AG neovo

THE DISPLAY CHOICE
OF PROFESSIONALS™

SC-2402 LCD Monitor

User Manual

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SAFETY INFORMATION

Federal Communications Commission (FCC) Notice (U.S. Only)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Use only an RF shielded cable that was supplied with the monitor when connecting this monitor to a computer device.

To prevent damage which may result in fire or shock hazard, do not expose this appliance to rain or excessive moisture.

THIS CLASS B DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE-CAUSING EQUIPMENT REGULATIONS.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

PRECAUTIONS

PRECAUTIONS

⚡ **CAUTION**
RISK OF ELECTRIC SHOCK
DO NOT OPEN
⚠
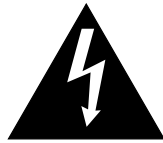
Symbols used in this manual

⚡	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 monitor 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 **www.agneovo.com**.

- To protect your rights as a consumer, do not remove any stickers from the LCD monitor. Doing so may affect the determination of the warranty period.

Cautions When Setting Up

	Do not place the LCD monitor 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 monitor on a stable area. Do not place the LCD monitor where it may subject to vibration or shock.
	Place the LCD monitor in a well-ventilated area.
	Do not place the LCD monitor outdoors.
	Do not place the LCD monitor in a dusty or humid environment.
	Do not spill liquid or insert sharp objects into the LCD monitor through the ventilation holes. Doing so may cause accidental fire, electric shock or damage the LCD monitor.

PRECAUTIONS

Cautions When Using

	Use only the power cord supplied with the LCD monitor.
	The power outlet should be installed near the LCD monitor and be easily accessible.
	If an extension cord is used with the LCD monitor, 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 monitor where the power cord may be stepped on.
	If the LCD monitor 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.

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 monitor has been dropped or the housing has been damaged.
- If the LCD monitor emits smoke or a distinct odor.

Ceiling mount or mount on any other horizontal surface overhead are not advisable.

WARNING:

Installation in contravention of the instructions may result in undesirable consequences, particularly hurting people and damaging property. Users who have already mounted the monitor on the ceiling or any other horizontal surface overhead are strongly advised to contact AG Neovo for consultations and solutions to help ensure a most pleasurable and fulfilling monitor experience.

PRECAUTIONS

Cleaning and Maintenance

Do not attempt to service the LCD monitor yourself, refer to qualified service personnel.

Opening or removing the covers may expose you to dangerous voltage or other risks.

Notice for the LCD Monitor

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 monitor may decrease with time.

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

To prevent image retention, do any of the following:

- Set the LCD monitor to turn off after a few minutes of being idle.

- Use a screen saver that has moving graphics or a blank white image.

- Switch desktop backgrounds regularly.

- Adjust the LCD monitor to low brightness settings.

- Turn off the LCD monitor when the system is not in use.

Things to do when the LCD monitor shows image retention:

- Turn off the LCD monitor 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.

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

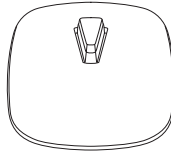# CHAPTER 1: PRODUCT DESCRIPTION

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.
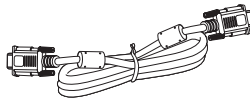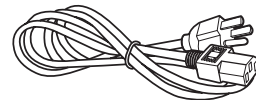
☐ **LCD Monitor**
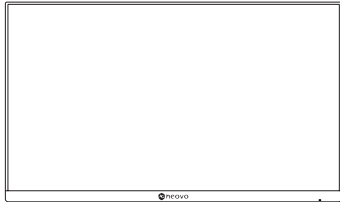
☐ **Base**

☐ **Stand**
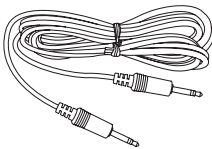
☐ **Quick Start Guide**

☐ **VGA Cable**

☐ **Power Cord**

☐ **Audio Cable**

Note:
- *Use only the supplied power cord.*
- *The above pictures are for reference only. Actual items may vary upon shipment.*

PRODUCT DESCRIPTION

1.2 Installation

1.2.1   Installing the Stand

1. Pinch the latches on the base and then attach the base to the arm. Ensure the base latches are secured to the slots on the arm.

2. Place the LCD monitor with the screen side down on a cushioned surface.

3. Attach the stand to the monitor.
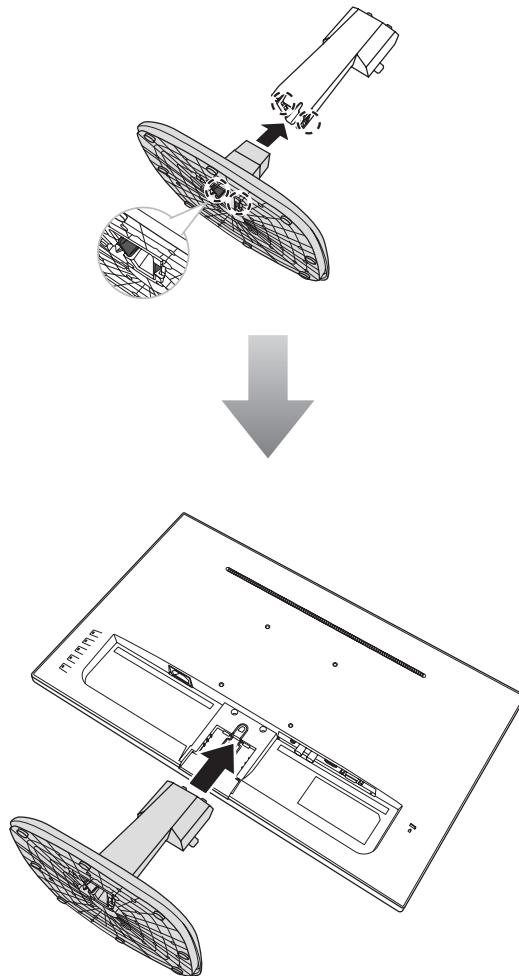
1.2.2 Adjusting the Tilt

For comfort viewing, tilt the LCD monitor up to an angle of -5° to 20°. Hold the stand with one hand and use the other to adjust the LCD monitor to the desired angle.

20°~-5°
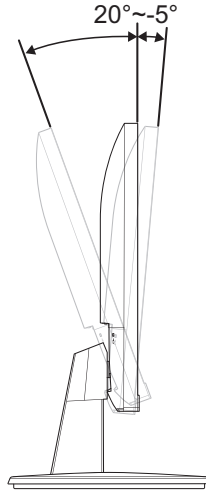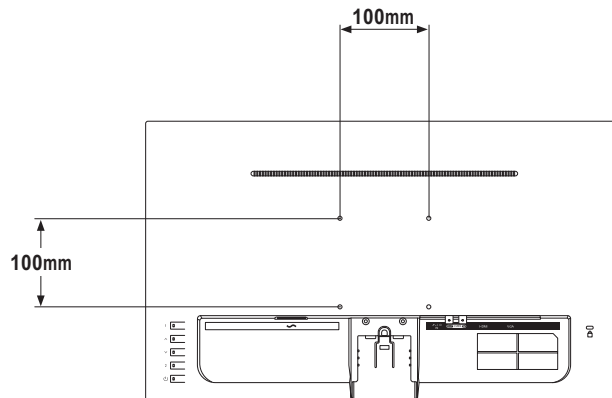
1.2.3 Wall Mounting

To wall mount the LCD monitor, do the following steps:

1. Remove the base stand.

Refer to page 37.

