



## CHAPTER 2

# The Basics

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Revised June 22, 2009

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## Package Contents

Verify that the following items are the product kit. If any items are missing, contact your dealer. Contact a local dealer to buy optional items.

- 1 Cisco LCD Professional Series display
- 1 remote control
- 2 AAA batteries



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**Note** Product kits that shipped before **April 2, 2009** include AAA batteries for your remote control. After this date, **the product kit no longer includes these batteries, which are sold separately.**

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- 1 RS-232 cable
- 1 power cable
- 3 BNC to Component adapters (with 52" displays only)
- Cisco product documentation (printed or on a CD) that either describes or directs you to:
  - The product warranty
  - Regulatory compliance and safety information
  - Proof of purchase, if relevant
  - Installation, calibration, and recommended use
  - Additional product guidance and support

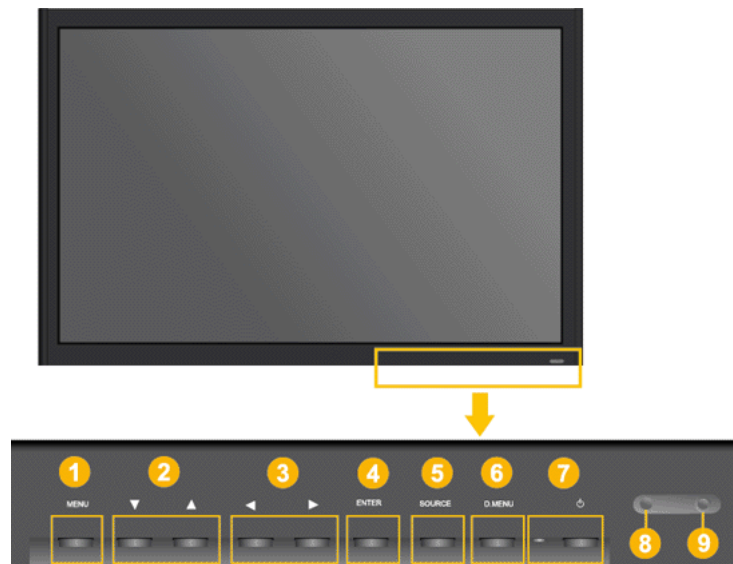
# Getting to Know Your Cisco LCD Professional Series Display

The arrangement and availability of particular features on the front and back panels differs slightly among different LCD display models in the Professional Series. For example, the 52" model has a brightness sensor on its front panel that the 40" model does not have. Also, the 52" model has BNC/Component interfaces on its back panel that the 40" model does not have.

- [About Controls and Sensors on the Front of Your LCD Display, page 2-3](#)
- [About Terminals on the Back of Your Display, page 2-4](#)
- [Using the Kensington Slot, page 2-5](#)
- [About the Remote Control, page 2-6](#)
- [Locking Front Panel Controls and the Remote Control, page 2-7](#)
- [Installing VESA Brackets, page 2-11](#)

## About Controls and Sensors on the Front of Your LCD Display

Figure 2-1 Front—40"



1	Menu button—Opens the on-screen calibration menu and closes it. Also closes submenus so that you can return to a previous menu.	6	Not available.
2	Up and Down buttons—Moves from one calibration menu option to another vertically or adjusts the values for a setting that you are calibrating.	7	Power switch  —Turns your display on and off.
3	Left and Right buttons/Volume control buttons—Moves from one calibration menu option to another horizontally or adjusts the values for a setting that you are calibrating. When you are not using the calibration menu, use these buttons to adjust audio volume levels.	8	Power indicator—Shows PowerSaver mode by blinking green.  <b>Note</b> For energy conservation, turn your LCD display off when it is not needed or when leaving it unattended for long periods. To learn more about saving power, see PowerSaver.
4	Enter button—Chooses an option that you highlighted in the calibration menu or saves and implements values that you changed in the calibration for a setting.	9	Remote control sensor—The sensor toward which you should aim the remote control.
5	Source button—Toggles which input signal to use from among all external devices that are connected to your display at the time.		

## About Terminals on the Back of Your Display

**Figure 2-2**      *Back—All Display Sizes*



A recessed area on the back of your display partially hides the power switch, the Kensington slot, the electrical socket, and the terminals where you connect signal cables. A large white sticker clearly identifies each available feature in this area. Feature availability varies among different display models but your display is likely to have at least these:

- Power Switch—Turns your display on and off.
- Power In—The power cord plugs into the LCD display and the wall plug.
- RS232C Out/In—RS232C serial port.
- DVI/HDMI In—DVI/HDMI audio input terminal.
- DVI/HDMI In—Use an HDMI cable to connect this HDMI input terminal to the HDMI output terminal on another device.
- A/V In [VIDEO] video connection terminal—Use a video cable to connect this input terminal to the video output terminal on another device.
- A/V Audio In—Audio input terminal.
- A/V Audio Out—Audio output terminal.
- RGB Out.

