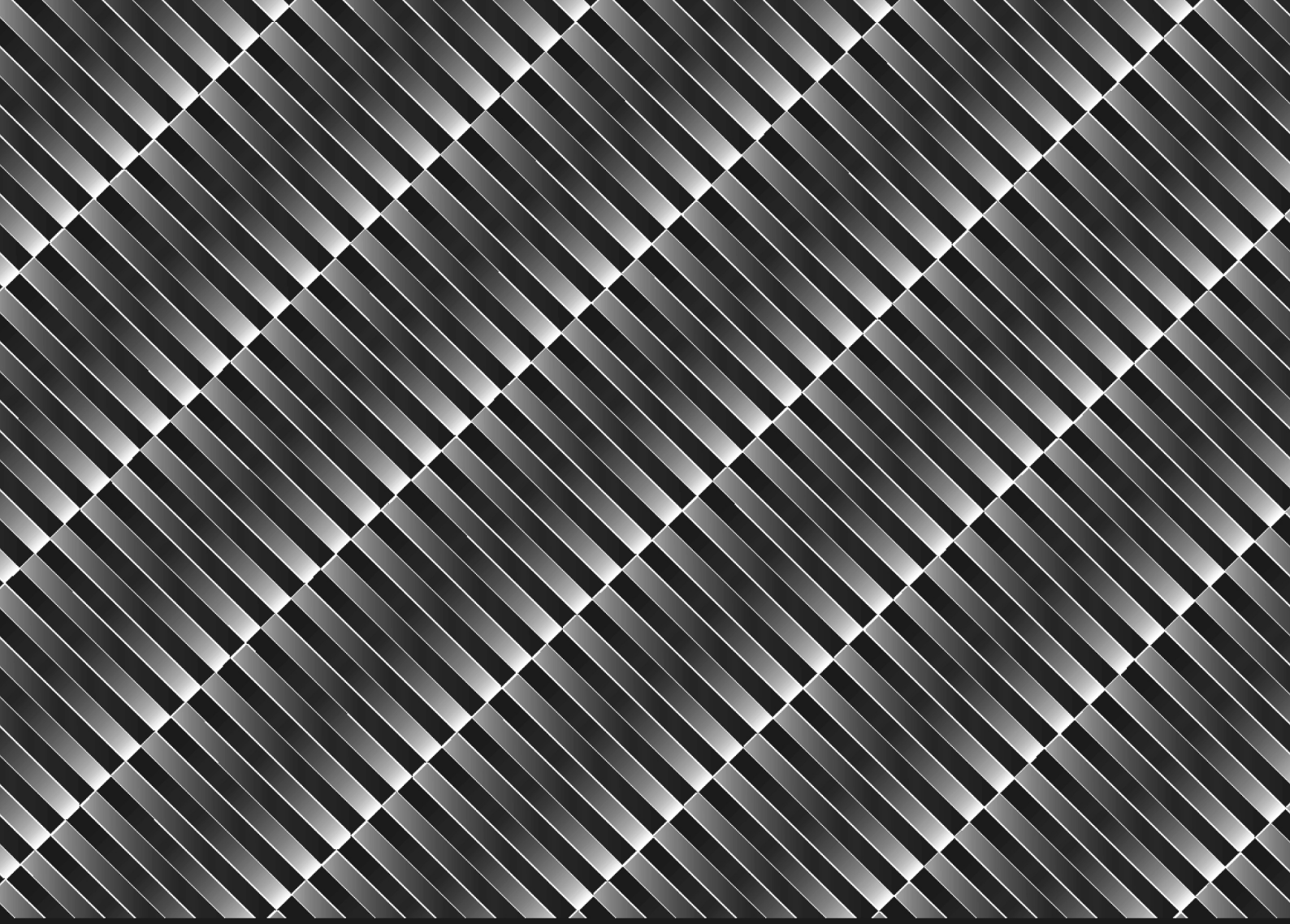


neovo

THE DISPLAY CHOICE
OF PROFESSIONALS™

RX-W32 & RX-W42 LCD Display

User Manual

www.agneovo.com

Table of Contents

Safety Information

This FCC Class-B compliant digital device complies with the Interference-Causing Equipment Regulations of Canada.

FCC Declaimers

This device complies with Section 15 of the FCC listing. The operation procedures must meet the following conditions: (1) the device must not cause any damaging interference; and (2) this device must accept any received interference, including any unpredictable interference that may possibly occur.

Dear users,

This device has passed the Class B digital service regulations and complies with Section 15 of the FCC listing; these are intended to provide reasonable warranty against damaging interference for home use. This device will produce, use, and emit radio frequency energy; therefore installation or use without following the instructions given may cause damaging interference to radio communication. Nonetheless, it is not possible to state with certainty that interference will occur from specific installations. If this device has caused damaging interference to radio or TV signals (simply turn the device on and off to check if such interference is caused by the device), we recommend that you fix the interference using the following methods:

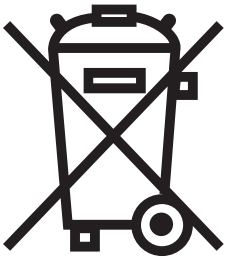
- Readjust the direction or location of the antenna.
- Increase the distance between this device and the receiver.
- Consult your local dealer or an experienced radio/TV technician.

Warning:

Making changes or modifications to the device without the permission from an authorized dealer may void the warranty of this device.

WEEE

Information for users applicable in European Union countries.



The symbol on the product or its packaging signifies that this product has to be disposed separately from ordinary household wastes at its end of life. Please kindly be aware that this is your responsibility to dispose electronic equipment at recycling centers so as to help conserve natural resources. Each country in the European Union should have its collection centers for electrical and electronic equipment recycling. For information about your recycling drop off area, please contact your local related electrical and electronic equipment waste management authority or the retailer where you bought the product.

Hg

Lamp Disposal

LAMP(S) inside this product contain mercury and must be recycled or disposed of according to local, state, or federal laws. For more information, contact the electronic industries alliance at **www.eiae.org** for lamp specific disposal information check **www.lamprecycle.org**.

Vermont Hg directive

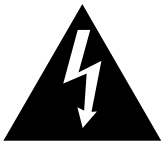
Title 10: Conservation and Development

Chapter 164: COMPREHENSIVE MERCURY MANAGEMENT

§ 7106. Labeling of mercury-aided products

Contains Mercury, Dispose of Properly

Precautions



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

Symbols used in this manual

	This icon indicates the existence of a potential hazard that could result in personal injury or damage to the product.
	This icon indicates important operating and servicing information.

Notice

- Read this User Manual carefully before using the LCD display and keep it for future reference.
- The product specifications and other information provided in this User Manual are for reference only. All information is subject to change without notice. Updated content can be downloaded from our web site at **http://www.agneovo.com**.
- To register online, go to **http://www.agneovo.com**.
- To protect your rights as a consumer, do not remove any stickers from the LCD display. Doing so may affect the determination of the warranty period.

Cautions When Setting Up

	Do not place the LCD display near heat sources, such as a heater, exhaust vent, or in direct sunlight.
	Do not cover or block the ventilation holes in the housing.
	Place the LCD display on a stable area. Do not place the LCD display where it may subject to vibration or shock.
	Place the LCD display in a well-ventilated area.
	Do not place the LCD display outdoors.
	Do not place the LCD display in a dusty or humid environment.
	Do not spill liquid or insert sharp objects into the LCD display through the ventilation holes. Doing so may cause accidental fire, electric shock or damage the LCD display.

Cautions When Using

Use only the power cord supplied with the LCD display.

The power outlet should be installed near the LCD display and be easily accessible.

If an extension cord is used with the LCD display, ensure that the total current consumption plugged into the power outlet does not exceed the ampere rating.

Do not allow anything to rest on the power cord. Do not place the LCD display where the power cord may be stepped on.

If the LCD display will not be used for an indefinite period of time, unplug the power cord from the power outlet.

To disconnect the power cord, grasp and pull by the plug head. Do not tug on the cord; doing so may cause fire or electric shock.

Do not unplug or touch the power cord with wet hands.

Cleaning and Maintenance

The LCD display comes with NeoV™ Optical Glass. Use a soft cloth lightly moistened with a mild detergent solution to clean the glass surface and the housing.

Do not rub or tap the surface of the glass with sharp or abrasive items such as a pen or screwdriver. This may result in scratching the surface of the glass.

Do not attempt to service the LCD display yourself, refer to qualified service personnel. Opening or removing the covers may expose you to dangerous voltage or other risks.

Warning:

Unplug the power cord from the power outlet and refer to qualified service personnel under the following conditions:

- When the power cord is damaged.
- If the LCD display has been dropped or the housing has been damaged.
- If the LCD display emits smoke or a distinct odor.

Notice for the LCD Display

In order to maintain the stable luminous performance, it is recommended to use low brightness setting.

Due to the lifespan of the lamp, it is normal that the brightness quality of the LCD display may decrease with time.

When static images are displayed for long periods of time, the image may cause an imprint on the LCD display. This is called image retention or burn-in.

To prevent image retention, do any of the following:

- Set the LCD display to turn off after a few minutes of being idle.
- Use a screen saver that has moving graphics or a blank white image.
- Execute the Anti-Burn-In function of the LCD display. See *"Settings, Anit-Burn-In"* section.
- Switch desktop backgrounds regularly.
- Adjust the LCD display to low brightness settings.
- Turn off the LCD display when the system is not in use.

Things to do when the LCD display shows image retention:

- Turn off the LCD display for extended periods of time. It can be several hours or several days.
- Use a screen saver and run it for extended periods of time.
- Use a black and white image and run it for extended periods of time.

When the LCD display is moved from one room to another or there is a sudden change from low to high ambient temperature, dew condensation may form on or inside the glass surface. When this happens, do not turn on the LCD display until the dew disappears.

Due to humid weather conditions, it is normal for mist to form inside the glass surface of the LCD display. The mist will disappear after a few days or as soon as the weather stabilizes.

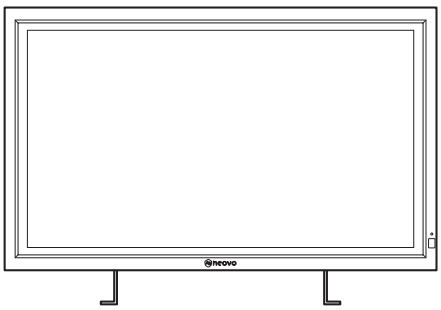
There are millions of micro transistors inside the LCD display. It is normal for a few transistors to be damaged and to produce spots. This is acceptable and is not considered a failure.

1. Product Description

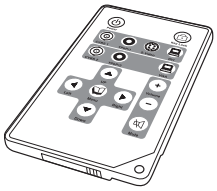
1.1 Package Contents

When unpacking, check if the following items are included in the package. If any of them is missing or damaged, contact your dealer.

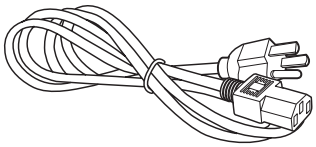
☐ **LCD display**



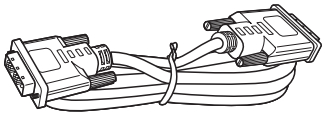
☐ **Remote control**



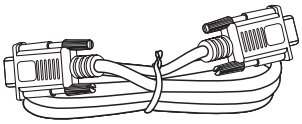
☐ **Power cord**



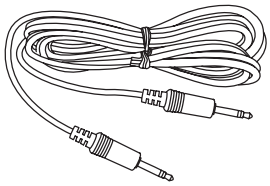
☐ **DVI-D cable**



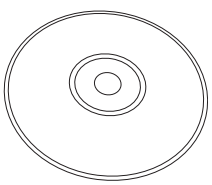
☐ **VGA cable**



☐ **Audio cable**



☐ **User Manual**



Note:

- The pictures are for reference only. Actual items may vary upon shipment.

1.2 Wall Mounting Installation Preparation

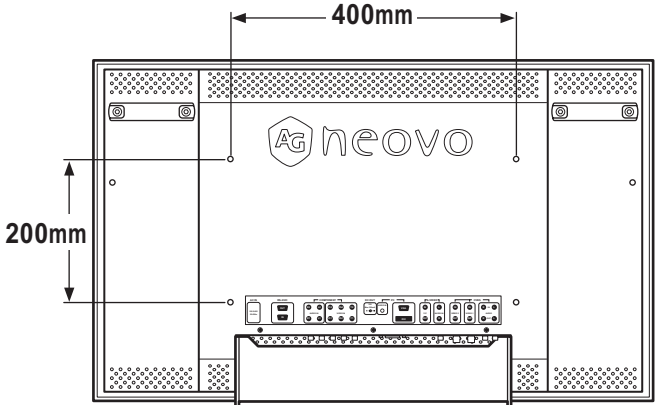
1.2.1 Wall Mounting

1 Remove the base stand and handles (if necessary).

See procedures below.