2. Wall mount the LCD monitor.

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

100mm

100mm

Note: *Take measures to prevent the LCD monitor from falling down and lessen possible injury and damage to the monitor in case of earthquakes or other disasters.*
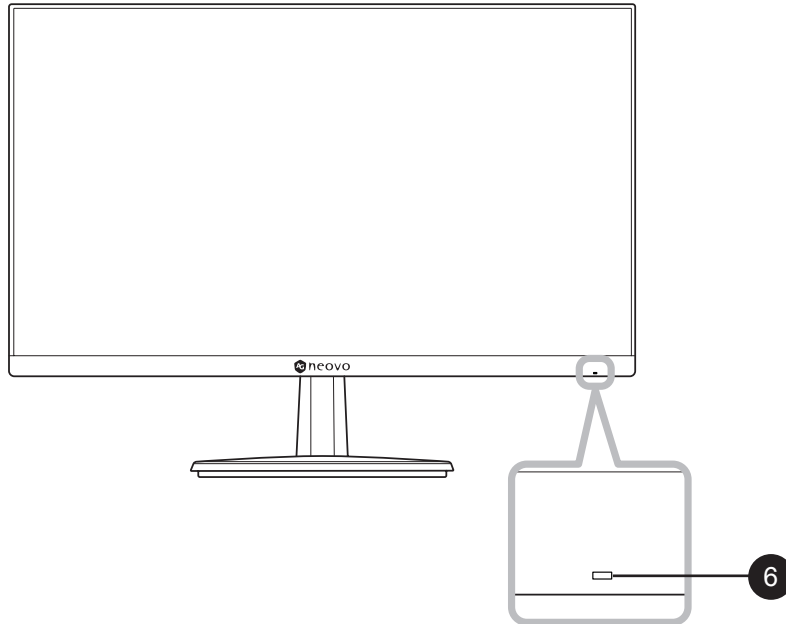
- *Use only the 100 x 100 mm wall mount kit recommended by AG Neovo. All AG Neovo wall mount kits comply with VESA standard.*

- *Secure the LCD monitor on a solid wall strong enough to bear its weight.*

- *It is suggested to wall mount the LCD monitor without tilting it facing downward.*
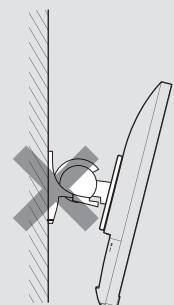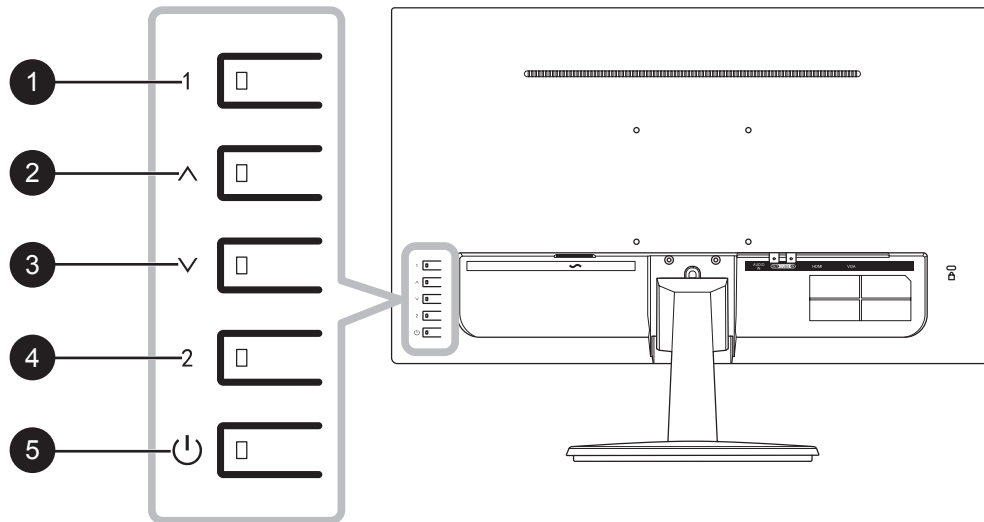
PRODUCT DESCRIPTION

1.3 Overview

1.3.1 Front View

⑥   **Power status indicator:** Indicates the operating status of the monitor:

- Blue – Power On mode.

- Amber – Standby mode.

- LED off – Off mode.

PRODUCT DESCRIPTION

1.3.2 Control Panel

1: MENU

OSD menu ON/OFF.

UP (∧): Hot Key: Source Key

When OSD menu is ON, navigate through adjustment icons or adjust a function.

DOWN (∨): Hot Key: Volume Key

- When OSD menu is ON, navigate through adjustment icons or adjust a function.

- When the Down key is pressed, the volume can be adjust. The Up/Down key can be used for the volume adjust.

2: Hot Key: Auto adjust for VGA

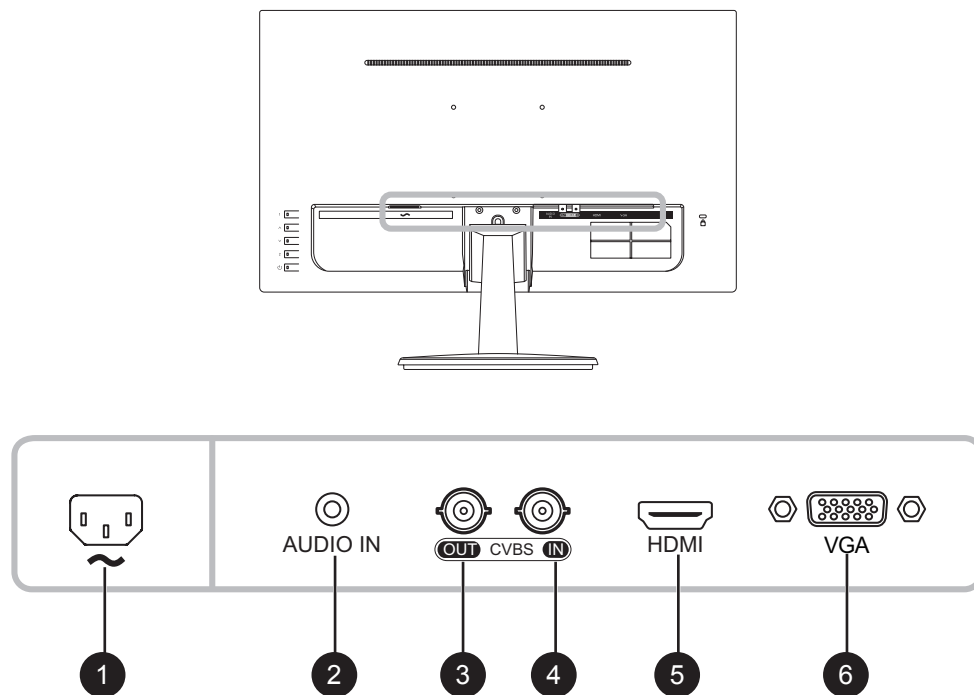When OSD menu is ON, the key is used for function adjust confirm.

POWER:

Press to turn the monitor on or off.

PRODUCT DESCRIPTION

1.3.3 Rear View

1	**〜:**
	AC power input.

2	**AUDIO IN:**
	Connect to audio input source (3.5 mm Stereo Audio Jack).

3	**COMPOSITE (CVBS) OUT:**
	Connect Composite (CVBS) signals output.

4	**COMPOSITE (CVBS) IN:**
	Connect Composite (CVBS) signals input.

5	**HDMI IN:**
	Connect HDMI signals input.

6	**VGA IN:**
	Connect VGA signals input.

CHAPTER 2: MAKING CONNECTIONS

> **CAUTION:**
>
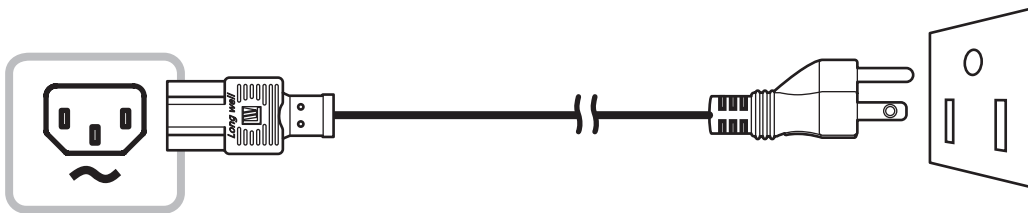> Make sure that the LCD monitor is not connected to the power outlet before making any connections. Connecting cables while the power is ON may cause possible electric shock or personal injury.

