



# User Guide for Cisco LCD Professional L-Series 32" Displays

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#### **Americas Headquarters**

Cisco Systems, Inc. 170 West Tasman Drive San Jose, CA 95134-1706 USA http://www.cisco.com Tel: 408 526-4000 800 553-NETS (6387) Fax: 408 527-0883

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# **Adjusting Display Settings**

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# **Opening and Closing the Main Menu**

#### Procedure

Step 1

- Do either of the following:
  - Press Menu on the remote control.
  - Press Menu on the front panel of your LCD display.
- Step 2 St

Stop. You have completed this procedure.

# **Using the Picture Menu**

Picture

- Picture Mode, page 1-2
- Color Temperature, page 1-3
- Advanced, page 1-3
- Aspect Ratio, page 1-4
- Picture Reset, page 1-5

• Screen, page 1-6

### **Picture Mode**

#### Procedure

Step 1	Press Picture, and then choose Picture Mode.
Step 2	Press the Up and <b>Down</b> buttons to highlight an option in the list.

While an option is highlighted, you can choose it. You can use only one option at a time. The factory-preset options are:

- Vivid—For a sharp image.
- Standard—For everyday use.
- Cinema—For movies, videos, or concerts. This option lowers the brightness.
- Sport—For a softened image.
- Game—For video game play.
- User1 and User2—For settings that you define around these parameters:
  - Backlight—Controls brightness for the LCD panel.
  - Contrast—Adjusts the difference between light and dark levels.
  - Brightness—Adjusts screen brightness.
  - Color—Adjusts color levels.
  - Sharpness—Adjusts picture clarity.
  - Tint—Adjusts tint levels.
  - Expert—Compensates for deficiencies in preset picture modes or adjusts values for a particular image. This option is available for User2 but not User1.

Tin

When you choose Vivid, Standard, Cinema, Sport, or Game, the values for all subsequent menus are set automatically.

**Step 3** Press **Enter** to choose the highlighted option.

Some options describe a value whose degree of intensity you can pinpoint along a spectrum that ranges from weak to strong:

- In a vertical spectrum, the low end is weak and the high end is strong.
- In a horizontal spectrum, the left end is weak and the right end is strong.
- **Step 4** (**Optional**) If you chose an intensity value that should be changed, do one of the following.
  - Press the Up and Down buttons to move the fixed point along a vertical spectrum.
  - Press the Left and Right buttons to move the fixed point along a horizontal spectrum.
- **Step 5** (**Optional**) If you changed an intensity value, press **Enter** to confirm and apply the new value.
- **Step 6** Stop. You have completed this procedure.

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spectrum that ranges

#### **Related Topics**

• Using the Picture Menu, page 1-1

### **Color Temperature**

#### Procedure

Step 1	Press Picture, and then choose Color Temperature.
Step 2	Press the <b>Up</b> and <b>Down</b> buttons to highlight an option in the list.
	While an option is highlighted, you can choose it. You can use only one option at a time. The factory-preset options are:
	• Cool—For whites that are slightly purple.
	• Medium—For whites that are slightly blue.
	• Warm—For whites that are slightly red.
	• User—For defining custom color levels.
	- Red—Set color levels for red.
	- Green—Set color levels for green.
	- Blue—Set color levels for blue.
Step 3	Press Enter to choose the highlighted option.
	Some options describe a value whose degree of intensity you can pinpoint along a spectrum from weak to strong:
	• In a vertical spectrum, the low end is weak and the high end is strong.
	• In a horizontal spectrum, the left end is weak and the right end is strong.
Step 4	( <b>Optional</b> ) If you chose an intensity value that should be changed, do one of the following.

- Press the Up and Down buttons to move the fixed point along a vertical spectrum.
- Press the Left and Right buttons to move the fixed point along a horizontal spectrum.
- Step 5 (Optional) If you changed an intensity value, press Enter to confirm and apply the new value.
- Stop. You have completed this procedure. Step 6

#### **Related Topics**

• Using the Picture Menu, page 1-1

### **Advanced**

#### Procedure

- Step 1 Press Picture, and then choose Advanced.
- Step 2 Press the Right button.