2 Wall mount the LCD display.

Screw the mounting bracket to the VESA holes at the rear of the LCD display.



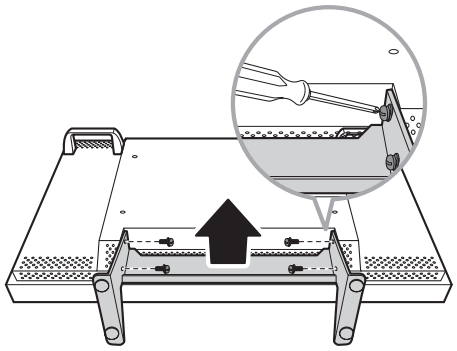
Note:

To protect the glass panel, place a towel or soft cloth before laying the LCD display down.

1.2.2 Removing the Base Stand

1 Lay the LCD display face down on a flat even surface.

2 Remove the four screws securing the base stand from the LCD display.



3 Lift to detach the base stand.

Note:

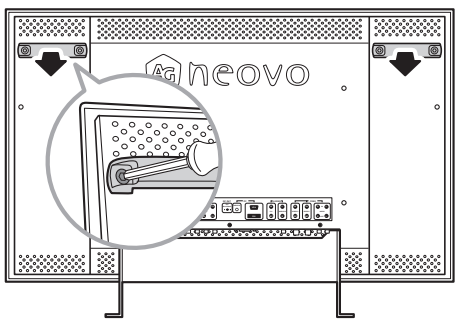
Take measures to prevent the LCD display from falling down and lessen possible injury and damage to the display in case of earthquakes or other disasters.

- Use only the 400 x 200 mm wall mount kit recommended by AG Neovo.
- Secure the LCD display on a solid wall strong enough to bear its weight.

1.2.3 Removing the Handles

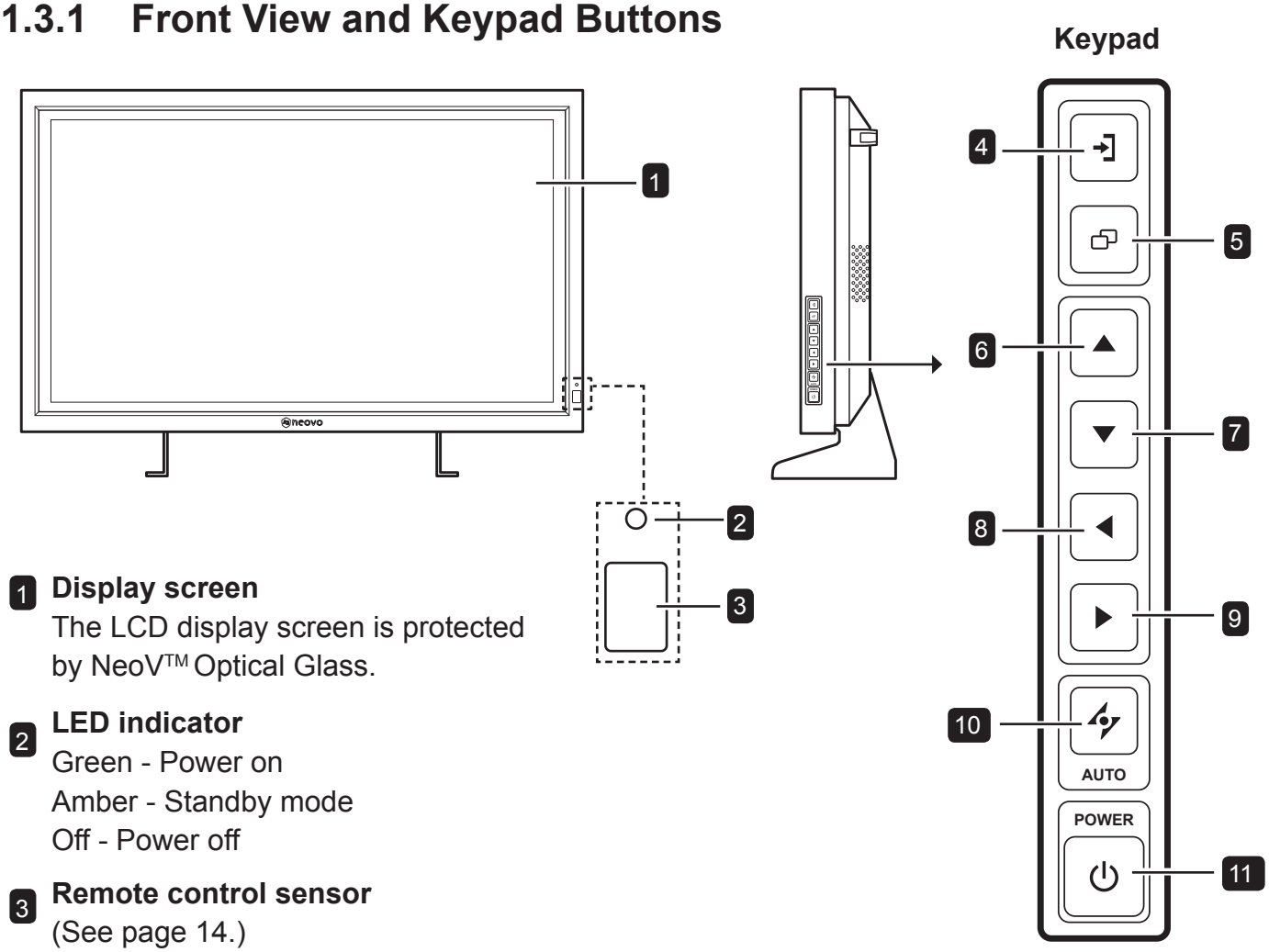
1 Lay the LCD display face down on a flat even surface.

2 Unscrew to remove each handle from the LCD display.



1.3 LCD Display Overview

1.3.1 Front View and Keypad Buttons



1 Display screen
The LCD display screen is protected by NeoV™ Optical Glass.

2 LED indicator
Green - Power on
Amber - Standby mode
Off - Power off

3 Remote control sensor
(See page 14.)

4 SOURCE
- Press repeatedly to select the input signal source.

5 MENU
- Press to display the OSD menu.
- Press again to hide the OSD menu.

6 UP
- Press repeatedly to select PIP option.
- During OSD menu selection, press to move up a menu or submenu.

7 DOWN
- Press to swap the PIP main and sub picture.
- During OSD menu selection, press to move up a menu or submenu.

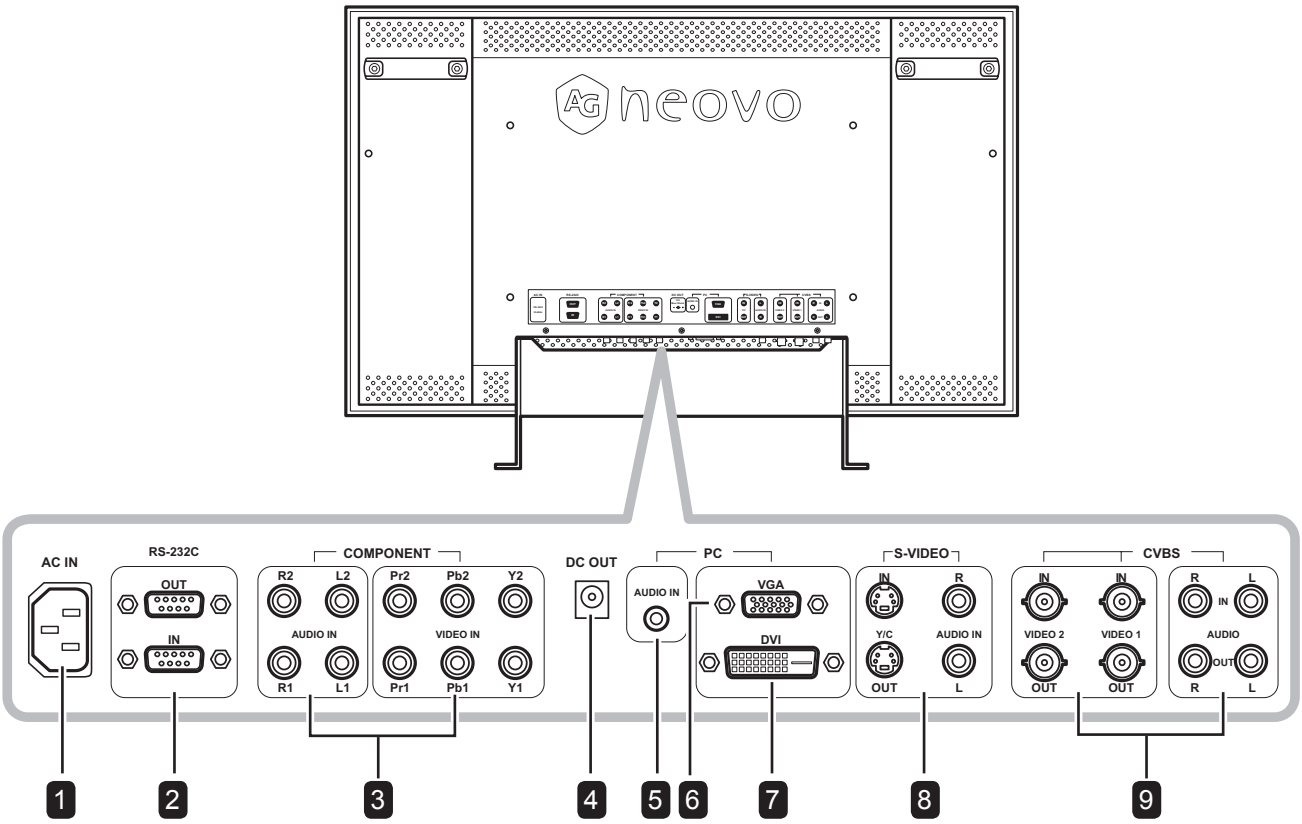
8 LEFT
- Press to decrease the volume.
- During OSD menu selection, press to adjust the settings.

9 RIGHT
- Press to increase the volume.
- During OSD menu selection, press to select an option and adjust the settings.

10 AUTO
- For VGA input signal source, press to perform auto adjustment.
- For video input signals, press to perform screen freeze.
- During OSD menu selection, press to close the OSD menu or exit a submenu.

11 POWER
- Press to turn the power on or off.

1.3.2 Rear View



1 AC power input

Use to connect the power cord.

2 RS-232 connector

Use to connect RS-232 cables to connect multiple displays.

3 COMPONENT Audio and Video connectors (2)

Use to connect component cables for YPbPr input signal.

4 DC power output

Use for DC power output.

5 Audio port

Use to connect an audio cable for the PC's audio input.

6 VGA connector

Use to connect a PC using a VGA cable for analogue input signal.

7 DVI connector

Use to connect a PC using DVI cable for digital input signal.

8 S-Video connector (2)

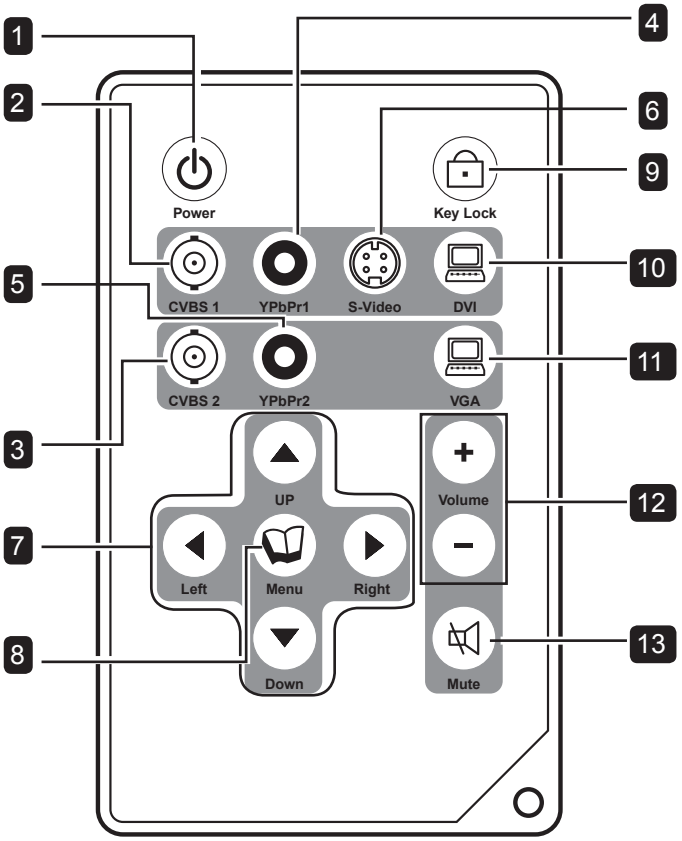
Use to connect AV cables for the S-Video signal.

