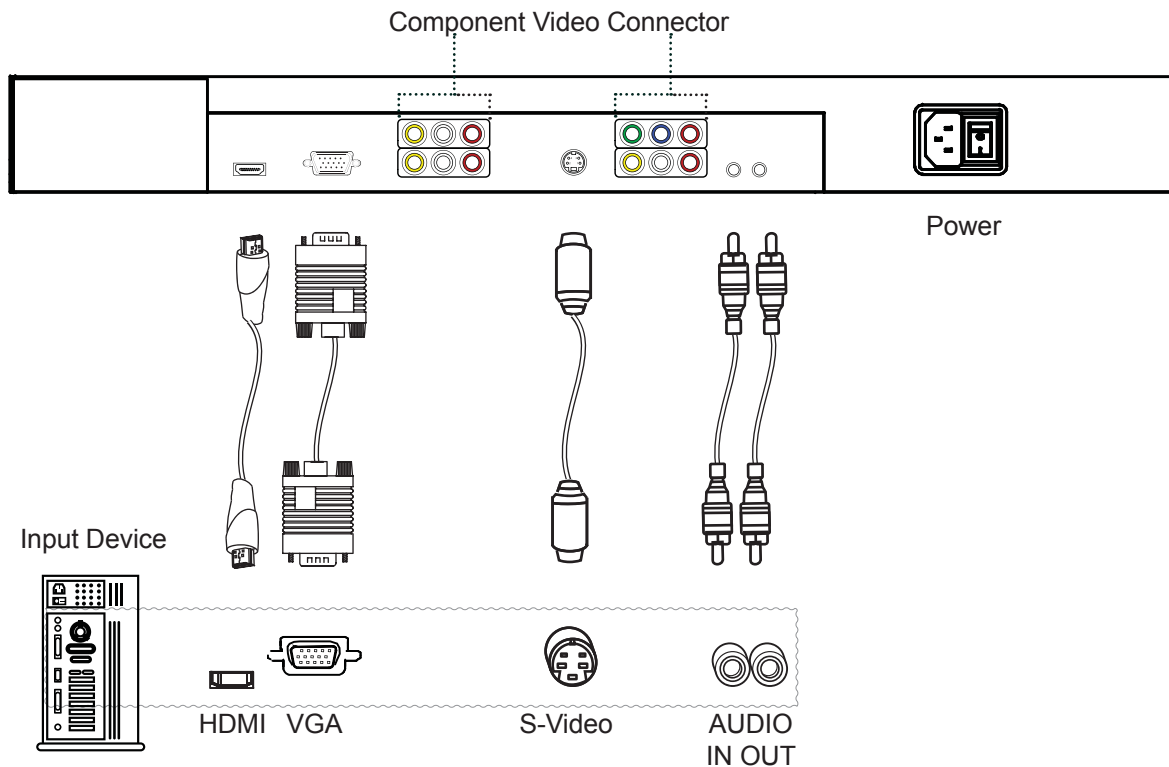
- Wall mounting set is already installed on the back of the LCD panel.

100mm VESA standard



Remarks

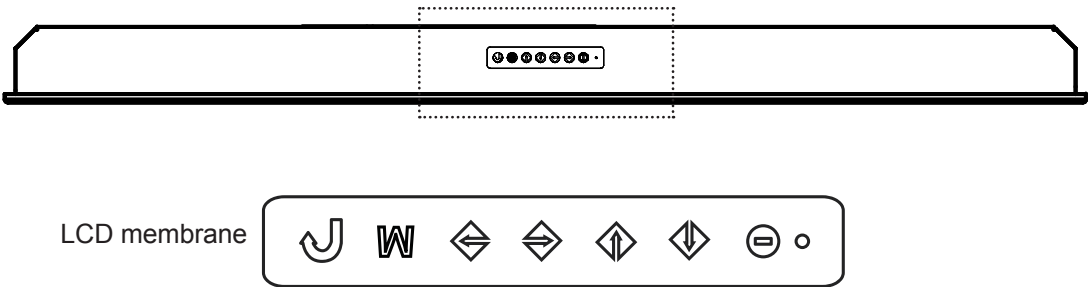
- Hardware and M6*8pcs for VESA mounting is not provided
- To avoid damage of internal components, when mounting the VESA bracket, do not use screws that exceed the depth (6mm) of the display mounting holes. Using screws that are too long may cause damage to your display



- | | |
|-------------|-----------|
| ① Video out | ④ Pb |
| ② Video 1 | ⑤ Pr |
| ③ Y | ⑥ Video 2 |



Caution : The LCD Display are hot-pluggable, but components of connected devices may not be hot-pluggable. Plugging and unplugging cables while connected devices are powered on may cause irreversible damage of the devices and LCD Display. Before attempting to connect anything to the LCD Display, we suggest that turn off power to all devices before connecting them. Apply power to connected devices again only after the LCD Display receiving power. The company is not responsible for damage caused in this way.