2.1 Connecting the AC Power

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

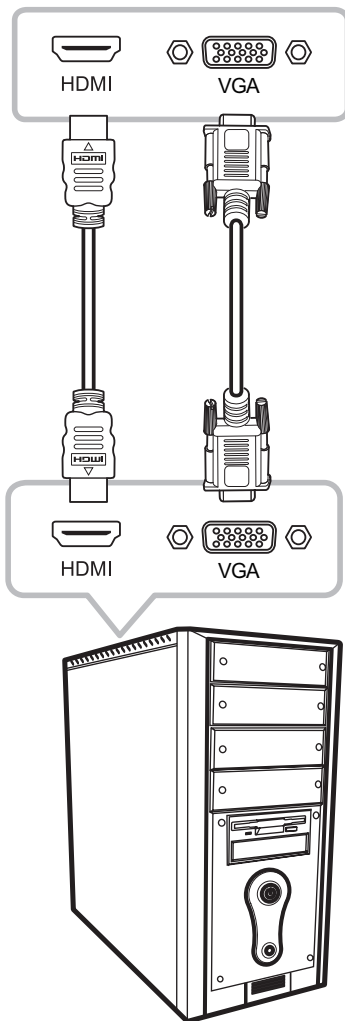2. **Connect the power cord plug to a power outlet or a power supply.**

> **CAUTION:**
>
> When unplugging the power cord, hold the power cord by the plug head. Never pull by the cord.

MAKING CONNECTIONS

2.2 Connecting Input Source Signals

Input source signals can be connected with either of the following cables:

- **HDMI**

  Connect one end of an HDMI cable to the HDMI connector of the LCD monitor and the other end to the HDMI connector of the computer.
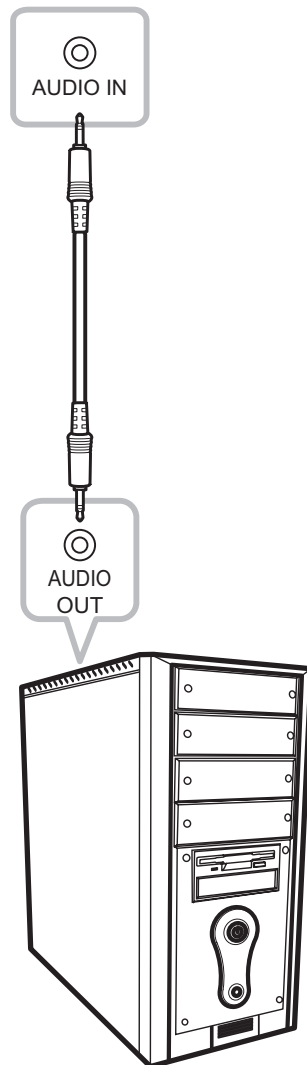
- **VGA**

  Connect one end of a D-Sub (VGA) cable to the D-Sub (VGA) connector of the LCD monitor and the other end to the D-Sub (VGA) connector of the computer.

MAKING CONNECTIONS

2.3 Connecting Audio Devices

Connect one end of an audio cable to the AUDIO IN connector of the LCD monitor and the other end to the AUDIO OUT connector of the computer.
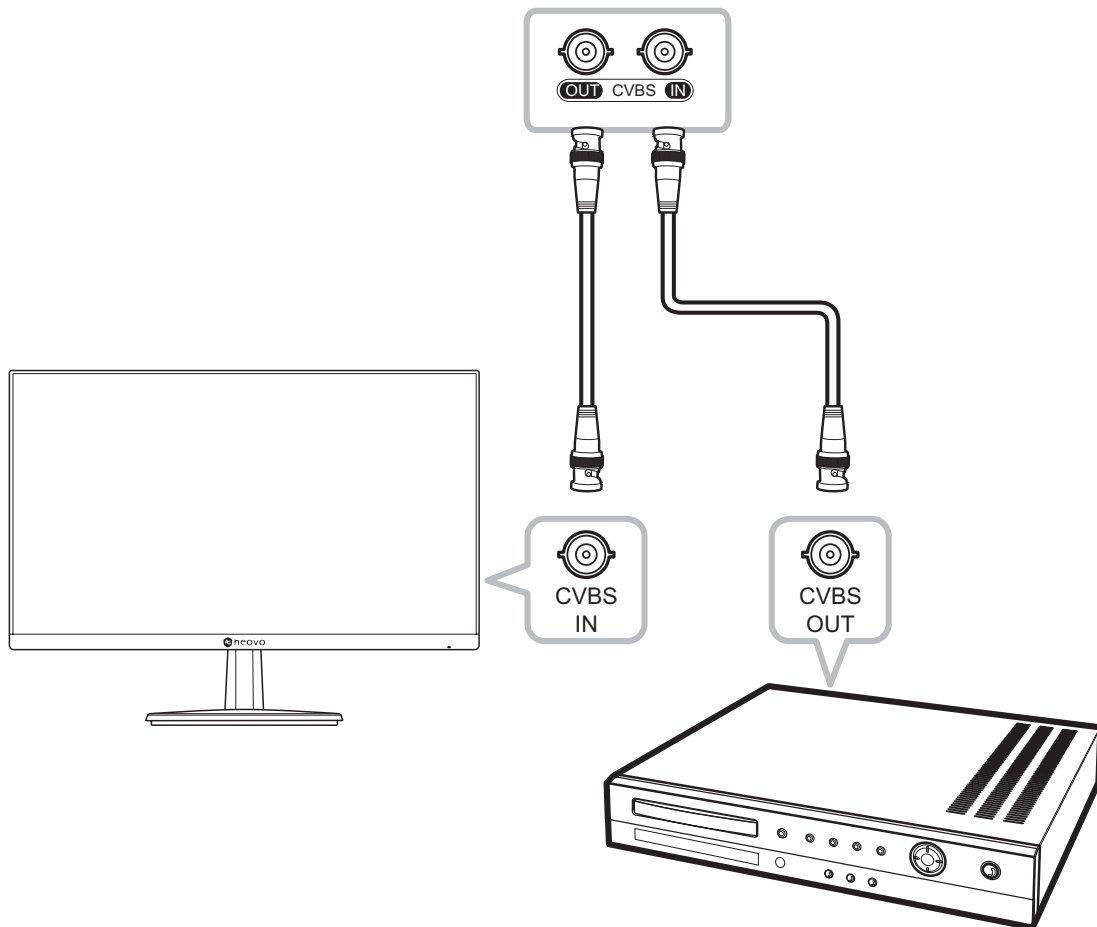
MAKING CONNECTIONS

2.4 Connecting a Video Device

- **CVBS OUT**

  Connect one end of a composite cable to the CVBS OUT connector of the LCD monitor and the other end to the CVBS IN connector of the external display.

- **CVBS IN**

  Connect one end of a composite cable to the CVBS IN connector of the LCD monitor and the other end to the CVBS OUT port of the video device.

CHAPTER 3: USING THE LCD MONITOR

3.1 Turning on the Power

1. **Plug the power cord to a power outlet or power supply.**

2. **Press the ⏻ key on the control panel**

Power Key
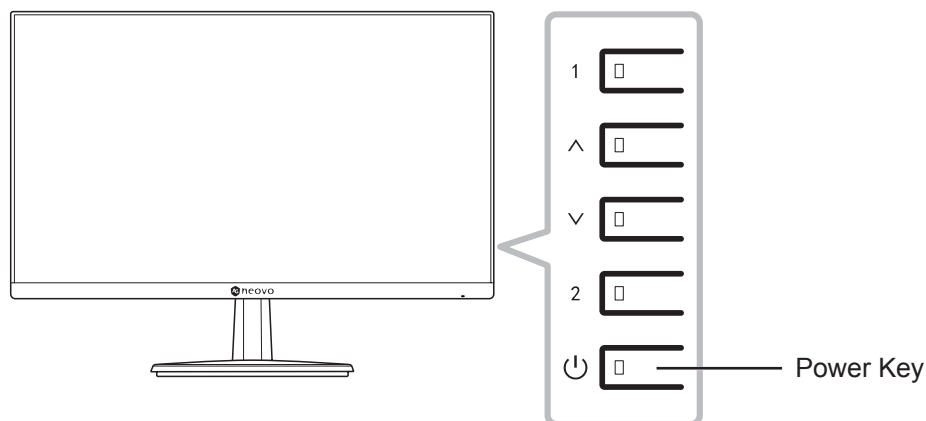
When the LCD monitor is turned on, press the ⏻ key to turn off the LCD monitor.