9 COMPOSITE Audio and Video connectors (2)

Use to connect composite cables for CVBS signal.

1.4 Remote Control

1.4.1 Remote Control Buttons



1 **POWER** button
Press to turn the monitor on or off.

2 **CVBS1** button
Press to select CVBS1 as the input signal.

3 **CVBS2** button
Press to select CVBS2 as the input signal.

4 **YPbPr1** button
Press to select YPbPr1 as the input signal.

5 **YPbPr2** button
Press to select YPbPr2 as the input signal.

6 **S-Video** button
Press to select S-Video as the input signal.

7 **Navigation** button
Press navigate through the OSD menu and adjust the settings.

8 **MENU** button
Press to display the OSD menu. Press again to hide the OSD menu.

9 **Lock** button
Press to lock the OSD menu.

10 **DVI** button
Press to select DVI as the input signal.

11 **VGA** button
Press to select VGA as the input signal.

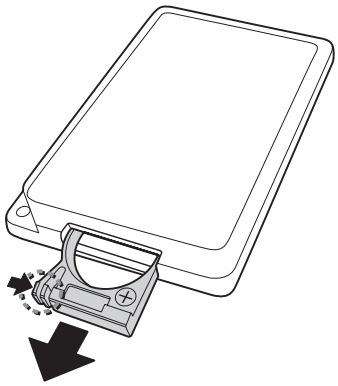
12 **Volume** buttons
Press + to increase volume. Press - to decrease volume.

13 **MUTE** button
Press to mute volume.

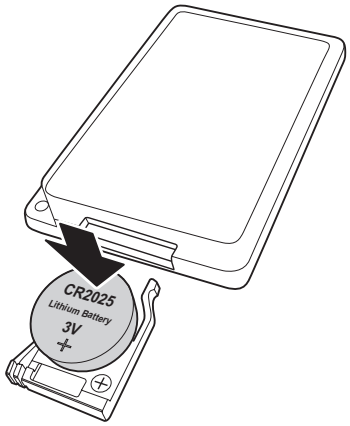
1.4.2 Installing the Remote Control Batteries

1 Turn the remote control upside down.

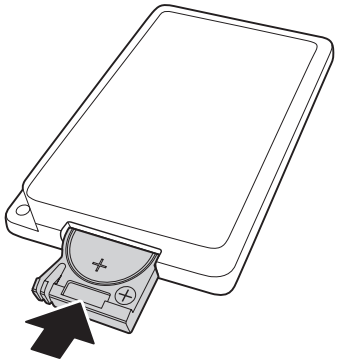
2 Press and hold the lock tab then pull the battery compartment out of the slot.



3 Place the battery on the battery compartment.



4 Push the battery compartment back into the slot until it clicks into place.

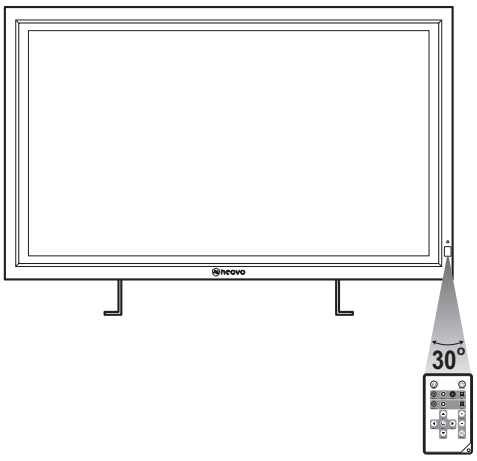


Notes about the battery:

- Do not leave the remote control in an extremely hot or humid place.
- Do not place the remote control in direct sunlight.
- Do not attempt to charge, short-circuit, heat, or burn the battery.
- If the remote control will not be used for a long period of time, remove the battery.
- Replace only with CR2025 Lithium battery, 3V.
- Dispose used battery according to the local disposal regulations.

1.4.2 Remote Control Signal

The remote control has an operating range of approximately 10 m. Aim the remote control directly at the remote sensor to ensure accuracy.



Note:

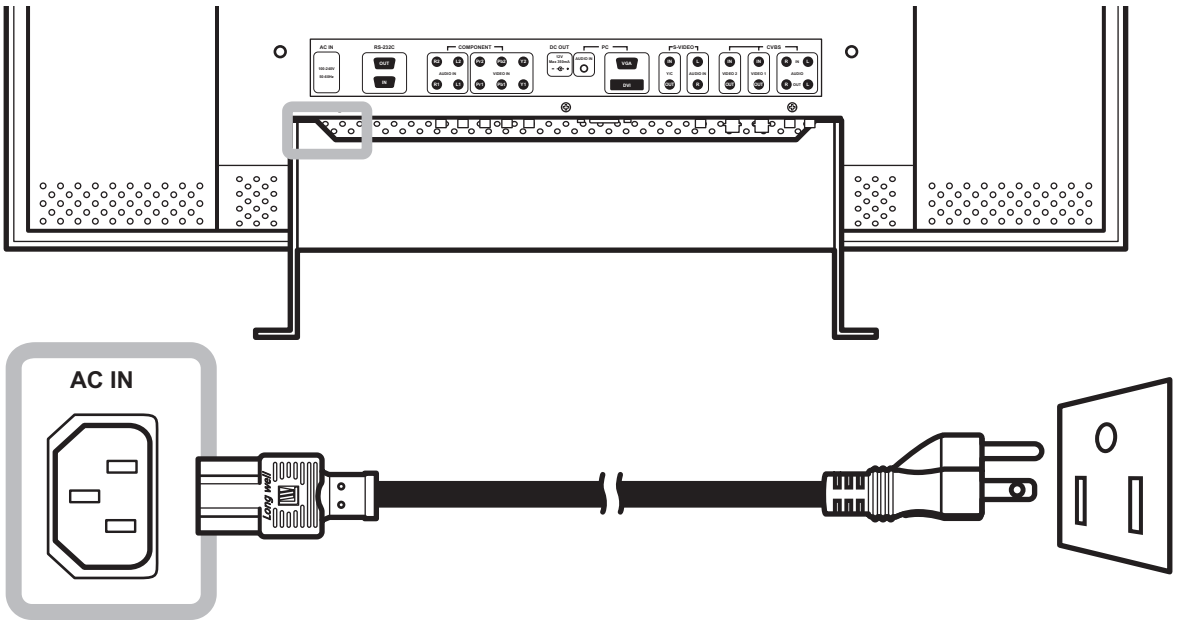
- Make sure that the battery is sufficient to ensure optimum remote control performance.

2. Making Connections

2.1 Connecting the AC Power

1 Connect the power cord to the AC power input at the rear of the LCD display.

2 Connect the plug to a power outlet or a power supply.



Caution:

- Make sure that the LCD display is not connected to the power outlet before making any connections. Connecting cables while the power in ON may cause electric shock or personal injury.

Caution:

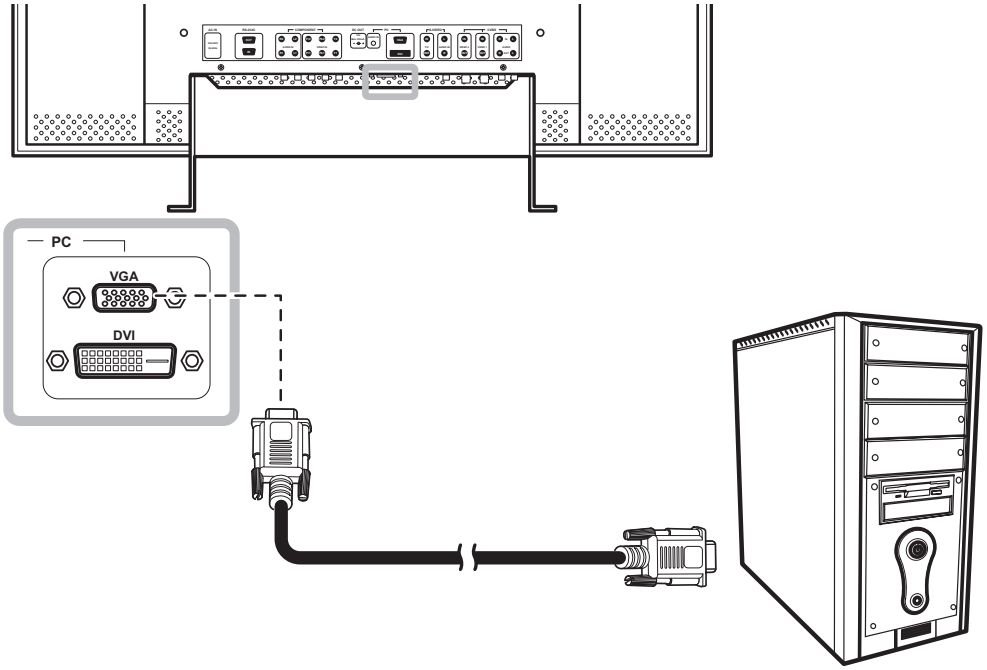
- When unplugging the power cord, hold the power cord by the plug head. Never pull by the cord.

2.2 Connecting Input Source Signals

2.2.1 Connecting a Computer

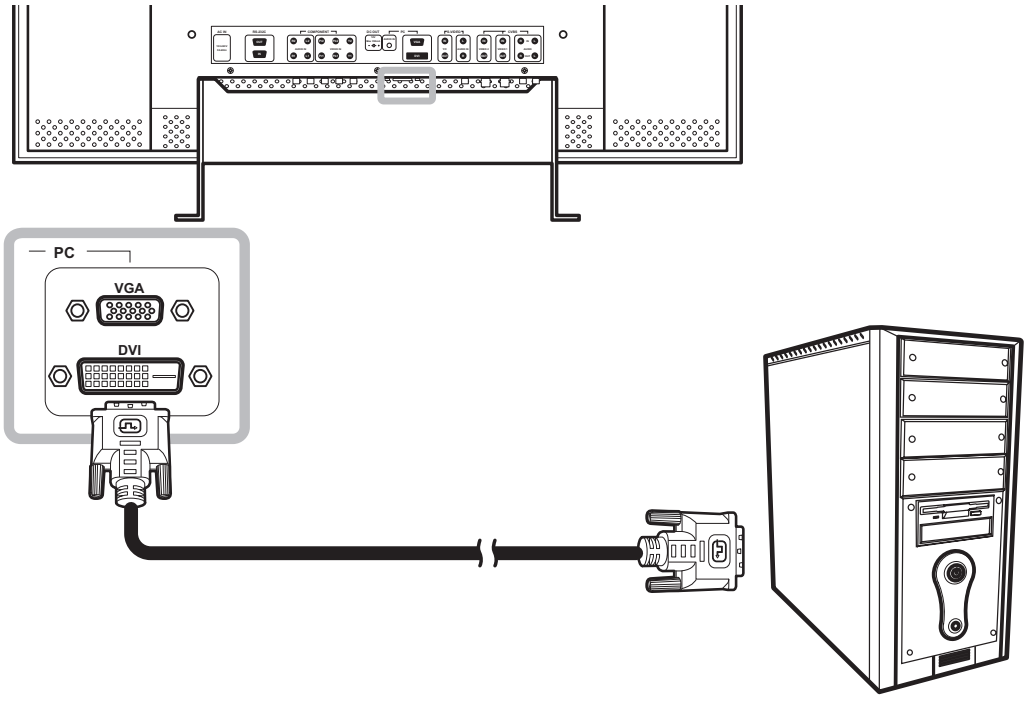
Using VGA Cables

Connect one end of a D-sub cable to the VGA connector of the LCD display and the other end to the D-sub connector of the computer.