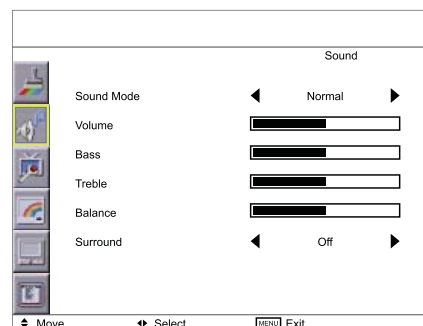
| Membrane Switch | Function |
|---|---|
| <div><div></div><div></div><div></div></div> | Power light Green = On Orange = Power saving |
| <div><div></div></div> | Power on / off LCD |
| <div><div></div><div></div></div> | Display the OSD menu |
| <div><div></div><div></div><div></div><div></div></div> | Scrolls through menu options and adjusts the displayed control (To auto adjustment by pressing the button <div></div> for 5 seconds) |
| <div><div></div></div> | Exit the OSD screen Toggle analog, digital & video connection (DVI-D and video options only) |

1. Picture

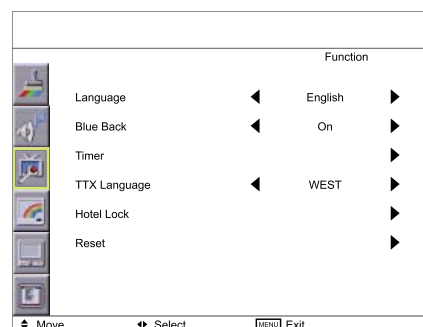
| | |
|---------------|---|
| Picture Mode: | Normal / Soft / Vivid / User mode to choose |
| Brightness: | Adjust background black level of the screen image |
| Contrast: | Adjust the difference between the image background (black level) and the foreground (white level) |
| Saturation: | Adjust the saturation of the image color |
| Sharpness: | Adjust the image from weak to sharp |
| Hue: | Adjust the screen hue value |

**2. Sound**

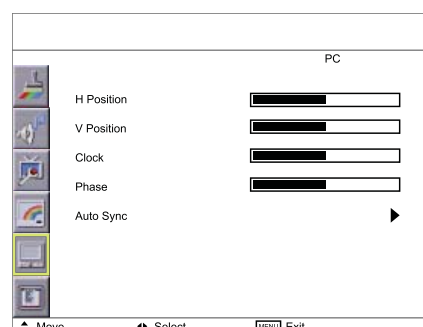
| | |
|-------------|---|
| Sound Mode: | Movie / User / Normal / News mode to choose |
| Volume: | Adjust the volume of sound |
| Bass: | To set the value of bass sound |
| Treble: | To set the value of treble sound |
| Balance: | To set the balance value of treble and bass sound |
| Surround: | Turn on or Turn off the surround sound |

**3. Function**

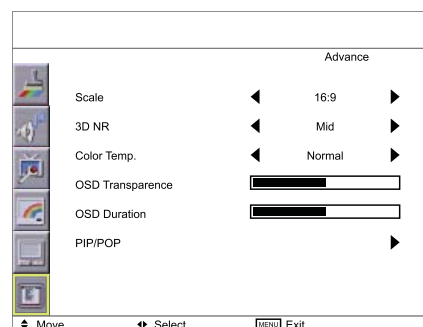
| | |
|---------------|--|
| Language: | Select the language in which the OSD menu is displayed - English |
| Timer: | To set the current time / off time & on time |
| TTX Language: | RUSSIAN, ARABIC, FARSI, WEST, EAST can be choose |
| Hotel Lock: | Default password : 0000; To enter into the Hotel Mode, Volume Control, Tuner Control, Max Volume, Change Password, Source Lock, Child Lock, Prog. Set & Prog. Num Submenu |
| Reset: | Recall returns the adjustments back to factory settings. |