Note: *The LCD monitor 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 Displaying the OSD Menu

Press the 1 key to open the OSD menu. Press the 1 key again to close the OSD menu.

For more information on adjusting settings, refer to page 23.

1 Key
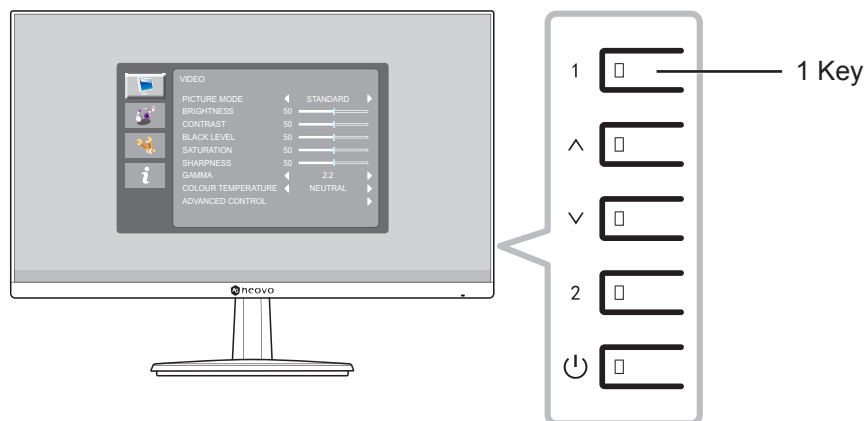
The following menu appears on the screen:
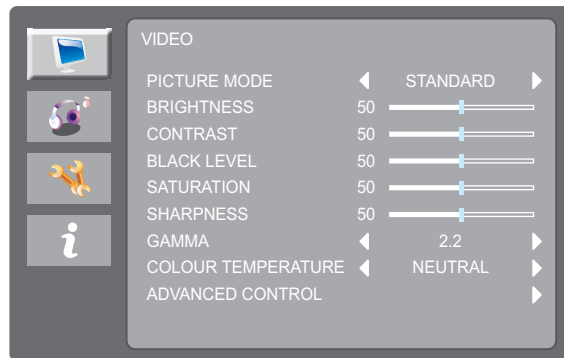
3.3 Selecting a Source

Press the ∧ key to call out the source selection menu.

UP Key
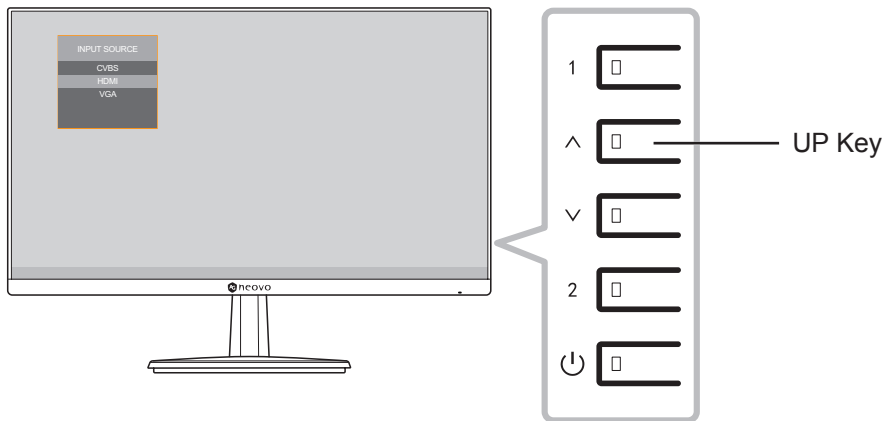
The following menu appears on the screen:
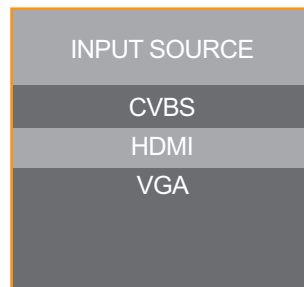
Press the ∧ key continuously to select the desired input source. Then press the 2 key to confirm or wait until the source menu disappears from the screen automatically. The available input options include "CVBS", "HDMI", and "VGA".

Note: *Every time you switch to the VGA source, the LCD monitor performs screen adjustment automatically.*

3.4 Adjusting the Volume

Press the ∨ key to call out the volume bar.

DOWN Key
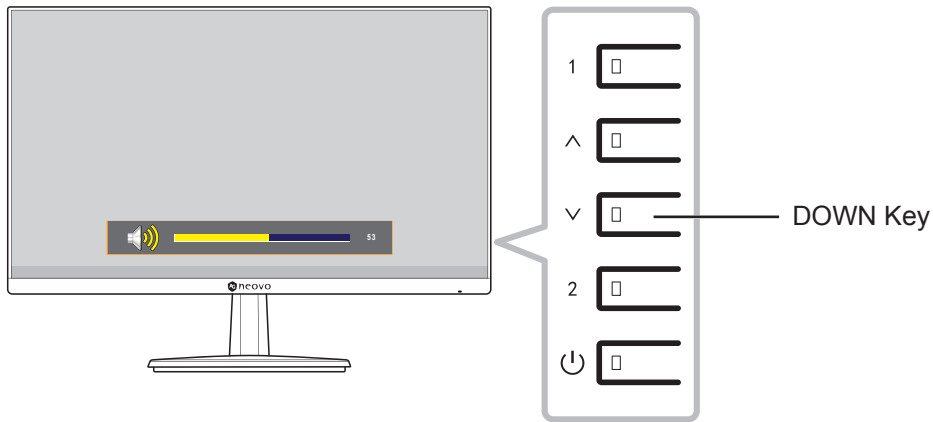
The following menu appears on the screen:

Press the ∧ or ∨ key to adjust volume.

Note: *During volume or menu setting adjustment, press and hold the ∧ or ∨ key to change the values continuously.*

3.5 Auto Adjusting the Screen (For VGA Source Only)

Auto Adjustment function automatically tunes the LCD monitor to its optimal setting, including horizontal position, vertical position, clock, and phase.

Press the 2 key to perform auto adjustment for VGA source.

AUTO ADJUSTING...

2 Key
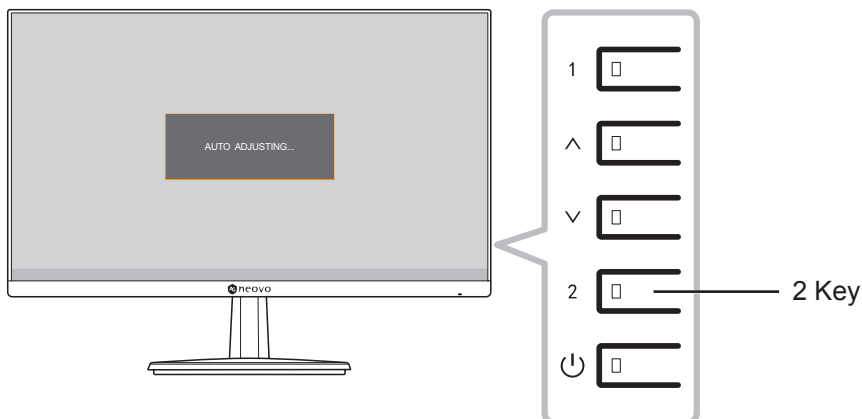
The following message appears on the screen:

AUTO ADJUSTING...

During the auto adjustment, the screen will slightly shake for a few seconds.