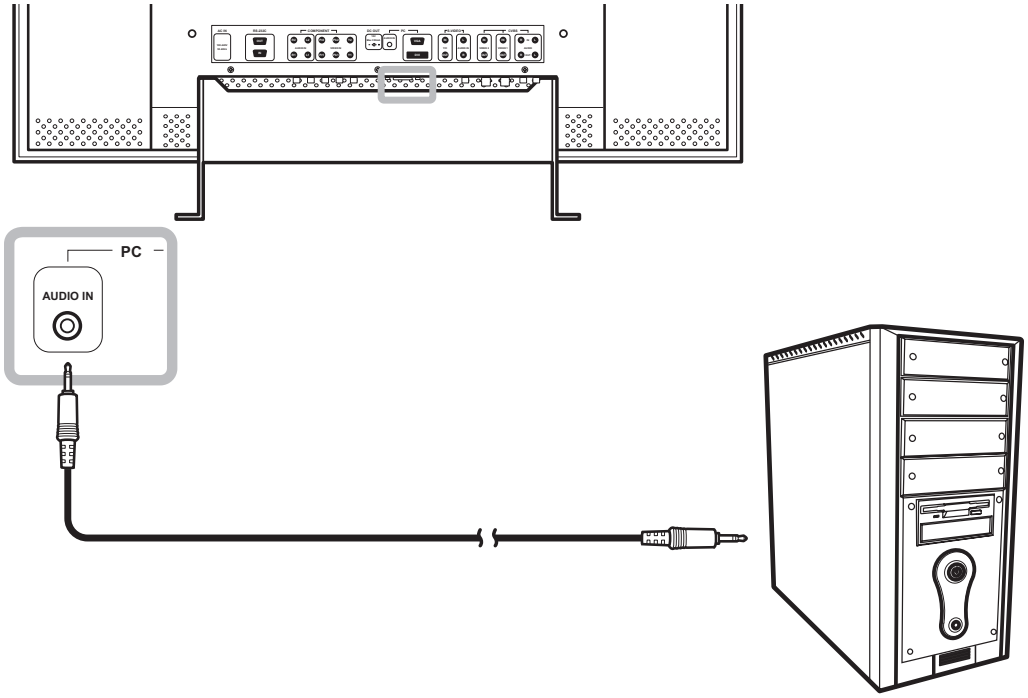
Using DVI Cables

Connect one end of a DVI cable to the DVI connector of the LCD display and the other end to the DVI connector of the computer.



Connecting an Audio Device

Connect one end of an audio cable to the audio port at the rear of the LCD display and the other end to the audio out port of the computer.

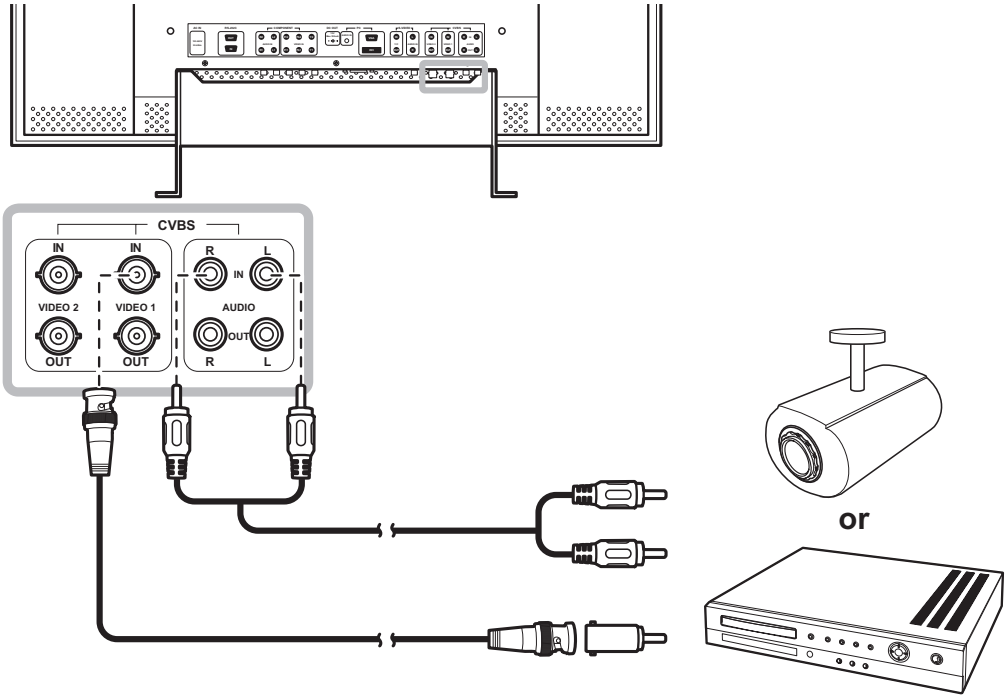


2.2.2 Connecting a Camera or Video Device

Using CVBS Cables

Connect one end of a CVBS cable to the COMPOSITE connectors of the LCD display and the other end to the COMPOSITE connectors of your device.

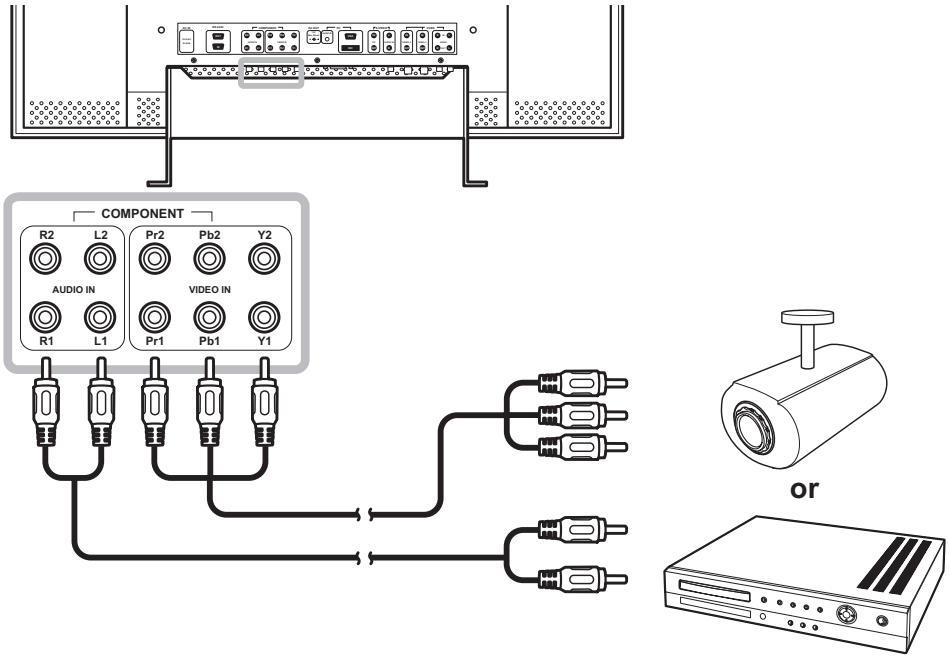
For audio input, connect an RCA cable to the audio in connector of the LCD display and the audio out connector of your device.



Using YPbPr Cables

Connect one end of a YPbPr cable to the COMPONENT connectors of the LCD display and the other end to the COMPONENT connectors of your device.

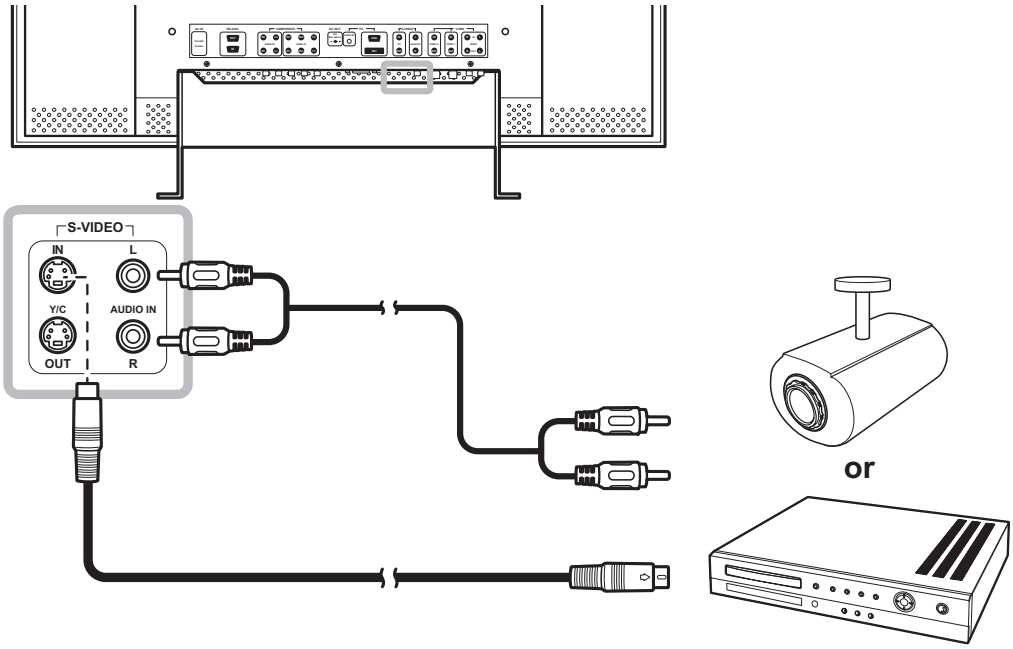
For audio input, connect an RCA cable to the audio in connector of the LCD display and the audio out connector of your device.



Using S-Video Cables

Connect one end of an S-Video cable to the S-VIDEO connector of the LCD display and the other end to the S-VIDEO connector of your device.

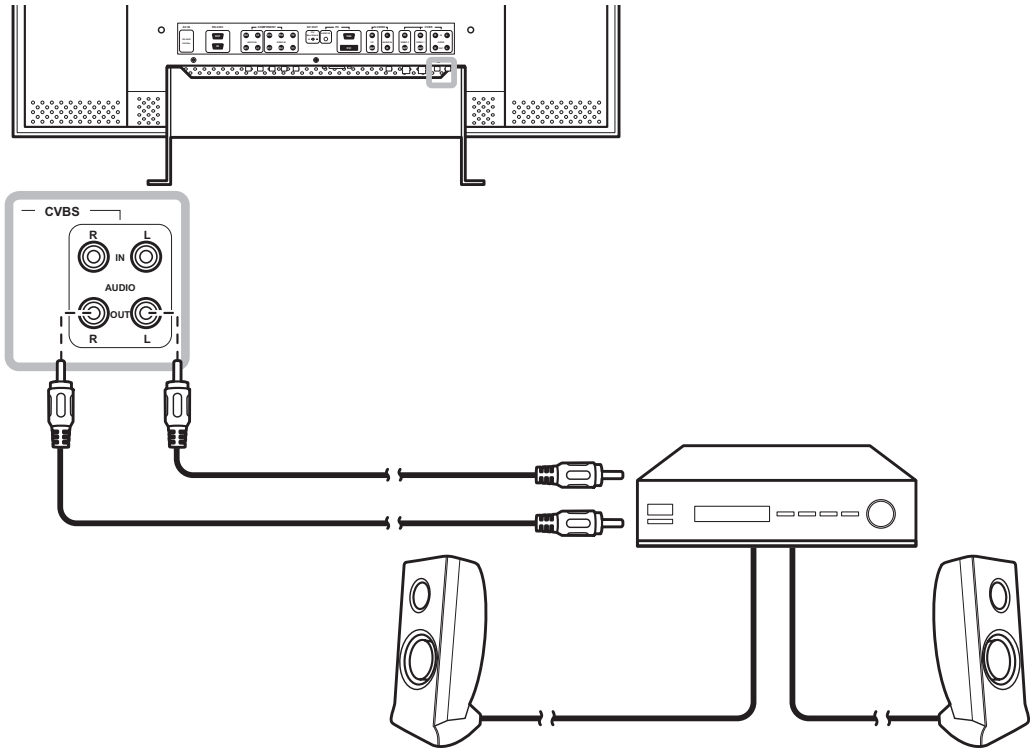
For audio input, connect an RCA cable to the audio in connector of the LCD display and the audio out connector of your device.



2.3 Connecting a Stereo Amplifier

To amplify the sound output, connect a stereo amplifer to the LCD display.