**4. PC**

| | |
|--------------|--|
| H. Position: | Align the screen image left or right |
| V. Position: | Align the screen image up or down |
| Clock : | Adjust the clock value |
| Phase: | Adjust the phase value |
| Auto Sync: | Adjust automatically sizes, centers, and fine tunes the video signal to eliminate waviness and distortion. |

**5. Advance**

| | |
|-------------------|--|
| Scale: | Select the scale - 16:9 or 4:3 |
| 3D NR: | Low / Mid / High / Off mode to choose |
| Color Temp.: | Normal / Cool / Warm / User to choose |
| OSD Transparence: | Set the value of ODS Transparence |
| OSD Duration: | To set the time that menu will be display |
| PIP / POP: | To adjust picture in picture & picture on picture setting, to enter into thescale, Sub Source, PIP Size, PIP Position, Sound Source & Swap |



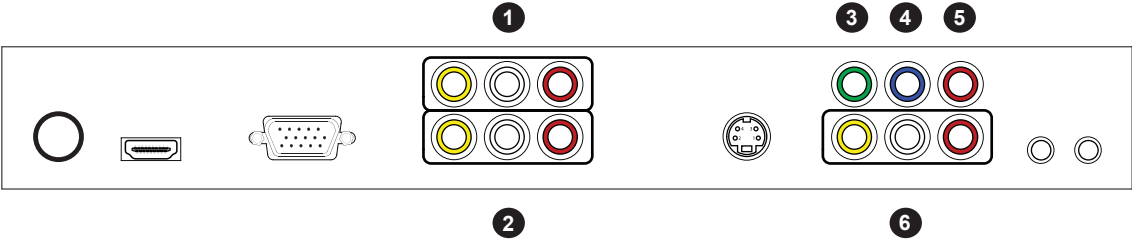
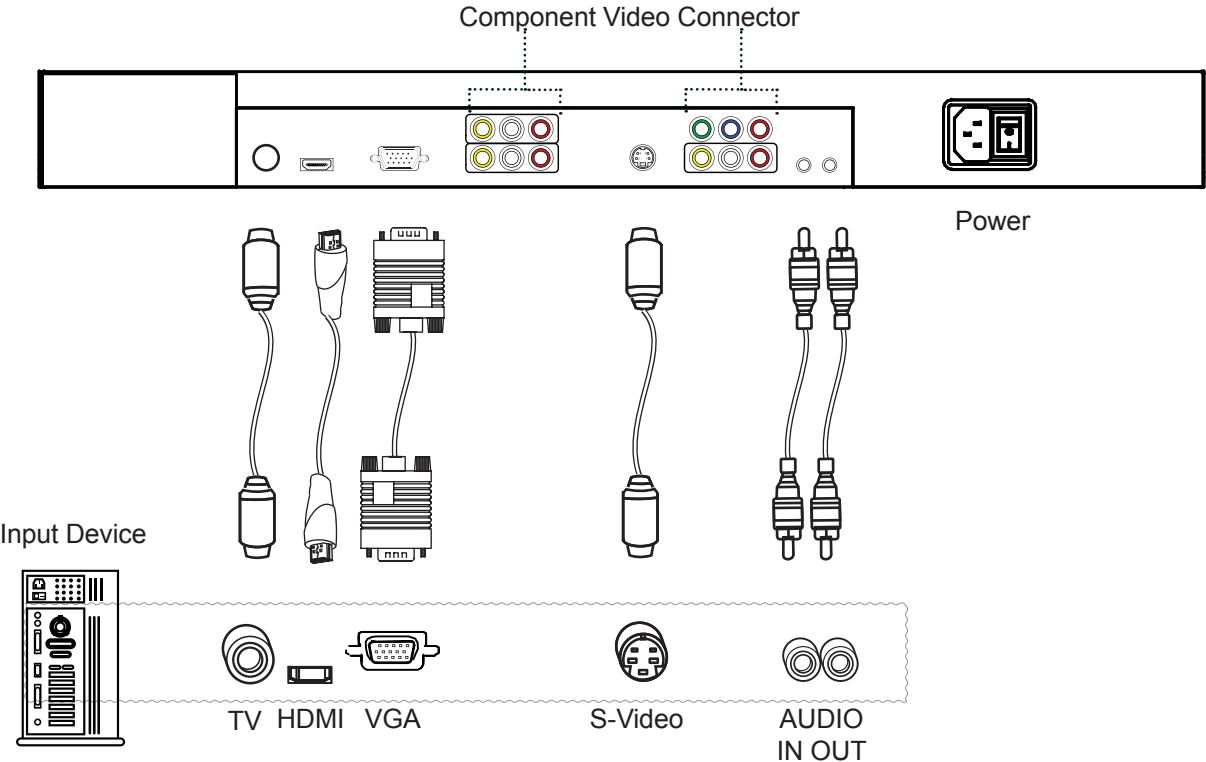
| Item | Description |
|---------------------------------|--|
| LCD Manufacturer |  |
| Diagonal Size | 40" TFT |
| Max. Resolution | 1366 x 768 |
| Brightness (cd/m ²) | 500 |
| Color Support | 16.7 M |
| Contrast Ratio (typ.) | 2000:1 |
| Viewing Angle (H/V) | 178° x 178° |
| Display Area (mm) | 885 x 498 |
| Tr Response Time (ms) | 10 |
| LCD Panel MTBF (hrs) | 50,000 |
| Display Input Signal | Analog RGB |
| Connection | DB-15 connector |
| Power Input | Auto-sensing 100 to 240VAC, 50 / 60Hz |
| Power Consumption | Max. 200 Watt, Standby 20 Watt |
| Compatibility | Multi-platform - Mix PCs, SUNs, IBMs, HPs & DELLs. |