## Using the Kensington Slot

Kensington locks are devices used to physically secure a Cisco LCD Professional Series display that is in a public place. The locking device is sold separately. The appearance and locking method may differ from [Figure 2-3](#), depending on the manufacturer.

**Figure 2-3**      *A Typical Kensington Lock*



See the manual provided with your Kensington lock to understand its proper use. The location of the Kensington slot might differ on various Cisco LCD Professional Series display model types.

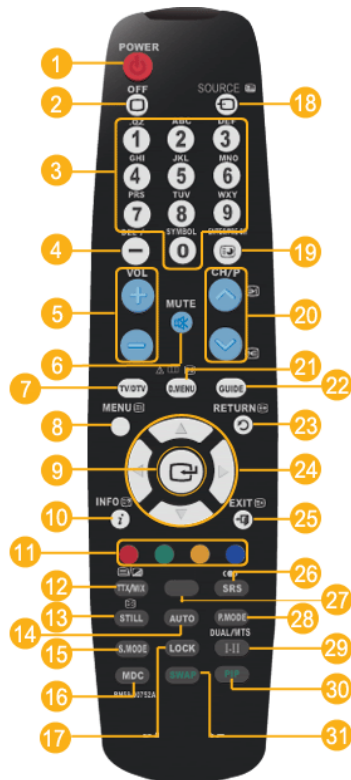
### Procedure






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|---------------|--|
| <b>Step 1</b> | Insert the locking device into the Kensington slot on the display [B]. |
| <b>Step 2</b> | Turn it in the locking direction [A].                                  |
| <b>Step 3</b> | Connect the Kensington lock cable.                                     |
| <b>Step 4</b> | Fix the Kensington lock to a desk or a heavy stationary object.        |
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


## About the Remote Control

When a TV or other electronic device is near your Cisco LCD Professional Series display, the remote control might perform poorly or malfunction due to interference with the frequency.

**Figure 2-4** Button Map



<b>1</b>	Power on  .	<b>11</b>	Not available.	<b>22</b>	Not available.
<b>2</b>	Power off  .	<b>12</b>	Not available.	<b>23</b>	Return  — Returns to the previous menu.
<b>3</b>	Number buttons—Press to change the channel.	<b>13</b>	Still—Press once to freeze the screen. Press it again to unfreeze. Audio continues without interruption.	<b>24</b>	Up/Down/Left/Right buttons—Moves from one menu item to another horizontally or vertically, or adjusts values in the selected menu.
<b>4</b>	Not available.	<b>14</b>	Not available.	<b>25</b>	Exit  — Exits from the active menu.
<b>5</b>	Audio volume +/-.	<b>15</b>	S.Mode—Shows on screen which preconfigured stereo mode is active. Press again to cycle through modes. <sup>1</sup>	<b>26</b>	Surround Sound  — SRS TS XT.

<b>6</b>	Mute  —Mutes audio output temporarily and shows an icon on the lower left of the LCD panel. To restore audio output, press MUTE or press -VOL+.	<b>16</b>	Not available.	<b>27</b>	Not available.
<b>7</b>	Not available.	<b>17</b>	Lock—Activates or deactivates all function keys on both the remote control and the LCD display except for the Lock button. <sup>2</sup>	<b>28</b>	P.Mode—Shows on screen which preconfigured picture mode is active. Press again to cycle through modes. <sup>3</sup>
<b>8</b>	Menu—Opens the calibration (OSD) menu and exits from it.	<b>18</b>	Source  —Changes the input signal source. Changing the source is permitted only for external devices that are connected to the display.	<b>29</b>	Not available.
<b>9</b>	Select  —Activates a highlighted menu item.	<b>19</b>	Not available.	<b>30</b>	Not available.
<b>10</b>	Info  —Current picture information is displayed on the upper left corner of the screen.	<b>20</b>	Not available.	<b>31</b>	Not available.
		<b>21</b>	Not available.		

1. Cisco LCD Professional Series displays include a built-in high fidelity stereo amplifier with five preconfigured modes: *Standard*, *Music*, *Movie*, *Speech*, and *Custom*.
2. To learn how to use this feature, see [Locking Front Panel Controls and the Remote Control](#), page 2-7. To learn how to change the PIN, see [Editing the 4-digit PIN from the Safety Lock PIN Menu](#), page 4-14.
3. Cisco LCD Professional Series displays are preset with four picture modes: *Dynamic*, *Standard*, *Movie*, and *Custom*.