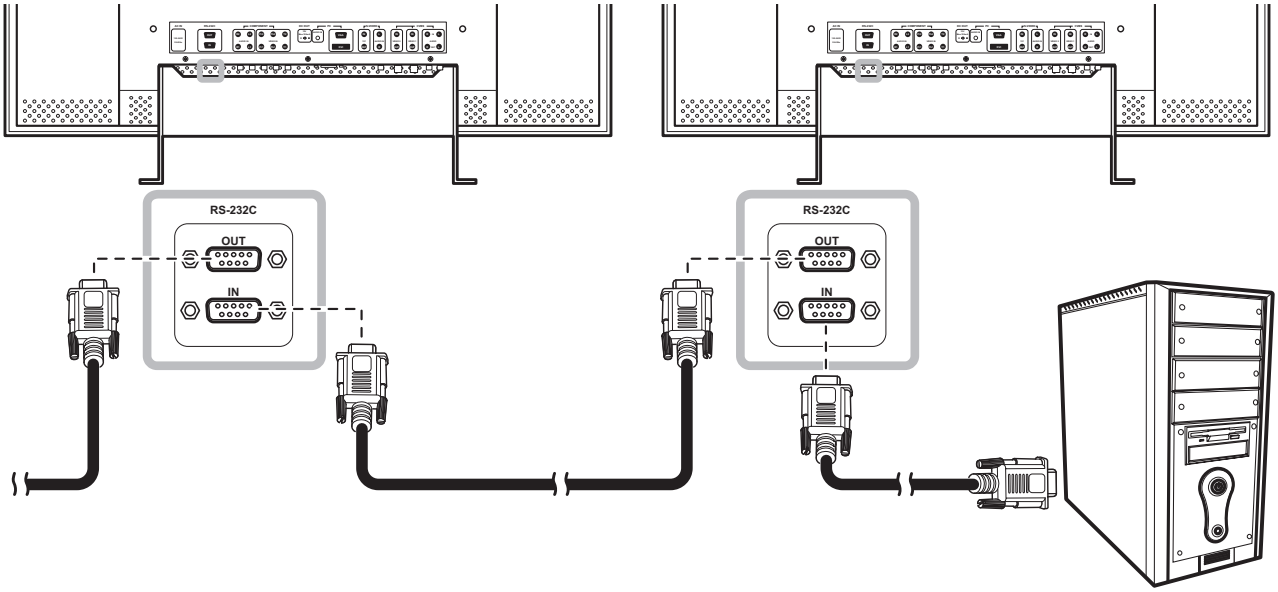
Connect an RCA cable to the audio out connector of the LCD display and to the audio in connector of a stereo amplifier.



2.4 Connecting Multiple LCD Displays

Use the RS-232 connection to connect a series of LCD displays to form a daisy chain. With this connection, the output of one computer can be shown on multiple displays at the same time.

A maximum of 254 displays can be connected together.



1. Connect the female end of an RS-232 cable to the RS-232 OUT port of the computer and connect the male end to the RS-232 IN port of the display.
2. Connect the female end of another RS-232 cable to the RS-232 OUT of the last connected display and the male end to the RS-232 IN of the next display.
3. Repeat step 2 to connect more LCD displays.
4. Configure the connection using the **Other Setting > RS-232C** menu. See page 42.

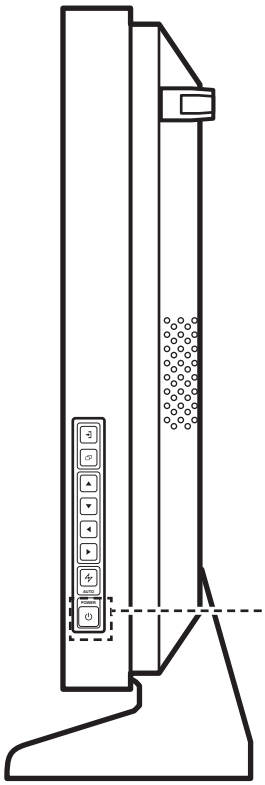
Note:

- RS-232 cables are not included in the package and are sold separately. Contact your dealer to purchase one.
- If an LCD display in the series is turned off, the succeeding displays still receive the PC input signal. However, if the power cord of that LCD display is unplugged from the power outlet, all succeeding displays also lose the signal.
- To ensure compatibility, use only AG Neovo displays.

3. Using the LCD Display

3.1 Turning on the Power

3.1.1 Using the Keypad



POWER button

1. Plug the power cord to a power outlet or power supply.
2. Press the **POWER** button on the keypad to turn the LCD display on.

   The LED indicator turns GREEN.

When the LCD display is turned on, press the POWER button to turn the LCD display off.

The LED indicator goes off.

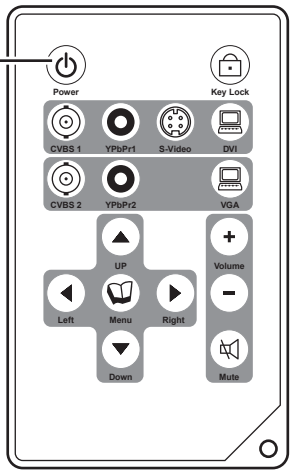
3.1.2 Using the Remote Control

Press the **POWER** button on the remote control to turn the LCD display on.

The LED indicator turns GREEN.

Press the POWER button again to turn the LCD display off.

The LED indicator goes off.

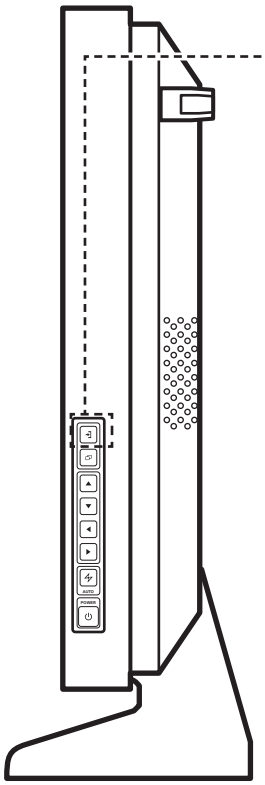


Note:

- The LCD display still consumes power as long as the power cord is connected to the power outlet. Disconnect the power cord to completely cut off power.

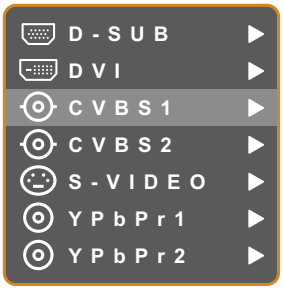
3.2 Selecting the Input Source Signal

3.2.1 Using the Keypad



1 Press the SOURCE button on the keypad.

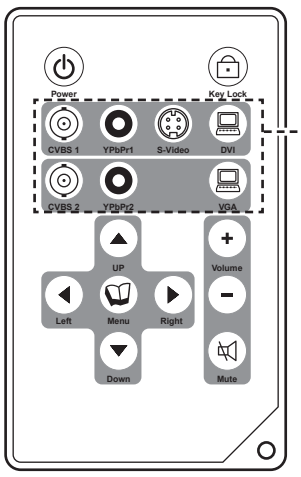
The input signal screen is displayed on screen. The highlighted item shows the current input source signal.



2 Press the SOURCE button repeatedly until the desired input source signal is highlighted.

3 Press ▶ to select the input source signal.

3.2.2 Using the Remote Control



Press the desired input source signal button to select the source.

Notes:

- After selecting an input source signal, the input source signal message appears on the screen briefly.

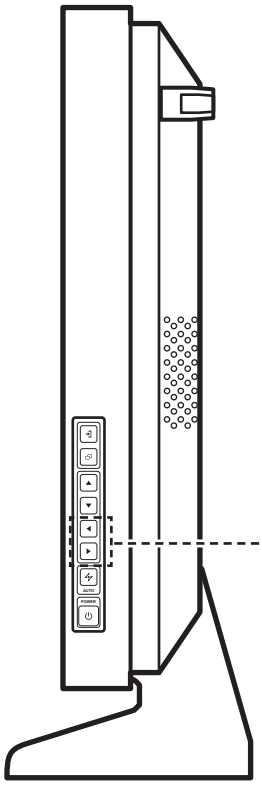
  For example, CVBS1 is selected the following message is displayed.

- If the selected input source signal is not connected to the LCD display or is turned off, the no signal message is displayed on the screen.

- If the resolution or the graphics card of the connected computer is set to high, the input out of range message is displayed.

3.3 Adjusting the Volume

3.3.1 Using the Keypad

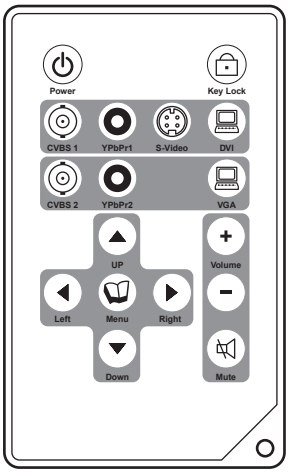


1 Press either ◀ or ▶ to call out the volume bar.

2 Press ▶ to increase volume.

Press ◀ to decrease volume.

3.1.2 Using the Remote Control



On the remote control, press + to increase volume.

Press − to decrease volume.

3.4 Muting the Volume

On the remote control, press to mute volume. The Mute message is displayed on the screen briefly.

Press again or the volume keys to cancel mute.

3.5 Locking the OSD Menu

Lock the OSD menu to protect the LCD display from unauthorised users or from accidentally pressing the keypad or the remote control buttons.

To lock the OSD, press and hold the keypad buttons listed below for at least 5 seconds or until the 

message appears.

When the OSD is locked, all keypad and remote control buttons are inactivated.

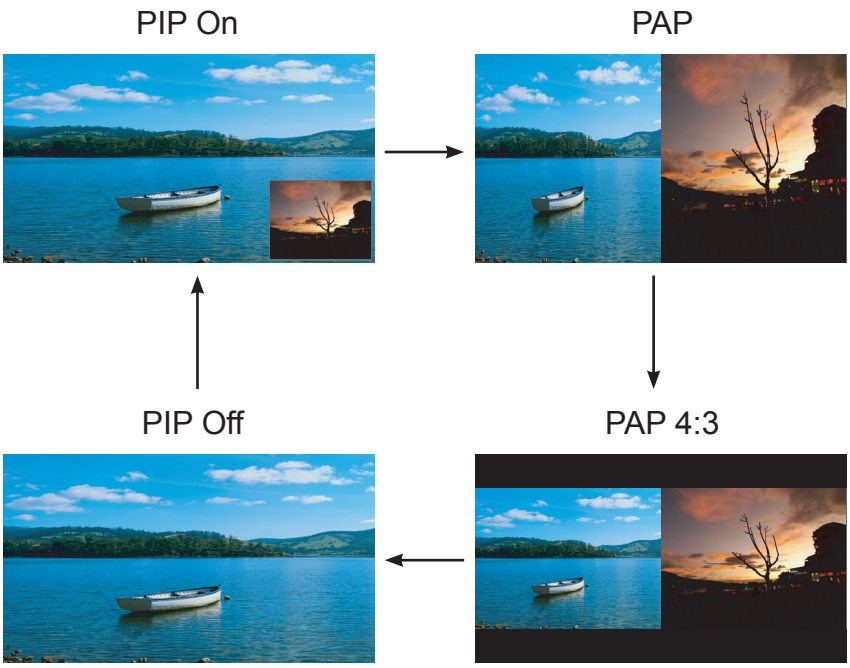
Type of OSD Lock	Lock Operation	Unlock Operation
Lock all buttons	Press and hold ⧉ and ◀ for 5 seconds.	Press and hold ⧉ and ◀ for 5 seconds or until the OSD menu appears.
Lock all buttons except the **POWER** button.	Press and hold ⧉ and ▶ for 5 seconds.	Press and hold ⧉ and ▶ for 5 seconds or until the OSD menu appears.

3.6 Using Picture-in-Picture (PIP)

The Picture-in-Picture (PIP) feature allows viewing of more than one input source signal on the LCD display.

3.6.1 PIP Options

On the keypad or the remote control, press ▲ repeatedly to enable and scroll among the PIP options. Options are as follows:



Info:

- PIP On: The sub source signal is displayed within the main source signal.
- PAP (Picture-and-Picture): The main source and the sub source signals are displayed side by side with equal display size.
- PAP 4:3 The main source and the sub source signals are displayed side by side, each with an aspect ration of 4:3.
- PIP Off: PIP function is disabled, only the main source signal is displayed.

3.6.2 PIP Swap

The main and the sub source signals set in PIP Setting can be easily swapped using the keypad or the remote control.

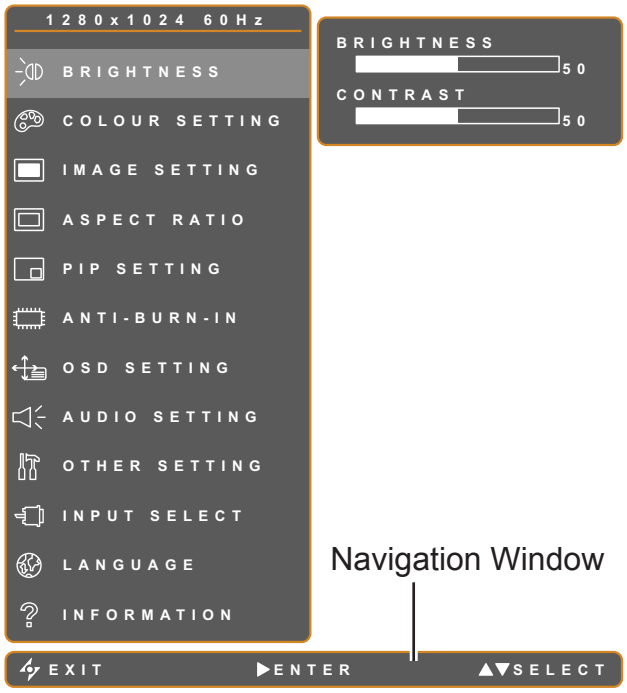
Press ▼ to swap the main source and the sub source signals. See illustration below.