Options

| | |
|----|--|
| TV | |
|----|--|

Environmental

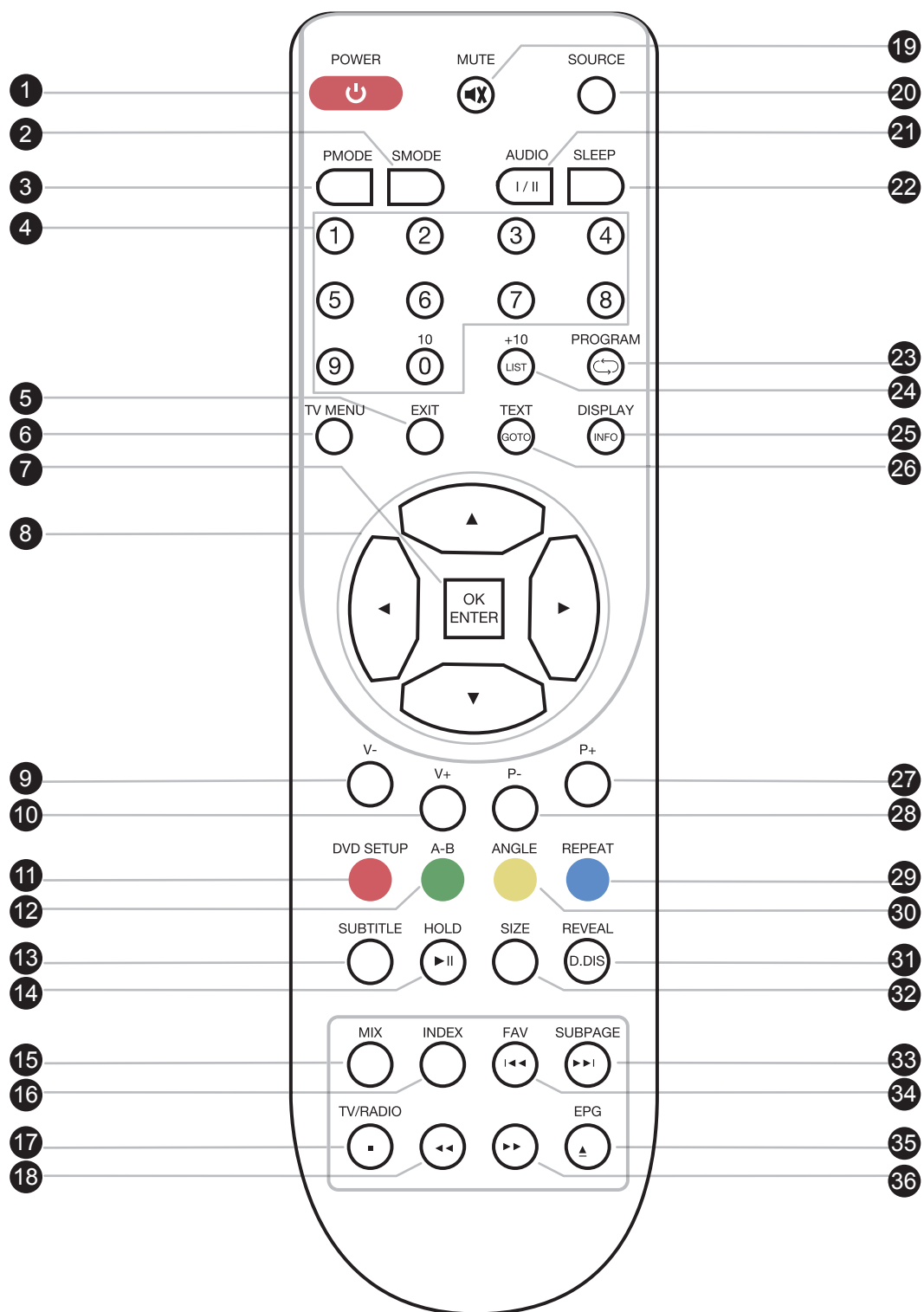
| | |
|-------------------|----------------------------------|
| Operation | 0° to 50°C Degree |
| Storage | -5° to 60°C Degree |
| Relative Humidity | 5~90%, non-condensing |
| Shock | 10G acceleration (11ms duration) |
| Vibration | 5~500Hz 1G RMS random vibration |