Gamma	Set your own gamma value. The options are:
	• -50
	• 0
	• 50
	Higher gamma values whiten images and brighten the screen. Lower gamma values have the opposite effect.
Film Mode	Use settings that are optimized to view a theatrical movie.
Black Level	Set the contrast and brightness values for blackness.

While a mode is highlighted, you can edit it.

- Low—Brightens screen reflections.
- High—Darkens screen reflections.
- NR—Reduces visual noise without damaging picture quality.
- **Step 3** Press **Enter** to choose the highlighted option.

Some options describe a value whose degree of intensity you can pinpoint along a spectrum that ranges from weak to strong:

- In a vertical spectrum, the low end is weak and the high end is strong.
- In a horizontal spectrum, the left end is weak and the right end is strong.

**Step 4** (**Optional**) If you chose an intensity value that should be changed, do one of the following.

- Press the Up and Down buttons to move the fixed point along a vertical spectrum.
- Press the Left and Right buttons to move the fixed point along a horizontal spectrum.
- **Step 5** (**Optional**) If you changed an intensity value, press **Enter** to confirm and apply the new value.
- **Step 6** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Picture Menu, page 1-1

### **Aspect Ratio**

#### Procedure

Step 1	Press Picture, and then choose Aspect Ratio.
Step 2	Press the <b>Up</b> and <b>Down</b> buttons to highlight an option in the list.
	While an option is highlighted, you can choose it. You can use only one option at a time. The factory-preset options are:
	• 16:9—Use widescreen mode.

• Just Scan—Use 1:1 pixel-mapping mode that fills the screen without relying upon overscan, letter boxing, or pillar boxing.

- Original—Use whichever aspect ratio is expressed within the incoming video signal.
- 4:3—Use the commonest aspect ratio from 20th century television broadcasts.
- 14:9—Use letter boxing and pillar boxing together to maintain the correct aspect ratio for 14:9 video.
- Zoom1 and Zoom2—Use magnification with 4:3 video until it fills the 16:9 screen. The top and bottom are cut off.

### $\mathcal{P}$

- TipWhen you use Just Scan mode, you might notice visible artifacts along the top edge of any video<br/>that includes signals for closed captioning. These artifacts are ordinarily hidden in overscan.
- **Step 3** Press **Enter** to confirm and apply the highlighted option.
- **Step 4** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Picture Menu, page 1-1

### **Picture Reset**

You can restore factory-default values simultaneously for these Picture menu settings:

- Picture Mode
- Color Temperature
- Advance

#### Procedure

- Step 1 Press Picture, and then choose Picture Reset.
- **Step 2** Press the **Right** button.
- **Step 3** Press **Enter** to confirm and apply the reset.
- **Step 4** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Picture Menu, page 1-1

### Screen

You can adjust the horizontal and vertical proportions and centering of video on your display screen.

#### Procedure

- Step 1 Press Picture, and then choose Screen.
- **Step 2** Press the **Up** and **Down** buttons to highlight an option in the list.

While an option is highlighted, you can choose it. You can use only one option at a time. The options are:

- Manual Config—Use when videos have a distorted aspect ratio or are misplaced on screen.
  - H-Position—Adjust video centering horizontally.
  - V-Position—Adjust video centering vertically.
  - H-Size—Adjust video proportions horizontally.
  - V-Size—Adjust video proportions vertically.
- Reset—Use to restore factory-default settings for horizontal and vertical.
- **Step 3** Press **Enter** to choose the highlighted option.
- **Step 4** Adjust values that define video coordinates or proportionality.
  - Press the Up and Down buttons to adjust the vertical attribute.
  - Press the Left and Right buttons to adjust the horizontal attribute.
- **Step 5** Press **Enter** to confirm and apply the new values.
- **Step 6** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Picture Menu, page 1-1

## **Using the Audio Menu**

### 0

- Sound Mode, page 1-7
- Auto Volume, page 1-7
- Balance, page 1-8
- Speaker, page 1-8

### **Sound Mode**

#### Procedure

- **Step 1** Press **Audio**, and then choose **Sound Mode**.
- Step 2 Press the Up and Down buttons to highlight an option in the list.