The screen adjustment is complete when the AUTO ADJUSTING message disappears from the screen.

Note: *It is recommended to use the auto adjustment function when using the LCD monitor for the first time or after a resolution change.*

3.6 Locking the Control Keys

Locking the control keys helps to prevent unwanted access to the LCD monitor settings.

Press the 1 key for 5 seconds to lock all keys except for Power.
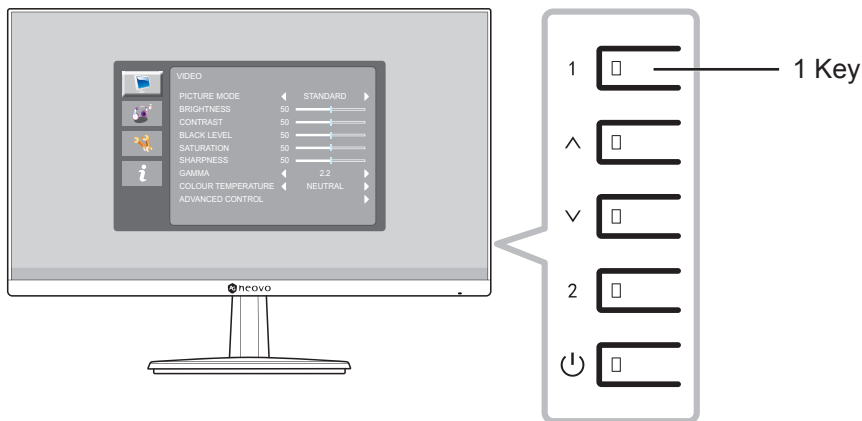
The keypad lock message is displayed on the screen.

Keypad Lock
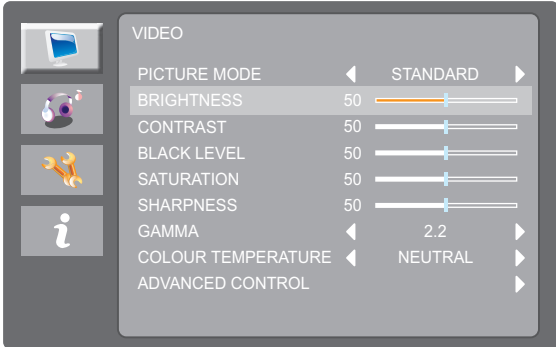
To unlock the control keys, press the 1 key again for 5 seconds.

The keypad unlock message is displayed on the screen.

Keypad UnLock

CHAPTER 4: ON SCREEN DISPLAY MENU

4.1 Using the OSD Menu

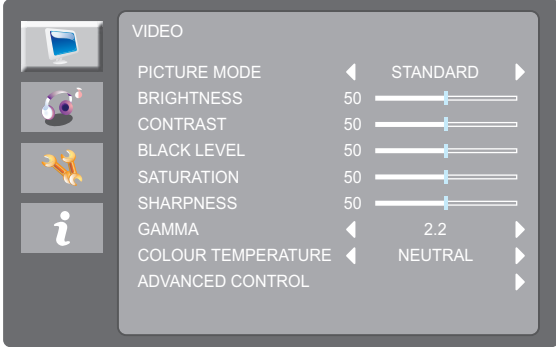| #	Menu Navigation	Operation
1	Display the main menu screen. VIDEO PICTURE MODE ◄ STANDARD ► BRIGHTNESS 50 CONTRAST 50 BLACK LEVEL 50 SATURATION 50 SHARPNESS 50 GAMMA ◄ 2.2 ► COLOUR TEMPERATURE ◄ NEUTRAL ► ADVANCED CONTROL ►	Press 1 on the control panel.
2	Enter the submenu. VIDEO PICTURE MODE ◄ STANDARD ► BRIGHTNESS 50 CONTRAST 50 BLACK LEVEL 50 SATURATION 50 SHARPNESS 50 GAMMA ◄ 2.2 ► COLOUR TEMPERATURE ◄ NEUTRAL ► ADVANCED CONTROL ► The highlighted item (light grey bar) indicates the active submenu item.	**1** Press ∧/∨ to select the menu item. **2** Press AUTO to enter submenu. **3** Press ∧/∨ to select the submenu item. **4** Press AUTO to enter adjustment mode.
3	Adjust the settings. For example: BRIGHTNESS 50	Press 2 (repeatedly) to change the setting or press ∧/∨ to adjust the value.
4	Return to the previous menu and/or close the OSD window.	Press 1 once to return to the previous menu. Press 1 repeatedly to close the OSD window.

Note: *When settings are modified, all changes are saved when the user does the following:*
- *Proceeds to another menu*
- *Exits the OSD menu*
- *Waits for the OSD menu to disappear*

ON SCREEN DISPLAY MENU

4.2 OSD Menu Tree

Main Menu	Submenu	Reference
VIDEO	PICTURE MODE	Refer to page 25.
	BRIGHTNESS	
	CONTRAST	
	BLACK LEVEL	
	SATURATION	
	TINT	
	SHARPNESS	
	GAMMA	
	COLOUR TEMPERATURE	
	ADVANCED CONTROL	
	AUTO ADJUST	
	AUTO COLOUR	
AUDIO	SOUND MODE	Refer to page 29.
	BALANCE	
	VIRTUAL SURROUND	
	AUTO VOLUME	
SETTING	LANGUAGE	Refer to page 30.
	BACKLIGHT	
	OSD TIMER	
	OSD TRANSPARENCY	
	STANDBY	
	VPM	
	SOURCE DETECT	
	BLUE SCREEN	
	COLOUR SYSTEM	
	ANTI-BURN-IN	
	RESET DEFAULT	
INFORMATION	INPUT:	Refer to page 33.
	RESOLUTION:	
	HORIZONTAL FREQ.:	
	VERTICAL FREQ.:	
	TIMING MODE:	
	F/W VERSION:	

ON SCREEN DISPLAY MENU

Note: *Availability of some menu items depend on the input source signal. If the menu is not available, it is not visible or disabled and greyed out.*
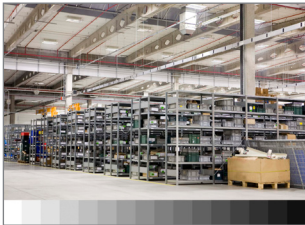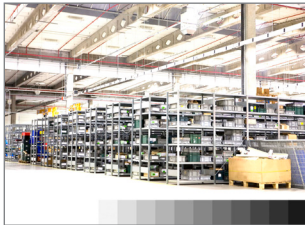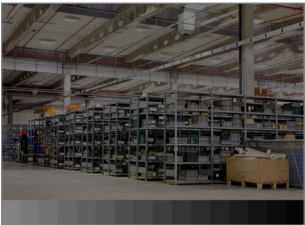
CHAPTER 5: ADJUSTING THE LCD MONITOR

5.1 VIDEO Menu
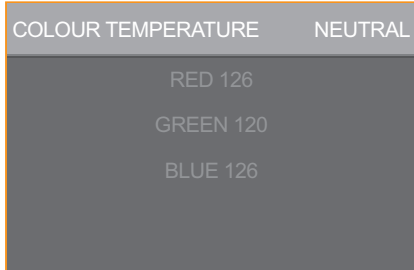
1. **Press 1 on the control panel to call out the OSD window.**

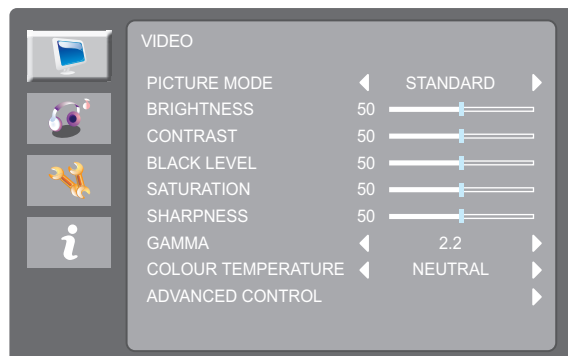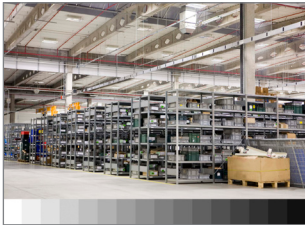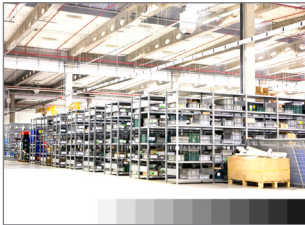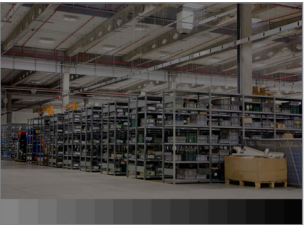2. **Press ∧/∨ to select** and then press 2 to enter the VIDEO menu.**