- | | |
|-------------|-----------|
| ① Video out | ④ Pb |
| ② Video 1 | ⑤ Pr |
| ③ Y | ⑥ Video 2 |

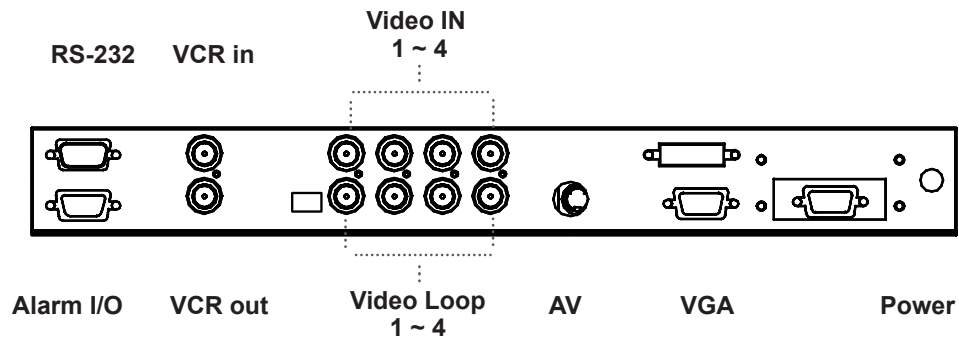
Remarks

- Package includes a remote controller



| | | |
|---|-----------------------|---|
| ① | POWER | Switches on or off the TV |
| ② | SMODE | News, Movie, User & Normal mode can be choose |
| ③ | PMODE | Soft, Vivid, User & Normal mode can be choose |
| ④ | 1 - 9 | Only use in TV mode. Select channels. For channel numbers 10 and above, enter the second digit within two seconds. |
| ⑤ | EXIT | Exit the menu or cancel |
| ⑥ | MENU | Display the menu on the screen or go to the previous menu |
| ⑦ | OK / ENTER | Enter to the select item settings or excude the setting |
| | | Go to the upper menu or select the previous value / Go to the next menu or select the next value / Decrease the setting value / Increase the setting value or enter to the select item setting |
| ⑧ | ▲ / ▼ / ◀ / ▶ | |
| ⑨ | V - | Decrease the speaker volume |
| ⑩ | V + | Increase the speaker volume |
| ⑪ | DVD SETUP | Reserve for OEM model |
| ⑫ | A-B | Reserve for OEM model |
| ⑬ | SUBTITLE | Reserve for OEM model |
| ⑭ | HOLD / ► | Reserve for OEM model |
| ⑮ | MIX | Reserve for OEM model |
| ⑯ | INDEX | Reserve for OEM model |
| ⑰ | TV / RADIO / ■ | Reserve for OEM model |
| ⑱ | ◀◀ | Reserve for OEM model |
| ⑲ | MUTE | Turn on or off the speaker |
| ⑳ | SOURCE | Selects desired input mode |
| ㉑ | AUDIO / I / II | Select sound effect: NORMAL, POPULARITY, ROCK, JAZZ, CLASSICALLY, USER |
| ㉒ | SLEEP | Select the sleeping time |
| ㉓ | PROGRAM / ↺ | Play the cycle of the previous channel watched |
| ㉔ | +10 / LIST | For channel numbers more than 10 |
| ㉕ | DISPLAY / INFO | Press this button will show the current input source |
| ㉖ | TEXT / GOTO | Input the Main Channel input source |
| ㉗ | P + | For TV model only, increase the channel number |
| ㉘ | P - | For TV model only, decrease the channel number |
| ㉙ | REPEAT | Reserve for OEM model |
| ㉚ | ANGLE | Reserve for OEM model |
| ㉛ | REVEAL / D.DIS | Reserve for OEM model |
| ㉜ | SIZE | Reserve for OEM model |
| ㉝ | SUBPAGE / ►►I | Reserve for OEM model |
| ㉞ | FAV / I ◀◀ | Reserve for OEM model |
| ㉟ | EPG / ▲ | Reserve for OEM model |
| ㊱ | ►► | Reserve for OEM model |