Note:

- The main source and sub source signals can be set in PIP Settings, see page 37.

4. On Screen Display Menu

4.1 Using the OSD Menu

	Remote Control	Keypad
1 Display the main menu screen. 	Press .	Press .
2 Select the menu. 	**1** Press or . **2** Press to enter the submenu.	**1** Press or . **2** Press to enter the submenu.

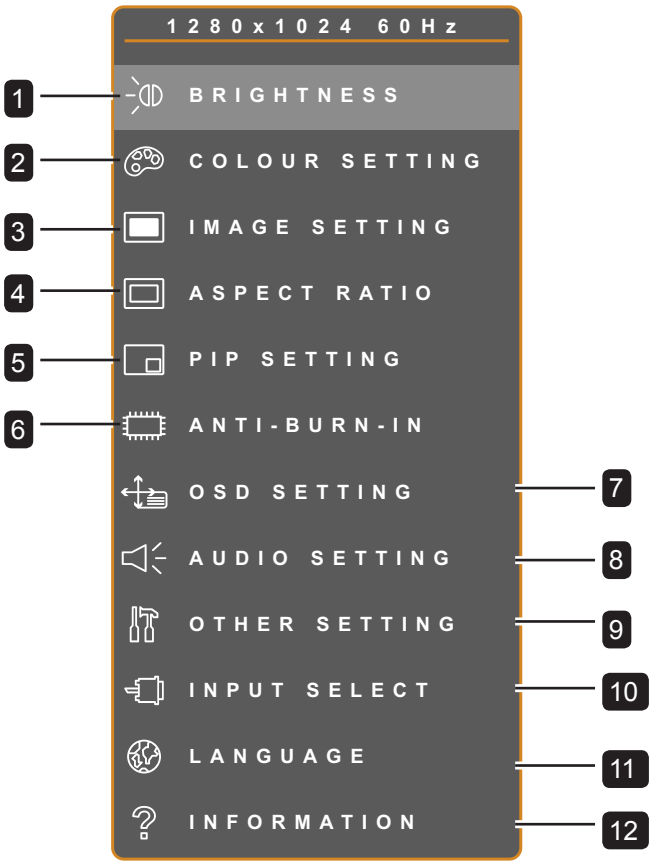
		Remote Control	Keypad
3	Select the submenu item.  The highlighted item with an orange arrow indicates the active submenu.	Press ▲ or ▼.	Press ▲ or ▼.
4	Adjust the settings.	Press ◀ or ▶.	Press ◀ or ▶.
5	Exit the submenu.	Press to return to the previous menu.	Press to return to the previous menu.
6	Close the OSD window.	Press again.	Press again.

When settings are modified, all changes are saved when the user does the following:

- Proceeds to the another menu.
- Exits the OSD menu.
- Waits for the OSD menu to disappear.

Note: Availability of some menu items depend on the input source signal. If the menu is not available, it is disabled and grayed out.

4.2 OSD Menu Tree

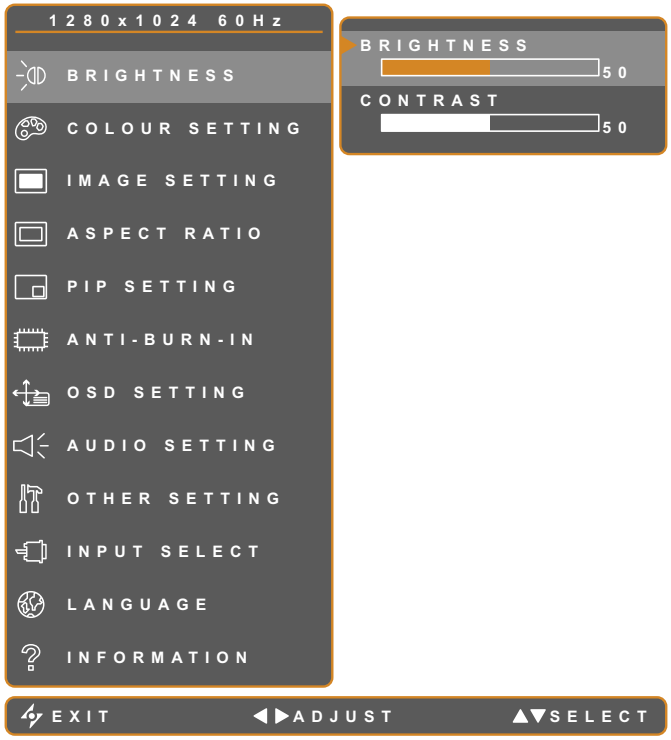


Main Menu	Submenu	Remarks
1. Brightness	• Brightness • Contrast	See page 30.
2. Colour Setting	• Colour Temperature	See page 31.
3. Image Setting	During PC input signal (for VGA only): • Sharpness • Phase • Clock • H. Position • V. Position	See page 33.
	During Video input signal: • Sharpness • Saturation • Tint • 3D Comb Filter • Noise Reduction • Video Mode	See page 34.

Main Menu	Submenu	Remarks
4. Aspect Ratio	During Video input signal only: • H. Zoom • V. Zoom • H. Position • V. Position	See page 36.
5. PIP Setting	• PIP • Main Source • Sub Source • Sub Picture Size • Sub Picture Position • Swap	See page 37.
6. Anti-Burn-In	• Enable • Interval • Mode	See page 39.
7. OSD Setting	• Transparency • H. Position • V. Position • OSD Timer	See page 40.
8. Audio Setting	• Volume • Audio On/Off	See page 41.
9. Other Setting	• Power Saving • Mode • Recall • RS-232C • Monitor ID • Backlight	See page 42.
10. Input Select	• VGA • DVI • CVBS1 • CVBS2 • S-Video • YPbPr1 • YPbPr2	See page 44.
11. Language	Select the OSD language: EN / FR / DE / ES / IT / Py / RO / PL / CS / NL / TC / SC	
12. Information	Displays settings information such as Input, Resolution, Horizontal and Vertical Frequency, Timing mode, Firmware version, and Counter.	

5. Adjusting the LCD Display

5.1 Brightness Setting



Item	Function	Range	Operation	
			Remote Control	Keypad
Brightness	Adjusts the luminance of the screen image.	0 to 100	Press ◀ or ▶.	Press ◀ or ▶.
Contrast	Adjusts the difference between the black level and the white level.			

5.2 Colour Setting

5.2.1 Colour Temperature

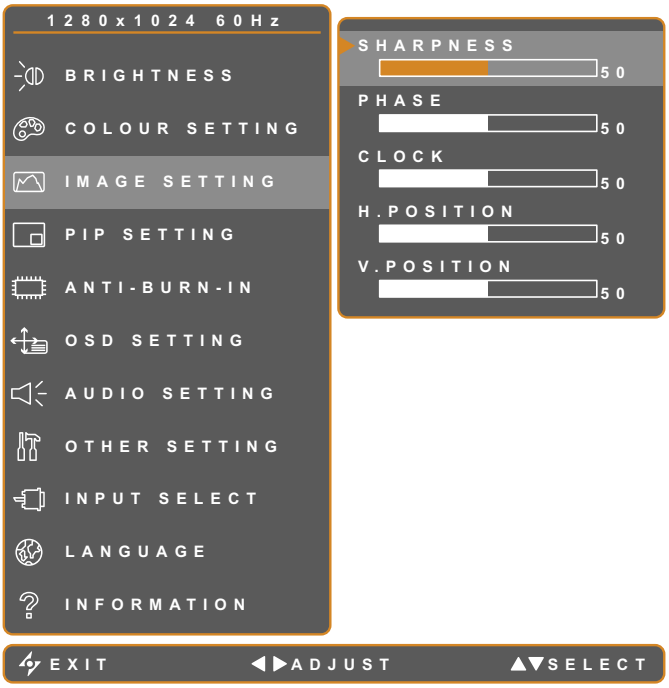
Colour temperature provides several colour adjustment settings.

Value	Operation	
	Remote Control	Keypad
• **6500K** - This is the default colour temperature commonly used for normal lighting conditions. • **5400K** - Applies a reddish tint for warmer colours. • **9300K** - Applies a bluish tint for cooler colours. • **Auto Colour** - Operates the white balance and automatically adjusts the colour settings. Available only during VGA input source signal.	1 Press ▲ or ▼. 2 Press ▶.	1 Press ▲ or ▼. 2 Press ▶.

Value	Operation	
	Remote Control	Keypad
• **User** - This allows users to set the colour temperature by adjusting the R, G, B settings according to one's preference.	1 Press ▲ or ▼ to select USER. 2 Press ▶. 3 Press ▲ or ▼ to select among R, G, B option. 4 Press ◀ or ▶ to adjust the values between 0 ~ 255.	1 Press ▲ or ▼ to select USER. 2 Press ▶. 3 Press ▲ or ▼ to select among R, G, B option. 4 Press ◀ or ▶ to adjust the values between 0 ~ 255.

5.3 Image Setting (VGA only)

Note: During DVI input source signal, Image Setting is disabled and grayed out.



Item	Function	Range	Operation	
			Remote Control	Keypad
Sharpness	Adjusts the clarity and focus of the screen image.	0 to 100	Press ◀ or ▶.	Press ◀ or ▶.
Phase	Adjusts the phase timing to synchronise with the video signal.			
Clock	Adjusts the frequency timing to synchronise with the video signal.			
H. Position (Horizontal Position)	Moves the screen image to the left or right.			
V. Position (Vertical Position)	Moves the screen image up or down.			

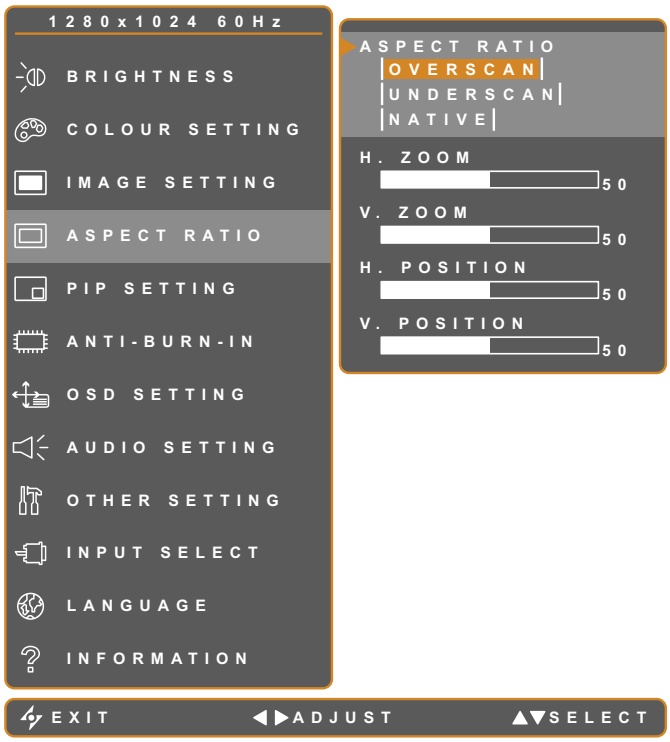
5.4 Image Setting (Video signals)

Item	Function	Range / Value	Operation	
			Remote Control	Keypad
Sharpness	Adjusts the clarity and focus of the screen image.	0 to 100	Press ◀ or ▶.	Press ◀ or ▶.
Saturation	Adjusts the colour saturation.			
Tint	Adjusts the colour tint. Available only during YPbPr signal or NTSC system under S-Video or CVBS signals.			
3D Comb Filter	Enables the 3D Comb Filter function to provide the best possible image quality. Available only during CVBS signal.	On Off		
Noise Reduction	Adjusts the noise reduction to help remove noise from images. This helps produce clearer and crisper images.	Off Low High		

Item	Function	Range / Value	Operation	
			Remote Control	Keypad
Video Mode	Allows you to select a video mode with preset image settings.		Press ◀ or ▶.	Press ◀ or ▶.
	• **User** - The default user setting. • **Text** - Suitable when viewing images with text. • **Movie** - Suitable when viewing moving images. • **Gaming** - Suitable when viewing high resolution and moving images. • **Graphic** - Suitable when viewing high resolution graphic images.			