VIDEO		
PICTURE MODE	◄	STANDARD ►
BRIGHTNESS	50	
CONTRAST	50	
BLACK LEVEL	50	
SATURATION	50	
SHARPNESS	50	
GAMMA	◄	2.2 ►
COLOUR TEMPERATURE	◄	NEUTRAL ►
ADVANCED CONTROL		►

3. **Press ∧/∨ to select an option and press 2 to enter its submenu.**

Item	Function	Operation	Range
PICTURE MODE	Selects a predefined picture mode setting. **Note:** The recommended PICTURE MODE for optimised PC source is STANDARD and ASPECT RATIO is 16:9. In optimised mode, SATURATION and SHARPNESS parameters cannot be modified.	Press 2 (repeatedly) to select the setting.	STANDARD CCTV VIDEO
BRIGHTNESS	Adjusts the luminance of the screen image. *Original Setting* *High Setting* *Low Setting* 	Press ∧/∨ to adjust the value.	0 to 100
CONTRAST	Adjusts the difference between the black level and the white level. *Original Setting* *High Setting* *Low Setting* 	1 Press 2. 2 Press ∧/∨ to adjust the value.	0 to 100
BLACK LEVEL	Adjusts the black level of the screen image. Low brightness setting makes black colour darker.	Press ∧/∨ to adjust the value.	0 to 100

ADJUSTING THE LCD MONITOR

Item	Function	Operation	Range
SATURATION	Adjusts the colour saturation. **Note:** This menu item is only available for HDMI and CVBS sources.	Press ∧/∨ to adjust the value.	0 to 100
TINT	Adjusts the colour tint. **Note:** This menu item is only available for CVBS source.		0 to 100
SHARPNESS	Adjusts the clarity and focus of the screen image. **Note:** This menu item is only available for HDMI and CVBS (NTSC) sources.		0 to 100
GAMMA	Adjusts the non-linear setting for picture luminance and contrast.	Press 2 (repeatedly) to select the setting.	1.8 2.0 2.2 2.4 S
COLOUR TEMPERATURE	Provides several colour adjustment settings. COLOUR TEMPERATURE NEUTRAL RED 126 GREEN 120 BLUE 126		NEUTRAL WARM COOL USER

	Colour temperature can be set to:
	
	• "NEUTRAL" - This is the default colour temperature commonly used for normal lighting conditions.
	
	• "WARM" - Applies a reddish tint for warmer colours.
	
	• "COOL" - Applies a bluish tint for cooler colours.
	
	• "USER" - This allows users to set the colour temperature by adjusting the red, green, or blue setting according to one's preference.
	   a. Select "USER" and press ∨.
	   b. Press 2 to enter "RED" settings.
	   c. Press ∧/∨ to adjust the value (0 to 255).
	   d. When done, press 1 to return to the previous menu. To adjust green and blue, press ∧/∨ and repeat steps b to c.		

ADJUSTING THE LCD MONITOR

Item	Function	Operation	Range
ADVANCED CONTROL	Configures advanced control settings.	Press 2.	-
	• "NOISE REDUCTION" - Reduces the noise in the picture due to poor reception or poor picture quality.	1 Press ∧/∨ . 2 Press 2 (repeatedly) to select the setting.	OFF LOW MIDDLE HIGH
	• "COLOR RANGE" - Adjusts black and white levels for video. **Note:** This menu item is only available for HDMI source.		FULL LIMIT
	• "DCR (Dynamic Contrast Ratio)" - Automatically adjusts the backlight range according to the display screen, such as when watching movies. DCR is suitable for indoor viewing. **Note:** This menu item is only available for HDMI source.		OFF ON
	• "CONTRAST ENHANCER" - Automatically adjusts picture brightness and contrast at high speed and dynamic contrast range, such as when watching movies. **Note:** This menu item is only available for HDMI source.		OFF ON
	• "ASPECT RATIO" - Adjusts the aspect ratio of the screen image. **Note:** The ZOOM1 and ZOOM2 options are only available if the input source is CVBS.		16:9 NATIVE 4:3 ZOOM1 ZOOM2
AUTO ADJUST	Configures auto adjustment settings. **Note:** This menu item is only available for VGA source.	Press 2.	-
	• "AUTO ADJUST" - Automatically tunes the LCD monitor to its optimal setting, including horizontal position, vertical position, clock, and phase. AUTO ADJUSTING...	1 Press ∧/∨ . 2 Press 2.	-

ADJUSTING THE LCD MONITOR

Item	Function	Operation	Range
AUTO ADJUST	• "H.POSITION (Horizontal Position)" - Moves the screen image to the left or right.	**1** Press ∧/∨. **2** Press 2. **3** Press ∧/∨ to adjust the value.	0 to 100
	• "V.POSITION (Vertical Position)" - Moves the screen image up or down.		0 to 100
	• "PHASE" - Adjusts the phase timing to synchronise with the video signal.		0 to 100
	• "CLOCK" - Adjusts the frequency timing to synchronise with the video signal.		0 to 100
AUTO COLOUR	Operates the white balance and automatically adjusts the colour settings. SUCCESS **Note:** This menu item is only available for VGA source.	Press 2.	-

ADJUSTING THE LCD MONITOR

5.2 AUDIO Menu

1. **Press 1 on the control panel to call out the OSD window.**

2. **Press ∧/∨ to select** 🐞 **and then press 2 to enter the AUDIO menu.**

```
AUDIO

SOUND MODE          ◄    USER      ►
BALANCE            0  ——————●—————
BASS               50 ——————●—————
TREBLE             50 ——————●—————
VIRTUAL SURROUND    ◄    OFF       ►
AUTO VOLUME         ◄    OFF       ►
```

3. **Press ∧/∨ to select an option and press 2 to enter its submenu.**

Item	Function	Operation	Range
SOUND MODE	Selects a predefined sound mode setting. • "USER" - This allows users to configure balance, bass, and treble settings according to one's preference. a. Select "USER" and press ∨. b. Press 2 to enter "BALANCE" adjustment. c. Press ∧/∨ to adjust the value (-50 to 50). d. When done, press 1 to return to the previous menu. To adjust treble (1 to 100) and bass (1 to 100), press ∧/∨ and repeat steps b to c.	Press 2 (repeatedly) to select the setting.	STANDARD MUSIC MOVIE SPORTS USER
BALANCE	Adjusts the audio balance	Press ∧/∨ to adjust the value.	-50 to 50
VIRTUAL SURROUND	Provides an enhanced listening experience.	Press 2 (repeatedly) to select the setting.	OFF ON
AUTO VOLUME	Automatically remains at the same volume level if you change the program.		OFF ON