## Locking Front Panel Controls and the Remote Control

You can protect your LCD display from unauthorized use by locking the controls on its front panel and locking the buttons on your remote control. While they locked, all of these features are unavailable, except buttons that you use on the remote control to enter a secret PIN and thereby regain access.

### Procedure

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- Step 1** To lock these features, press **Lock** on your remote control.
- Step 2** To unlock these features, press **Lock** again and then press numeric buttons on the remote control to enter the 4-digit PIN.

Our factory default values are well known for the PIN, which is not secret until after you change it from the factory default. The default is **0000** for 40" LCD displays and **1234** for 52" LCD displays.

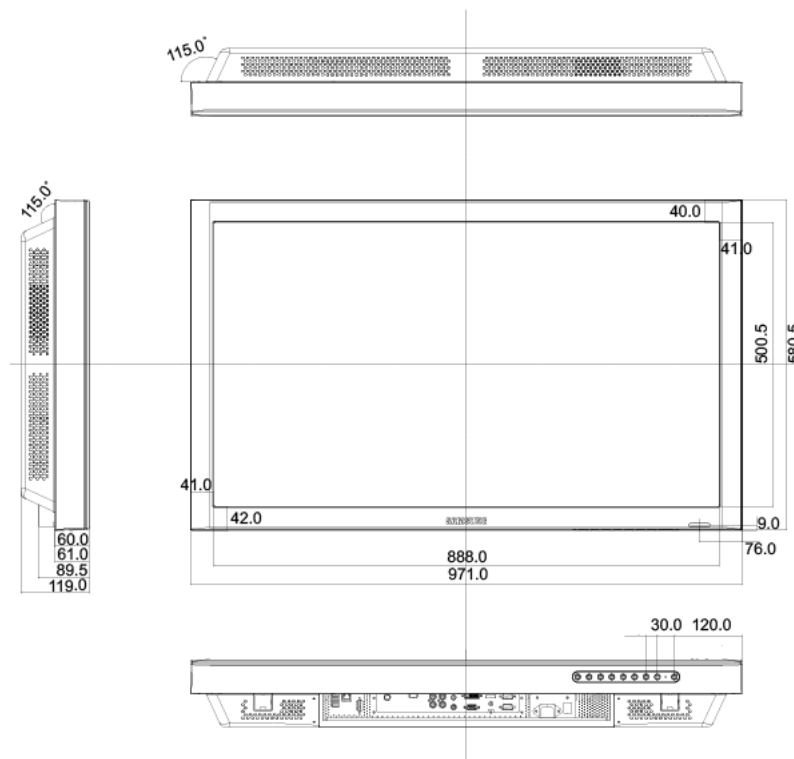
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### Related Topics

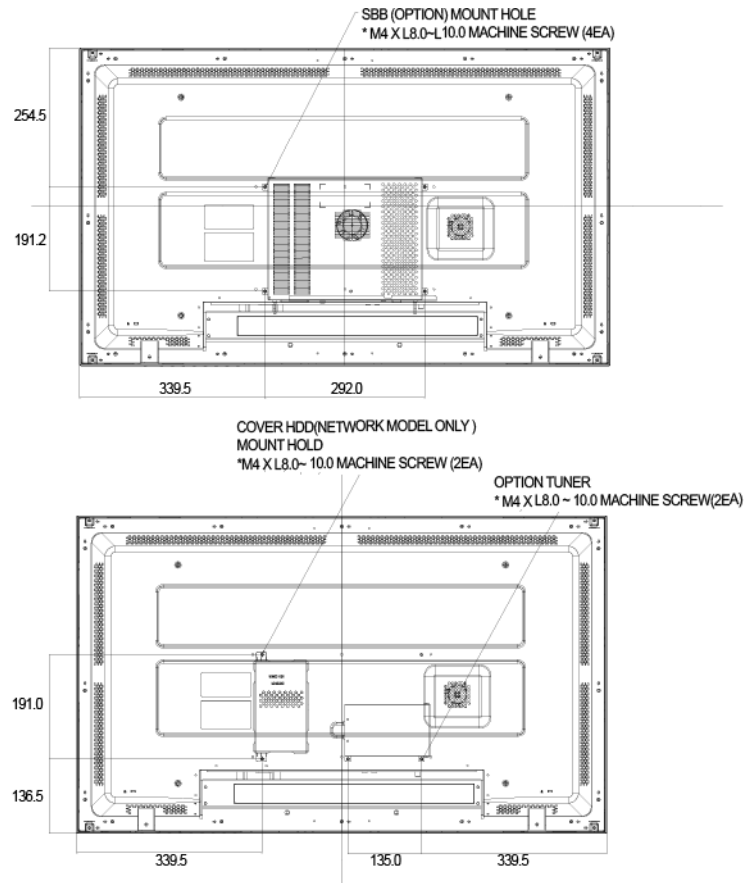
- [About Controls and Sensors on the Front of Your LCD Display](#), page 2-3
- [About the Remote Control](#), page 2-6
- [Editing the 4-digit PIN from the Safety Lock PIN Menu](#), page 4-14