Specifications



| Item | | Description |
|-------------------|----------------------|----------------------------|
| Model Number | | QD (NTSC) QD (PAL) |
| Number of Color | | 16.7 M 16.7 M |
| Imaging System | | NTSC PAL |
| Resolution | | 1024 x 525 1024 x 625 |
| Refresh Rate | | 60 50 |
| Video Input | Camera Input | 1.0 Vpp, 75 Ohm x 4 |
| | VCR Input | 1.0 Vpp, 75 Ohm x 1 |
| Video Output | Live Monitor | 1.0 Vpp, 75 Ohm x 1 |
| | Loop Through Out | 1.0 Vpp, 75 Ohm x 4 |
| | VCR Output | 1.0 Vpp, 75 Ohm x 1 |
| Auto Gain Control | | Yes |
| Time / Date | | Yes |
| On Screen Display | | Yes |
| Camera Title | | 8 Character Title |
| Display Format | 2 x Zoom On Playback | Yes |
| | QUAD | Yes |
| | FULL | Yes |
| | SEQUENCY | Yes |
| Dwell Time | | 0 to 99 Sec Adjustable |
| Built-in Buzzer | | Yes |
| Key Lock | | Yes |

Remarks

- For more details, please refer to Quad Display User Manual.

1. The membrane power light is not ON

- Press the power On / Off on LCD membrane to check if the monitor is in the ON mode.
- Check the power cord is properly connected to the LCD display and power outlet.

2. Power does not turn ON

- Check whether the power plug is securely inserted into the receptable.

3. No picture are displayed

- Check cables for disconnection.
- Check whether the power for all inout equipment is ON.
- Check for connection to wrong terminals or for wrong input mode.

4. Remote controller does not function properly

- Check for incorrect battery orientation.
- Check for dead batteries.
- Check whether you are pointing the remote control transmitter properly at the display's receiver.
- Check for any obstacle between the remote and the display.

5. There are spots on the screen

- Check whether your AV equipment is affected by interference from automobiles, trains, high-voltage transmission lines, neon signs or other potential sources of interference.

6. Degraded colors/tints

- Check whether all picture adjustments have been properly made.

7. Improper screen position/size

- Check whether screen position and size have been properly adjusted.

| Model | Product Dimension (W x D x H) | Net Weight |
|------------------------|---|----------------|
| ID-40Pw series | 1028 x 119 x 611 mm 40.5 x 4.7 x 24.1" | 45 kg 99 lb |
| ID-40Aw series | 1022 x 136.6 x 605 mm 40.2 x 5.4 x 23.8" | 45 kg 99 lb |
| ID-40AwN series | 1022 x 136.6 x 605 mm 40.2 x 5.4 x 23.8" | 45 kg 99 lb |

You may need the following precautions before you begin to clean the LCD display, please read and understand the details below fully.

1. Make sure the monitor is turned off
2. Never spray or pour any liquid onto the screen directly
3. To remove dust and other particles, wipe the screen with a clean, soft, lint-free cloth.
4. Be cautious of all kinds of cleaning solvents or chemicals, some individuals may be harmful to the LCD display.
5. If the LCD display is still not clean enough, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.
6. Don't use water or oil on the monitor directly.

12.2 Cleaning the Remote Controller

1. Use a soft cloth for cleaning
2. If it is heavily stained, soak a soft cloth in a mixture of water and detergent and squeeze it dry before wiping off the stains.
3. Use a soft, dry cloth for final cleaning.

The company reserves the right to modify product specifications without prior notice and assumes no responsibility for any error which may appear in this publication.

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