ADJUSTING THE LCD MONITOR

5.3 SETTING Menu

1. **Press 1 on the control panel to call out the OSD window.**

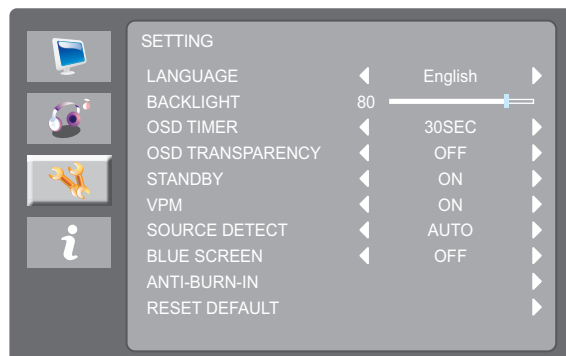2. **Press ∧/∨ to select 🔧 and then press 2 to enter the SETTING menu.**

```
SETTING
LANGUAGE            ◄    English      ►
BACKLIGHT          80  ────────■──
OSD TIMER           ◄    30SEC       ►
OSD TRANSPARENCY    ◄    OFF         ►
STANDBY             ◄    ON          ►
VPM                 ◄    ON          ►
SOURCE DETECT       ◄    AUTO        ►
BLUE SCREEN         ◄    OFF         ►
ANTI-BURN-IN                         ►
RESET DEFAULT                        ►
```
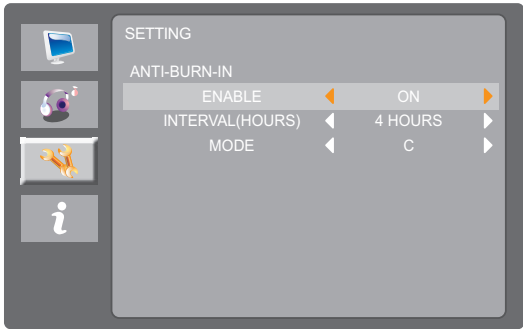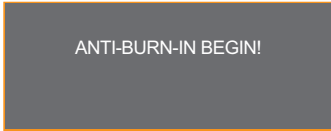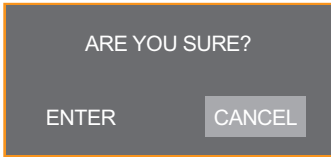
3. **Press ∧/∨ to select an option and press 2 to enter its submenu.**

Item	Function	Operation	Range
LANGUAGE	Choose the language used for OSD menus.	Press 2 (repeatedly) to select the setting.	English Español Français Deutsch 简体中文 繁體中文
BACKLIGHT	Adjusts the luminance of the screen image.	Press ∧/∨ to adjust the value.	0 to 100
OSD TIMER	Sets the length of time (in seconds) the OSD screen is displayed. When the time elapses, the OSD screen is automatically inactivated.	Press 2 (repeatedly) to select the setting.	OFF 10SEC 20SEC 30SEC 40SEC 50SEC 60SEC
OSD TRANSPARENCY	Adjusts the OSD transparency.		OFF LOW MIDDLE HIGH

ADJUSTING THE LCD MONITOR

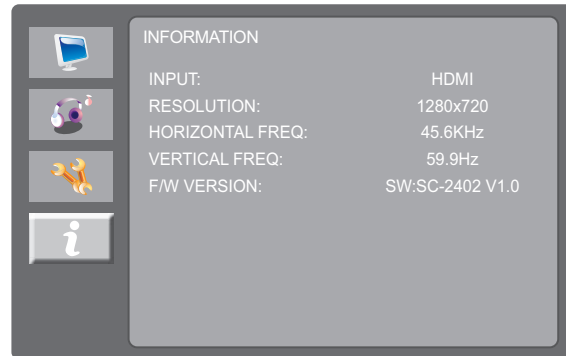| Item	Function	Operation	Range
STANDBY	Enables or disables standby mode. **Note:** The amount of time for the display to enter standby varies depending on the "SOURCE DETECT" setting. If the "SOURCE DETECT" is set to "AUTO", the display checks all input source signals before entering standby mode if no signal is detected; this takes up more time. If the "SOURCE DETECT" is set to "MANUAL", the display enters standby mode right away.	Press 2 (repeatedly) to select the setting.	OFF ON
VPM	Enables the VPM feature to wake up the monitor from standby mode. And this menu option is only available if the input source is CVBS. **Note:** Please turn on the VPM option before the CVBS input source is connected.		OFF ON
SOURCE DETECT	Sets the display to automatically or manually detect the input source signal.		AUTO MANUAL
BLUE SCREEN	If no input signal is available, the background of the screen is blue.		OFF ON
COLOUR SYSTEM	Select the input signal system. **Note:** This menu item is only available for CVBS source.		AUTO PAL PAL_60 NTSC NTSC_443 SECAM

Item	Function	Operation	Range
ANTI-BURN-IN	Protects the display from "burn-in" or "afterimage" symptoms when the display has not being used for a period of time. SETTING ANTI-BURN-IN ENABLE ◀ ON ▶ INTERVAL(HOURS) ◀ 4 HOURS ▶ MODE ◀ C ▶ **Note:** When Anti-Burn-in™ starts, you will see the following notification: ANTI-BURN-IN BEGIN!	**1** Press ∧/∨. **2** Press 2 to enter the submenu.	-
ANTI-BURN-IN	• "ENABLE" - Enables or disables Anti-Burn-in™ function.	Press 2 (repeatedly) to select the setting.	OFF ON
	• "INTERVAL(HOURS)" - Selects the interval time (hour) between activating the Anti-Burn-in™ function.		4 HOURS 5 HOURS 6 HOURS 8 HOURS
	• "MODE" - Sets the Anti-Burn-in™ mode to "A" (execute fast), "B" (slower but more precise than mode "A"), or C (slowest but the most precise mode).		A B C
RESET DEFAULT	Resets all settings to the factory defaults. ARE YOU SURE? ENTER CANCEL	**1** Press ∧/∨. **2** Press 2 to confirm.	ENTER CANCEL

ADJUSTING THE LCD MONITOR

5.4 INFO Menu

1. **Press 1 on the control panel to call out the OSD window.**

2. **Press ∧/∨ to select ℹ and then press 2 to enter the INFORMATION menu.**

INFORMATION

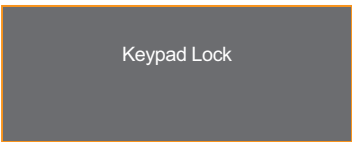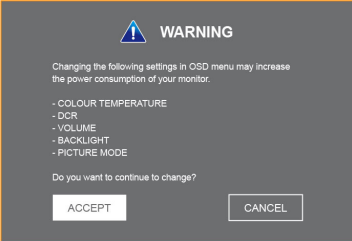|	
INPUT:	HDMI
RESOLUTION:	1280x720
HORIZONTAL FREQ:	45.6KHz
VERTICAL FREQ:	59.9Hz
F/W VERSION:	SW:SC-2402 V1.0

3. **Review LCD monitor information.**

CHAPTER 6: APPENDIX

6.1 Warning Messages

When any of these warning messages appear, check the following items.

Warning Message	Cause	Solution
INVALID FORMAT	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.
NO SIGNAL	The LCD monitor 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.
Keypad Lock	Keypad has been locked.	√ Press the 1 key for 5 seconds to enable/disable the KEY LOCK (w/o POWER) function.
⚠ WARNING Changing the following settings in OSD menu may increase the power consumption of your monitor. - COLOUR TEMPERATURE - DCR - VOLUME - BACKLIGHT - PICTURE MODE Do you want to continue to change? ACCEPT CANCEL	This warning message box will only show when the menu feature setting is changed for the first time.	√ Select ACCEPT to continue the setting changes, or select CANCEL to disable the setting changes. **Note:** *The operation may vary from different product models.*