While an option is highlighted, you can choose it. You can use only one option at a time. The factory-preset options are:

- Clear Voice—For differentiating human speech from all other audio.
- Standard—For a broad and general range of uses.
- Music—For musical performances.
- Cinema—For lush audio.
- Sport—For sports broadcasts.
- Game—For dynamic audio in video games.
- User—For user-defined audio settings.
- **Step 3** Press **Enter** to confirm and apply the highlighted option.
- **Step 4** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Audio Menu, page 1-6

### **Auto Volume**

You can compensate automatically for poorly balanced or uneven audio channels.

#### Procedure

- Step 1 Press Audio, and then choose Auto Volume.
- **Step 2** Turn the setting **On** or **Off**.
- **Step 3** Press **Enter** to apply the setting.
- **Step 4** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Audio Menu, page 1-6

### Balance

You can balance sound levels automatically between the left and right speakers.

#### Procedure

Step 1	Press Audio, and then choose Balance.
Step 2	Turn the setting <b>On</b> or <b>Off</b> .
Step 3	Press Enter to apply the setting.
Step 4	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Audio Menu, page 1-6

### **Speaker**

You can turn internal speakers On or Off.



We recommend that you turn Off the internal speakers whenever external speakers are connected to your display.

#### Procedure

Step 1	Press Audio, and then choose Speaker.
Step 2	Turn the speakers <b>On</b> or <b>Off</b> .
Step 3	Press Enter to apply the setting.
Step 4	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Audio Menu, page 1-6

# **Using the Time Menu**



- Clock, page 1-9
- On/Off Timer, page 1-9
- Sleep Time, page 1-10

- Auto Sleep, page 1-10
- Power On Delay, page 1-11

### Clock

If the displayed time is not correct, you can correct it.

#### Procedure

Step 1	Press Time, and then choose Clock.
Step 2	Press the <b>Right</b> button.
Step 3	Press the Up and Down buttons to choose an hour in the range from 00 to 23.
Step 4	Press the <b>Right</b> button.
Step 5	Press the <b>Up</b> and <b>Down</b> buttons to choose a minute in the range from 00 to 59.
Step 6	Press the <b>Right</b> button.
Step 7	Press the Up and Down buttons to choose AM or PM.
Step 8	Press Enter to save and apply your work.
Step 9	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Time Menu, page 1-8

### **On/Off Timer**

You can enable or disable standby mode and schedule when your display enters standby mode.

#### Procedure

Step 1	Press Time, and then choose On/Off Timer.
Step 2	Press the <b>Right</b> button.
Step 3	Press the <b>Up</b> and <b>Down</b> buttons to choose an hour in the range from 00 to 23.
Step 4	Press the <b>Right</b> button.
Step 5	Press the <b>Up</b> and <b>Down</b> buttons to choose a minute in the range from 00 to 59.
Step 6	Press the <b>Right</b> button.
Step 7	Press the Up and Down buttons to choose On or Off.
Step 8	Press the <b>Right</b> button.
Step 9	Press the Up and Down buttons to choose Select Input or On Timer.

- **Step 10** Press **Enter** to save and apply your work.
- **Step 11** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Time Menu, page 1-8

### **Sleep Time**

You can schedule when your display will turn itself Off automatically.

#### Procedure

Step 1	Press Time, and then choose Sleep Time.
Step 2	Press the <b>Right</b> button.
Step 3	Press the <b>Up</b> and <b>Down</b> buttons to choose an hour in the range from 00 to 23.
Step 4	Press the <b>Right</b> button.
Step 5	Press the Up and Down buttons to choose a minute in the range from 00 to 59.
Step 6	Press Enter to save and apply your work.
Step 7	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Time Menu, page 1-8

### **Auto Sleep**

You can configure your display to turn itself Off automatically after 10 minutes elapse without any video input signal.