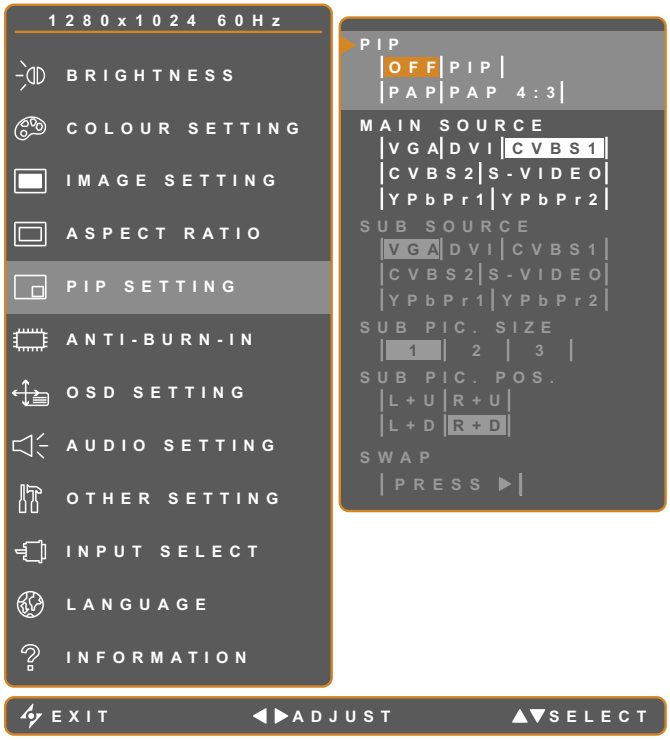
5.5 Aspect Ratio

Note: Aspect Ratio is only available during video input signals.



Item	Function	Range / Value	Operation	
			Remote Control	Keypad
Aspect Ratio	Adjusts the aspect ratio of the screen image.	Overscan Underscan Native	Press ◀ or ▶.	Press ◀ or ▶.
H. Zoom (Horizontal Zoom)	Adjusts the horizontal zoom.	0 to 100		
V. Zoom (Vertical Zoom)	Adjusts the vertical zoom.			
H. Position (Horizontal Position)	Moves the screen image to the left or right.			
V. Position (Vertical Position)	Moves the screen image up or down.			

5.6 PIP Setting

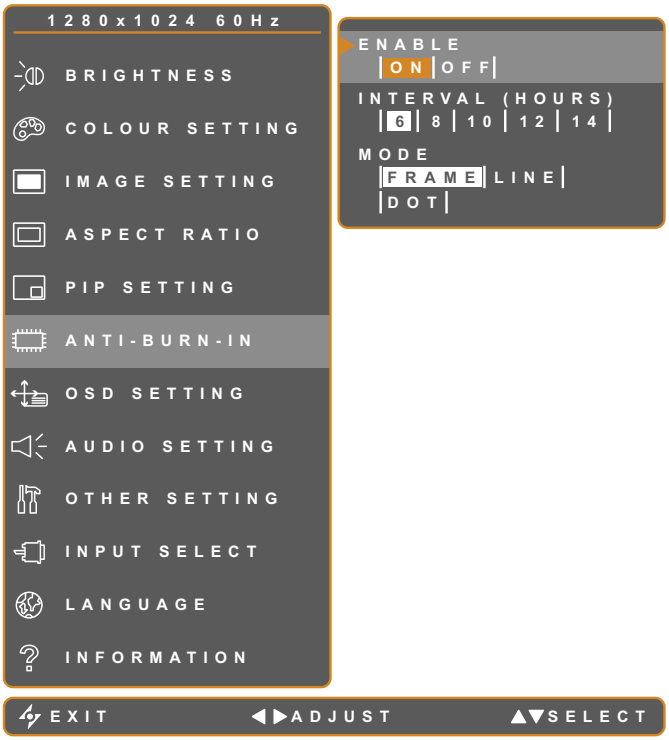


Item	Function	Operation	
		Remote Control	Keypad
PIP	Allows you to select the PIP setting or disable PIP.	Press ◀ or ▶.	Press ◀ or ▶.
	• **Off** - Disables PIP. • **PIP** - The sub source image is within the main source image. • **PAP** - The main source and sub source images are displayed side by side. • **PAP 4:3** - The main source and sub source images are displayed side by side with an aspect ratio of 4:3.		
Main Source	Allows you to select the main source signal.		
	VGA / DVI / CVBS1 / CVBS2 / S-VIDEO / YPbPr1 / YPbPr2 **Note:** If the sub source is YPbPr, VGA cannot be selected as the main source.		

Item	Function	Operation	
		Remote Control	Keypad
Sub Source	Allows you to select the sub source signal. VGA / DVI / CVBS1 / CVBS2 / S-VIDEO / YPbPr1 / YPbPr2 **Note:** ♦ The selected main source cannot be selected as the sub source anymore. ♦ If the main source is YPbPr, VGA and YPbPr cannot be selected as the sub source.	Press ◀ or ▶.	Press ◀ or ▶.
Sub Pic. Size (Sub Picture Size)	Allows you to select the size of the sub source image. Available only in PIP mode. • **1** - Small image size. • **2** - Medium image size. • **3** - Large image size.	Press ◀ or ▶.	Press ◀ or ▶.
Sub Pic. Pos. (Sub Picture Position)	Allows you to select the position of the sub source image. Available only in PIP mode. • **L+U** - Sets the image on the upper left corner of the screen. • **R+U** - Sets the image on the upper right corner of the screen. • **L+D** - Sets the image on the lower left corner of the screen. • **R+D** - Sets the image on the lower right corner of the screen.		
Swap	Swaps the main source and sub source signals.	Press ▶.	Press ▶.

5.7 Anti-Burn-In

Anti-Burn-In is useful in preventing image retention on the LCD display.

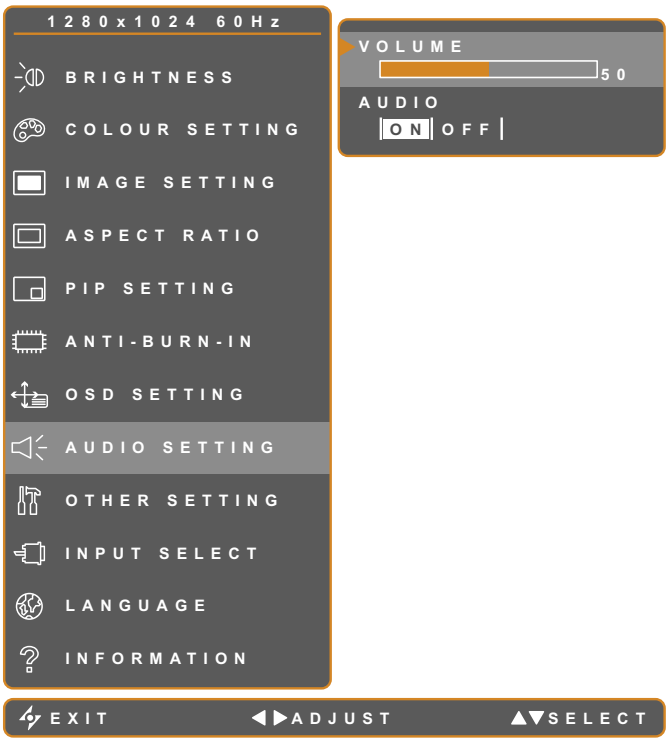


Item	Function	Range	Operation	
			Remote Control	Keypad
Enable	Enables or disables Anti-Burn-In function.	On Off	Press ◀ or ▶.	Press ◀ or ▶.
Interval	Sets the interval time (hour) between activating the Anti-Burn-In function.	6 8 10 12 14		
Mode	Selects the Anti-Burn-In mode.			
	• **Frame** - Activates the frame mode. This mode causes the screen to flicker for a few seconds. • **Line** - Activates the line mode. A line runs across from the top to the bottom of the screen. • **Dot** - Activates the dot mode. A dot lights each pixel on the screen. This mode takes a while to finish.			

5.8 OSD Setting

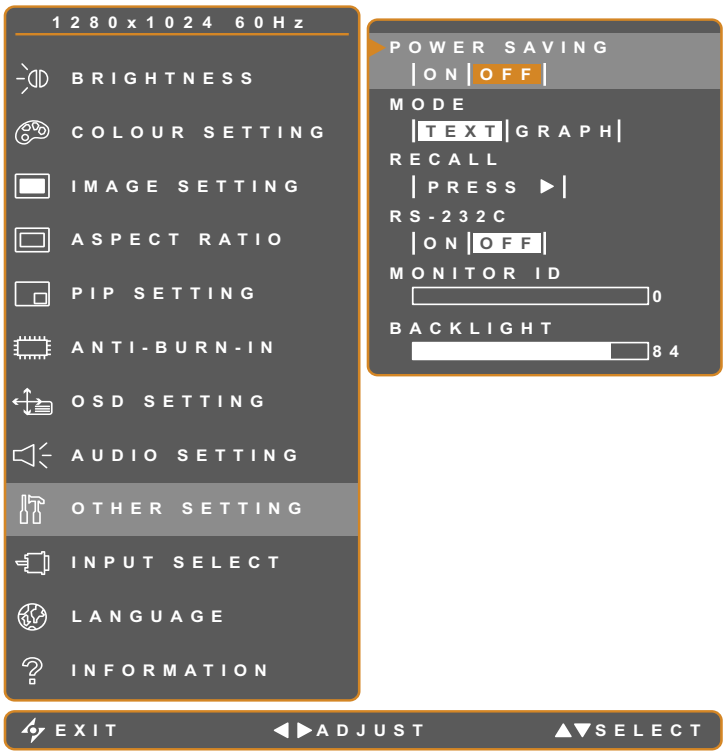
Item	Function	Range	Operation	
			Remote Control	Keypad
Transparency	Adjusts the transparency level of the OSD screen.	0 to 100	Press ◀ or ▶.	Press ◀ or ▶.
H. Position (Horizontal Position)	Moves the OSD window to the left or right of the screen.			
V. Position (Vertical Position)	Moves the OSD window up or down the screen.			
OSD Timer	Sets the length of time (in seconds) the OSD screen is displayed. When the time elapses, the OSD screen is automatically inactivated.	5 to 100		

5.9 Audio Setting



Item	Function	Range	Operation	
			Remote Control	Keypad
Volume	Adjusts the volume level of the built-in speaker.	0 to 100	Press ◀ or ▶.	Press ◀ or ▶.
Audio	Turns the audio speaker ON or OFF. **Note:** Even when Audio is set to “Off”, Audio is automatically turned on when volume is adjusted.	On Off		

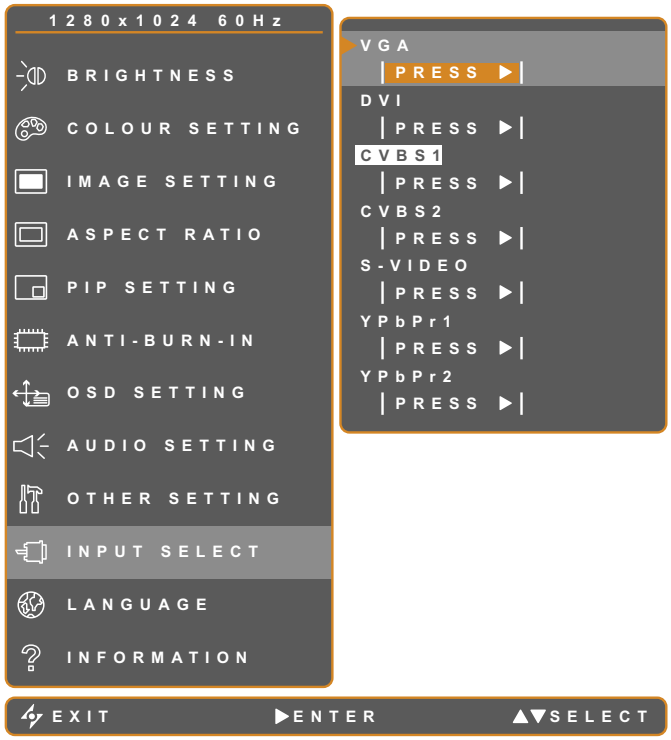
5.10 Other Setting



Item	Function	Range	Operation	
			Remote Control	Keypad
Power Saving	Enables or disables power saving mode. When the LCD display turns into power saving mode, the screen turns black and the LED indicator lights AMBER.	On Off	Press ◀ or ▶.	Press ◀ or ▶.
Mode	Sets the current mode for better image display.			
	Available only during computer input signal, when the resolution is either of the following: 640 x 350, 640 x 400, 720 x 350, or 720 x 400. For optimal performance, select: • **Text** - This mode is suitable for viewing text documents when the resolution is 720 x 400 or 720 x 350. • **Graph** - Graphics mode is suitable for viewing images when the resolution is 640 x 350 or 640 x 400.			
Recall	Use to recall all to default settings, except for Language.		Press ▶.	Press ▶.