## Mechanical Layout — LCD Professional Series 100 (40" Display)

Figure 2-5 LCD-100-Pro-40N

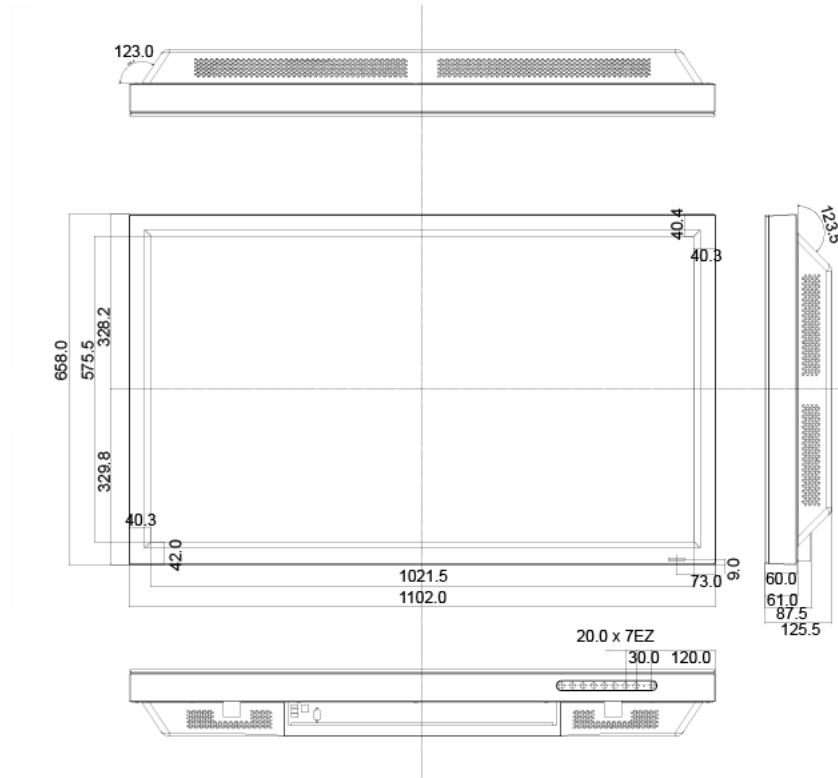


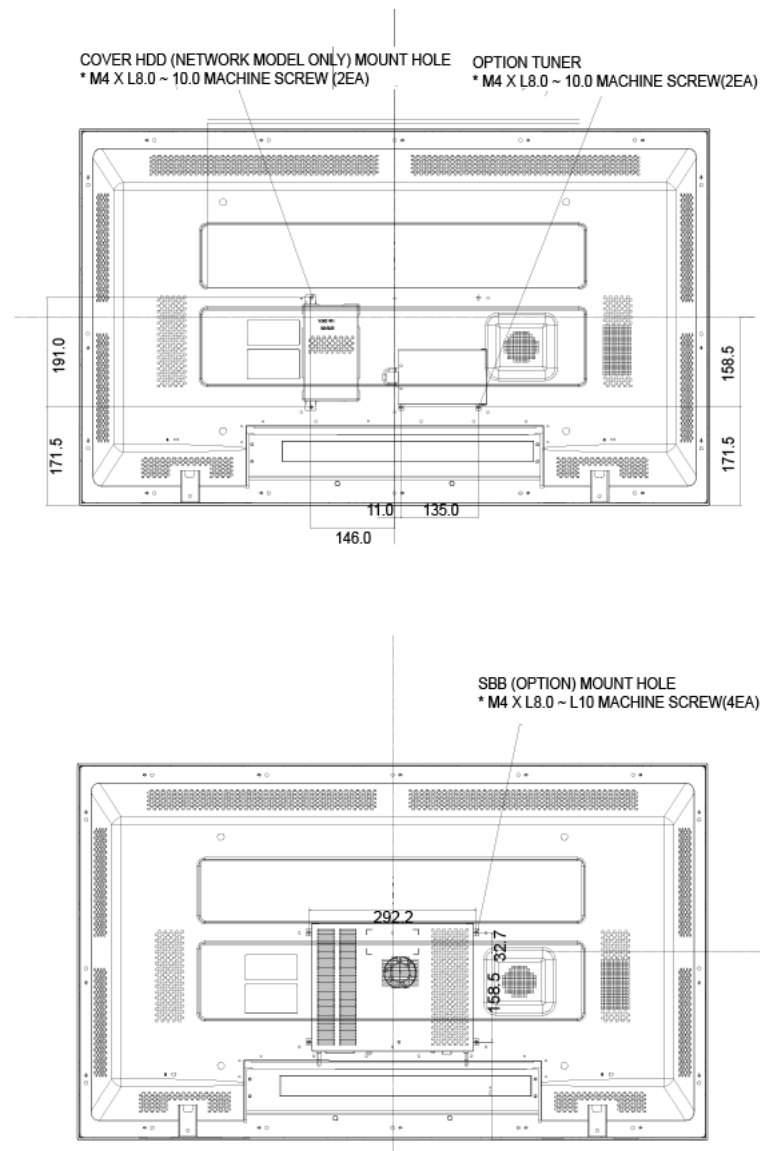


**Figure 2-6 LCD Display Head for 40" Display**

## Mechanical Layout — LCD Professional Series 110 (52" Display)

Figure 2-7 LCD-110-Pro-52S



**Figure 2-8** *LCD Display Head for 52" Display*

## Installing VESA Brackets

VESA brackets are optional, installed at your discretion, and Cisco is not responsible for any product damage or any injury arising from VESA bracket installations. When you use VESA brackets with Cisco LCD Professional Series displays, be sure to comply with international VESA standards.