#### Procedure

Step 1	Press <b>Time</b> , and then choose <b>Auto Sleep</b> .
Step 2	Press the <b>Right</b> button.

- **Step 3** Turn the setting **On** or **Off**.
- **Step 4** Press **Enter** to apply the setting.
- **Step 5** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Time Menu, page 1-8

### **Power On Delay**

When you connect multiple displays to one electrical circuit, you can configure them to power on individually to prevent overload.

#### Procedure

Step 1	Press Time, and then choose Power On Delay.
Step 2	Press the <b>Right</b> button.
Step 3	Turn the setting <b>On</b> or <b>Off</b> .
Step 4	Press Enter to apply the setting.
Step 5	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Time Menu, page 1-8

### **Power Saving**

You can schedule when your display will automatically reduce the intensity of its brightness setting. Beyond this, you can also choose the degree of reduction.

#### Procedure

- Step 1 Press Time, and then choose Power Saving.
- **Step 2** Press the **Right** button.
- **Step 3** Choose Level, and then press the Up and Down buttons to choose the power savings level:
  - Off—Brightness intensity is 100 percent.
  - Level 1—Brightness intensity is 80 percent.
  - Level 2—Brightness intensity is 60 percent.
  - Level 3—Brightness intensity is 40 percent.
- **Step 4** Press **Enter** to save and apply your work.
- **Step 5** Choose **On Time**, and then specify the time of day to start power saving mode.
- **Step 6** Press **Enter** to save and apply your work.
- **Step 7** Choose **Off Time**, and then specify the time of day to stop power saving mode.
- **Step 8** Press **Enter** to save your work.
- **Step 9** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Time Menu, page 1-8

# **Using the Option Menu**

Option

- Language, page 1-12
- Key Lock, page 1-12
- ISM Method, page 1-13
- Power Indicator, page 1-14
- DPM Select, page 1-14
- Tile Mode, page 1-15
- Factory Reset, page 1-16

### Language

You can choose the language that your display uses when it shows menus and messages to you.

#### Procedure

Step 1	Press <b>Option</b> , and then choose <b>Language</b> .
Step 2	Press the <b>Up</b> and <b>Down</b> buttons to highlight an option in the list.
Step 3	Press Enter to save and apply your work.
Step 4	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Option Menu, page 1-12

### **Key Lock**

You can deactivate the buttons and controls on your display, so that its handheld remote control unit becomes the only way to navigate in the OSD. This feature discourages tampering.

- Start Key Lock Mode, page 1-12
- Stop Key Lock Mode, page 1-13

### **Start Key Lock Mode**

#### Procedure

Step 1	Press Option, and then choose Key Lock.
Step 2	Press the <b>Up</b> and <b>Down</b> buttons to choose <b>On</b> .

- **Step 3** Press **Enter** to save and apply your work.
- **Step 4** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Option Menu, page 1-12

#### Stop Key Lock Mode

#### Procedure

Press the <b>Menu</b> button on your remote control unit.
Press Option, and then choose Key Lock.
Press the <b>Up</b> and <b>Down</b> buttons to choose <b>Off</b> .
Press Enter to save and apply your work.
Stop. You have completed this procedure.

#### **Related Topics**

• Using the Option Menu, page 1-12

### **ISM Method**

You can reduce the risk of damage to your display from image retention (burn-in) by compensating automatically for a fixed image.

#### Procedure

- **Step 1** Press **Option**, and then choose **ISM Method**.
- Step 2 Press the Up and Down buttons to highlight a method in the list.

While a method is highlighted, you can choose it. You can use only one method at a time. The methods are:

- Normal—Does not provide any protection against burn-in. Use this method when you do not foresee that burn-in might occur.
- White Wash—Fills the screen with solid white. This method might help your display to recover at least partially from an image that is already burned in.
- Orbiter—Moves the fixed image at 2-minute intervals.
- Inversion—Inverts all colors at 30-second intervals.
- Dot Wash—Moves only the black pixels at 5-second intervals.