Item	Function	Range	Operation	
			Remote Control	Keypad
RS-232C	Enables or disables RS-232 connection. With RS-232 connection, multiple displays can be connected together in a series to show the output of one computer.	On Off	Press ◀ or ▶.	Press ◀ or ▶.
Monitor ID	Sets the monitor ID of the LCD display. Monitor ID is a number assigned to each display connected through RS-232 connection. **Note:** Each LCD display must have a unique monitor ID.	0 to 254	Press ◀ or ▶.	Press ◀ or ▶.
Backlight	Adjusts the intensity of the backlight emitted by the LCD display.	0 to 100	Press ◀ or ▶.	Press ◀ or ▶.

5.11 Input Select



Item	Function	Operation	
		Remote Control	Keypad
VGA	Sets VGA as the input source signal.	Press ⏵.	Press ▶.
DVI	Sets DVI as the input source signal.		
CVBS1	Sets CVBS1 as the input source signal.		
CVBS2	Sets CVBS2 as the input source signal.		
S-Video	Sets S-Video as the input source signal.		
YPbPr1	Sets YPbPr1 as the input source signal.		
YPbPr2	Sets YPbPr2 as the input source signal.		

6. Appendix

6.1 Warning Messages

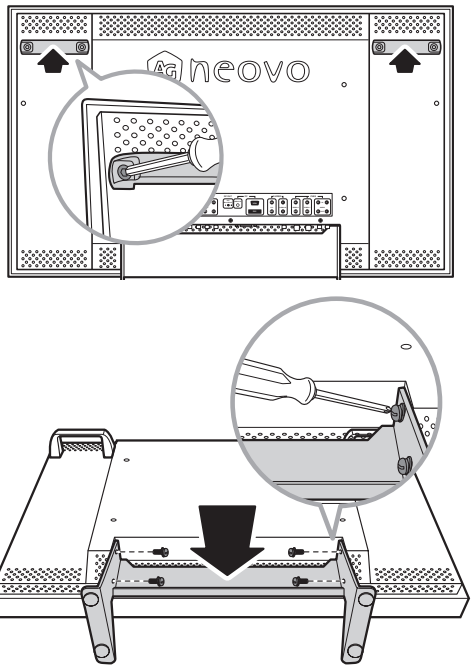
Warning Messages	Cause	Solution
	The resolution or the refresh rate of the graphics card of the computer is set too high.	• Change the resolution or the refresh rate of the graphics card.
	The LCD display cannot detect the input source signal.	• Check if the input source is turned ON. • Check if the signal cable is properly connected. • Check if any pin inside the cable connector is twisted or broken.
	The OSD has been locked by the user.	• Unlock the OSD. Refer to page 24.

6.2 Troubleshooting

Problem	Possible Cause and Solution
No picture. • LED indicator is OFF.	• Check if the LCD display is turned ON. • Check if the power cord is properly connected to the LCD display. • Check if the power cord is plugged into the power outlet.
• LED indicator is AMBER.	• Check if the computer is turned ON. • Check if the computer is in standby mode, move the mouse or press any key to wake up the computer.
Image position is incorrect.	• Adjust the H. POSITION and V. POSITION values. For VGA source, see IMAGE SETTING on page 33; for Video signals, see ASPECT RATIO on page 36.
The displayed texts are blurry.	• For VGA input, touch on the keypad to auto-adjust the display. • Adjust the IMAGE SETTING (see page 34).
The OSD menu can't be called out.	• The OSD is locked; unlock the OSD (see page 24).
Red, blue, green, white dots appear on screen.	• There are millions of micro transistors inside the LCD display. It is normal for a few transistors to be damaged and to produce spots. This is acceptable and is not considered a failure.
No audio output.	• Check if the volume is set to 0 (see page 23 or 41). • Check if AUDIO is set to OFF (see page 41). • For VGA or DVI input, check the audio setting of the computer.
Dew formed on or inside the LCD display.	• This normally happens when the LCD display is moved a cold room to a hot room temperature. Do not turn ON the LCD display, wait for the dew condensation to disappear.
Mist formed inside the glass surface.	• This happens due to humid weather conditions. This is a normal occurrence. The mist will disappear after a few days or as soon as the weather stabilizes.
Faint shadows from a static image appear on the screen.	• Turn off the LCD display for extended periods of time. • Run the Anti-Burn-In function (see page 39). • Use a screen saver or a black and white image and run it for extended periods of time.

6.3 Transporting the LCD Display

To transport the LCD display for repair or shipment, place the display in its original packaging carton.



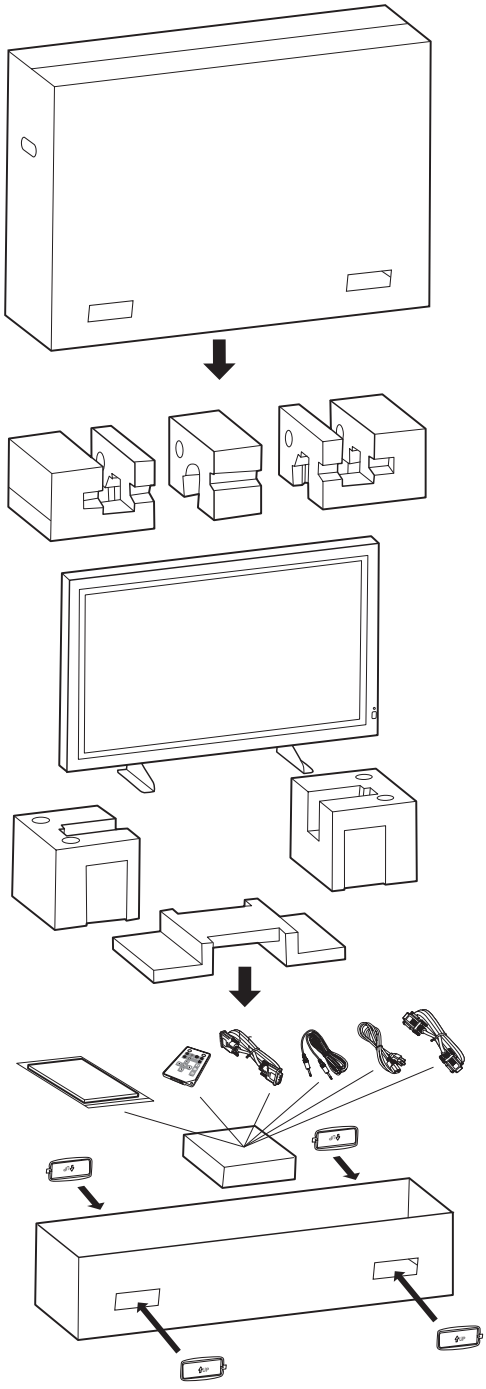
1 Attach the handles (if removed).

Lay the LCD display face down on a flat even surface.

Screw the handles to the LCD display.

2 Attach the base stand (if removed).

Screw the base stand to the LCD display.



3 Place all the enclosed accessories into the designated box.

4 Place the accessories box and the three foam cushions inside the inner carton.

5 Hold the LCD display by the handles and carefully place the LCD display down inside the inner carton.

6 Place the other three foam cushions on the LCD display for protection.

7 Cover the LCD display with the outer carton.

8 Use the designated tabs to cover the carton holes and attach the inner and the outer cartons together.

7. Specifications

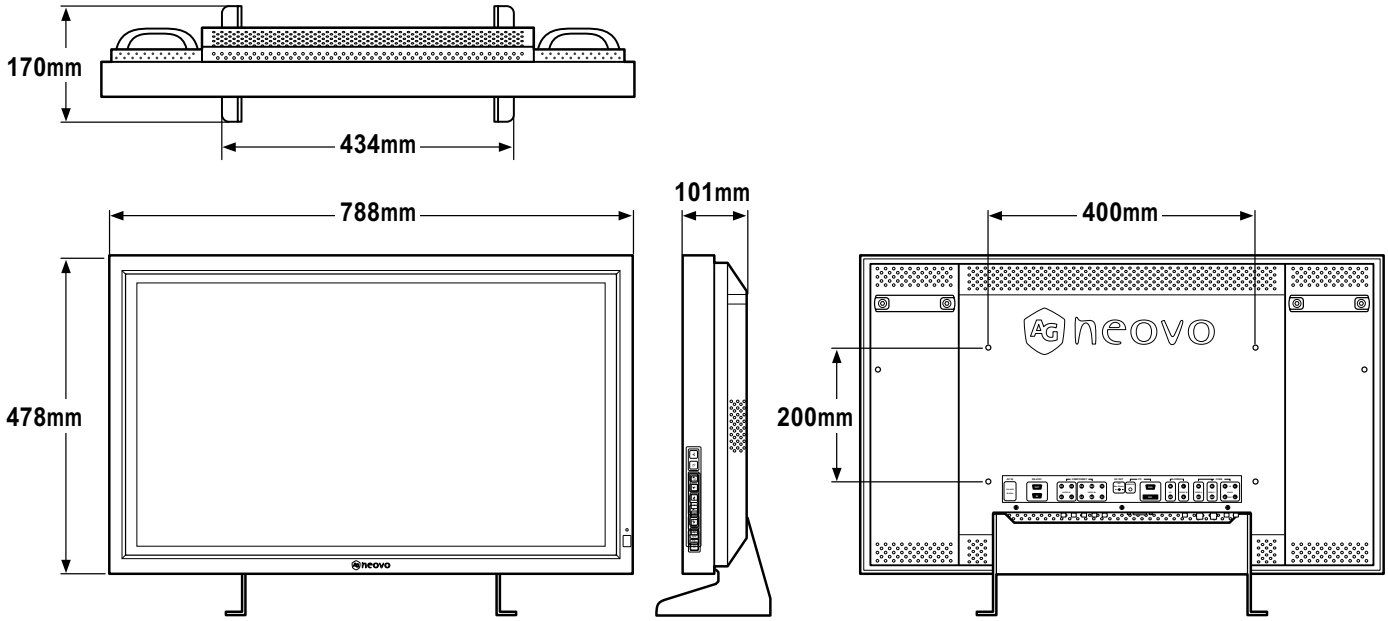
7.1 Display Specifications

		RX-W32	RX-W42
Panel	Panel Size	32”	42”
	Max. Resolution	WXGA 1366 x 768	Full HD 1920 x 1080
Frequency (H/V)		H: 24 kHz - 82 kHz V: 50 Hz - 85 Hz	H: 24 kHz - 82 kHz V: 50 Hz - 85 Hz
Input	VGA	15-Pin D-Sub	15-Pin D-Sub
	DVI	24-Pin DVI-D	24-Pin DVI-D
	CVBS	BNC x 2	BNC x 2
	S-Video	4-Pin mini DIN	4-Pin mini DIN
	Component (YPbPr)	RCA x 2	RCA x 2
Output	CVBS	BNC x 2	BNC x 2
	S-Video	4-Pin mini DIN	4-Pin mini DIN
External Control	RS-232C in/out	9-Pin D-Sub	9-Pin D-Sub
Audio	Audio In	1 x stereo audio in for PC (audio jack, 3.5 Ø) 1 x stereo audio in for CVBS (RCA) 1 x stereo audio in for S-Video (RCA) 2 x stereo audio in for YPbPr (RCA)	
	Audio Out	1 x stereo audio out for CVBS (RCA)	
	Speaker	2W x 2	
Power	DC output	12V / 350 mA, DC jack 2.5 Ø	
	Power	100 - 240V, 50 - 60 Hz	
	Consumption	< 98W (On) / < 10W (Off)	< 155W (On) / < 10W (Off)
Operating Conditions	Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)	
	Humidity	10% ~ 85%	
Storage Conditions	Temperature	-20 °C ~ 60 °C (-4 °F ~ 140 °F)	
	Humidity	10% ~ 95%	
Weight	Without Base	168.5 kg (37.0 lbs)	27.0 kg (59.5 lbs)
	With Base	18.3 kg (40.3 lbs)	28.4 kg (62.6 lbs)

Note: All specifications are subject to change without prior notice.

7.2 Display Dimensions

7.2.1 RX-W32 Dimensions



7.2.2 RX-W42 Dimensions