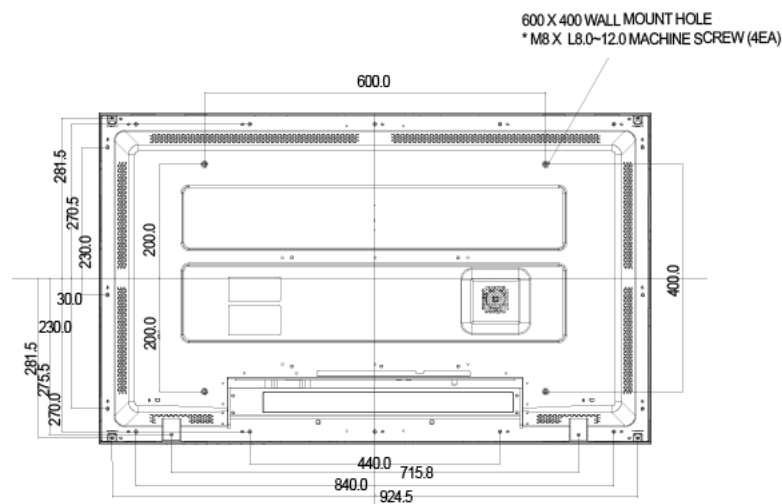
We recommend that you schedule an installation by licensed contractors who can visit your site and install the bracket.

To understand safe handling practices for your Cisco LCD Professional Series display, see the [“Important Safety and Compliance Information”](#) chapter in this guide.

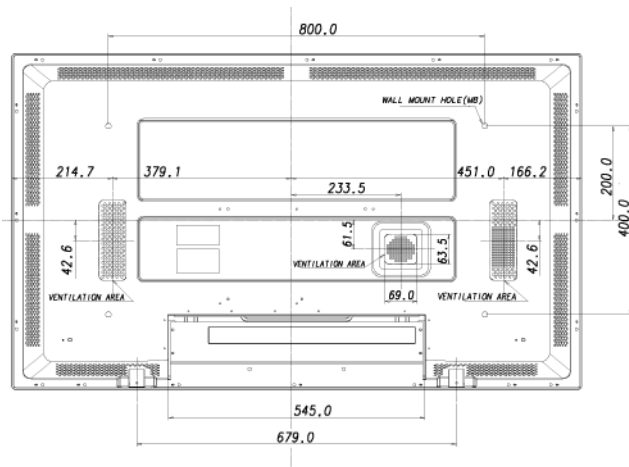
In the LCD Professional Series, VESA mounting interface dimensions are:

- 600mm x 400mm for a 40" LCD display.
- 800mm x 400mm for a 52" LCD display.

**Figure 2-9 40" VESA Bracket Dimensions**



**Figure 2-10 52" VESA Bracket Dimensions**



**Note**

For securing the bracket on a wall, use only machine screws of 6 mm diameter and 8 to 12 mm length.