- **Step 3** Press **Enter** to save your work.
- **Step 4** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Option Menu, page 1-12

### **Power Indicator**

You can configure your display to use or not use the power indicator on its face.

#### Procedure

Step 1	Press Option, and then choose Power Indicator.
Step 2	Turn the setting <b>On</b> or <b>Off</b> .
Step 3	Press Enter to apply the setting.
Step 4	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Option Menu, page 1-12

### **DPM Select**

You can use the display power management (DPM) signaling features of your LCD display to conserve energy automatically during idle periods.

#### Procedure

Step 1	Press Option, and then choose DPM Select.
Step 2	Turn the setting <b>On</b> or <b>Off</b> .
Step 3	Press Enter to apply the setting.
Step 4	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Option Menu, page 1-12

### Tile Mode

You can configure your display to operate as one of the tiles in a video wall that uses exactly 4 displays, 9 displays, 16 displays, or 25 displays.

- 2 columns x 2 rows = 4 displays
- 3 columns x 3 rows = 9 displays
- 4 columns x 4 rows = 16 displays
- 5 columns x 5 rows = 25 displays

#### Procedure

- Step 1 Press Option, and then choose Tile Mode.
- **Step 2** Press the **Up** and **Down** buttons to turn tile mode **On**.
- **Step 3** Enter as the H-Size value the number of columns in your video wall.
- Step 4 Enter as the V-Size value the number of rows in your video wall.
- **Step 5** Enter as your H-Position value the horizontal placement of this tile, where the far left column is column 1.
- **Step 6** Enter as your V-Position value the vertical placement of this tile, where the far top row is row 1.
- **Step 7** Enter your Tile ID.

When you arrange multiple LCD displays in the grid that constitutes a video wall, you must designate the position of each display on that grid. The designation is a number, counted from left to right and from top to bottom along the grid, that identifies which particular cell (or tile, or intersection) the LCD display occupies. The accepted range of values for this designation is based on how many rows and columns constitute the grid for your video wall:

- The low end of the range is always 4, because the smallest possible grid has 2 rows and 2 columns.
- The high end of the range is equal to the product when you multiply the actual number of rows by the actual number of columns.

For example, if your video wall grid has 4 rows and 4 columns, the high end of the accepted range would be 16 because that is the product of  $4 \times 4$ .

- **Step 8** Press **Enter** to choose and apply the highlighted option.
- **Step 9** Stop. You have completed this procedure.



To return your display to full-screen mode and clear its video wall tile settings, use **Option > Factory Reset**.

#### **Related Topics**

• Using the Option Menu, page 1-12

### **Factory Reset**

You can restore factory-default values for every setting that is part of the Option menu.

	Procedure
Step 1	Press Option, and then choose Factory Reset.
Step 2	Press Enter and respond to the prompts.
Step 3	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Option Menu, page 1-12

# **Using the Information Menu**

# nformation

- Set ID, page 1-16
- Serial No., page 1-17
- SW Version, page 1-17

### Set ID

You can choose a designation for this display that helps you to distinguish it from other displays.

#### Procedure

Step 1	Press Information, and then choose Set ID.
Step 2	Press the <b>Up</b> and <b>Down</b> buttons to highlight an option in the list of permitted designations.
Step 3	Press Enter to choose and apply a designation.
Step 4	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Information Menu, page 1-16

### Serial No.

You can view the serial number for your display.

#### Procedure

**Step 2** Stop. You have completed this procedure.

#### **Related Topics**

• Using the Information Menu, page 1-16

### **SW Version**

You can learn which firmware release your display runs.

#### Procedure

Step 1	Press Information, and then choose SW Version.
Step 2	Stop. You have completed this procedure.

#### **Related Topics**

• Using the Information Menu, page 1-16