CHAPTER 6: APPENDIX

6.2 Timing

VGA	DVI	HDMI
720 x 400p @ 70 Hz	720 x 400p @ 70 Hz	1920 x 1080p at 50 Hz
640 x 480p @ 60 Hz	640 x 480p @ 60 Hz	1920 x 1080p at 60 Hz
640 x 480p @ 72 Hz	640 x 480p @ 72 Hz	1920 x 1080i at 50 Hz
640 x 480p @ 75 Hz	640 x 480p @ 75 Hz	1280 x 720p at 50 Hz
800 x 600p @ 56 Hz	800 x 600p @ 56 Hz	720 x 576p at 50 Hz
800 x 600p @ 60 Hz	800 x 600p @ 60 Hz	720 x 576i at 50 Hz
800 x 600p @ 72 Hz	800 x 600p @ 72 Hz	640 x 480p at 60 Hz
800 x 600p @ 75 Hz	800 x 600p @ 75 Hz	1280 x 720p at 60 Hz
1024 x 768p @ 60 Hz	1024 x 768p @ 60 Hz	1920 x 1080i at 60 Hz
1024 x 768p @ 70 Hz	1024 x 768p @ 70 Hz	720 x 480i at 60 Hz
1024 x 768p @ 75 Hz	1024 x 768p @ 75 Hz	720 x 480p at 60 Hz
1280 x 1024p @ 60 Hz	1280 x 1024p @ 60 Hz	1920 x 1080p at 24 Hz
1366 x 768p @ 60 Hz	1366 x 768p @ 60 Hz	1920 x 1080p at 25 Hz
1600 x 900p @ 60 Hz	1600 x 900p @ 60 Hz	1920 x 1080p at 30 Hz
1440 x 900p @ 60 Hz	1440 x 900p @ 60 Hz	
1280 x 720p @ 60 Hz	1280 x 720p @ 60 Hz	
1152 x 864p @ 75 Hz	1152 x 864p @ 75 Hz	
1920 x 1080p @ 60 Hz	1920 x 1080p @ 60 Hz	

APPENDIX

6.3 Troubleshooting

| Problems	Possible Cause and Solution
No picture. • LED indicator is OFF.	• Check if the LCD monitor is turned ON. • Check if the power cord is properly connected to the LCD monitor. • Check if the power cord is plugged into the power outlet.
• LED indicator is green.	• Check if the computer is turned ON. • Check if the computer is in standby mode, move the mouse or press any button to wake up the computer.
Image position is incorrect.	• For VGA input, press 2 on the control panel to auto adjust the screen. • For VGA input, adjust the "H. POSITION" and "V. POSITION" settings in "VIDEO ( ) > AUTO ADJUST" menu (refer to page 28).
The displayed texts are blurry.	• For VGA input, press 2 on the control panel to auto adjust the screen. • For VGA input, adjust the "CLOCK" and "PHASE" settings in "VIDEO ( ) > AUTO ADJUST" menu (refer to page 28).
Red, blue, green, white dots appear on the screen.	• There are millions of micro transistors inside the LCD monitor. 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 (refer to page 29) or mute is on. • For VGA input, check the audio setting of the computer.
Dew formed on the LCD monitor.	• This normally happens when the LCD monitor is moved from a cold room to a hot room temperature. Do not turn ON the LCD monitor, wait for the dew condensation to disappear.
Faint shadows from a static image appear on the screen.	• Turn off the LCD monitor for extended periods of time. • Use a screen saver or a black and white image and run it for extended periods of time.

APPENDIX

6.4 Transporting the LCD Monitor

To transport the LCD monitor for repair or shipment, place the monitor in its original packaging box.
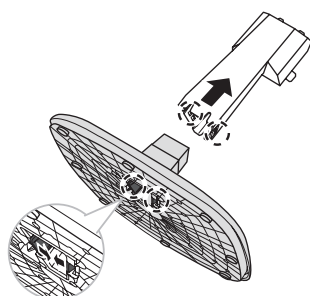
1. **Remove the base stand.**

   Press on the release latch and detach the base stand from the LCD monitor.

   Release latch
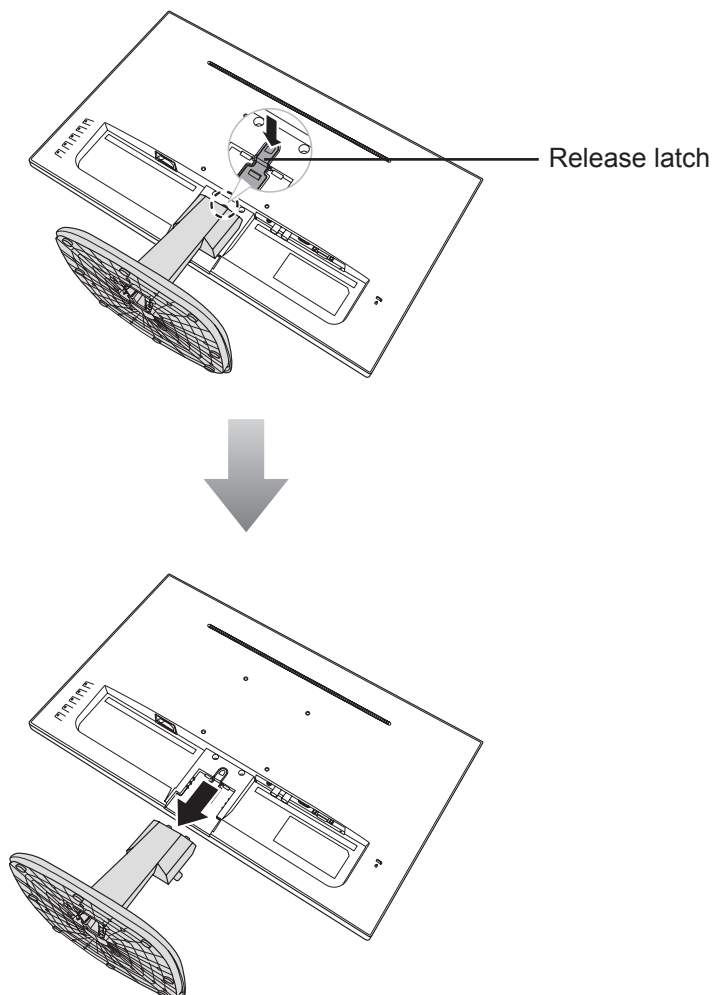
2. **Remove the base.**

   Pinch the latches on the base and detach the arm from the base.

APPENDIX

3. **Place the lower foam cushion inside the box.**

4. **Place the LCD monitor down in the box.**

5. **Place the upper foam cushion on the top of the LCD monitor.**

6. **Place the accessories on the designated area (if necessary).**

7. **Close and tape the box.**
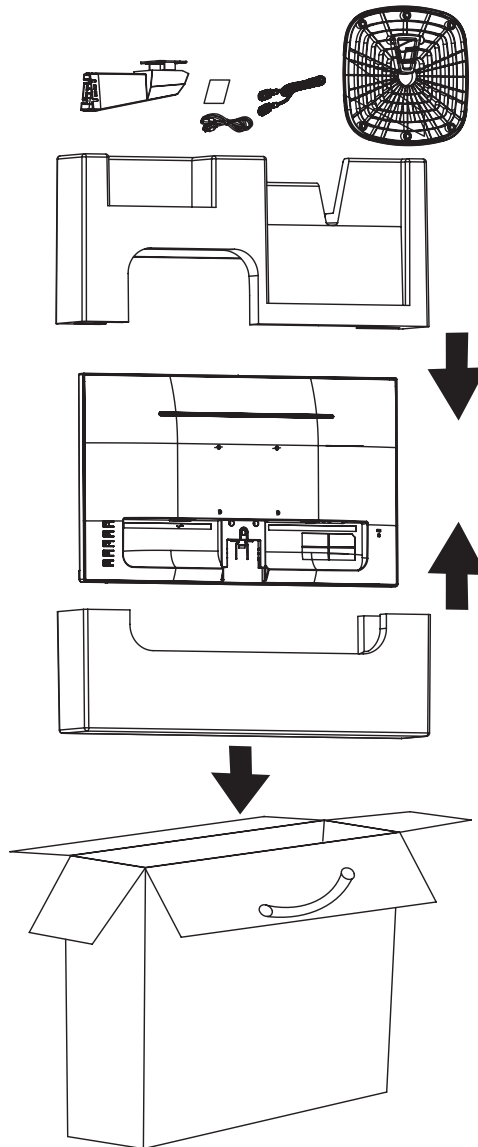
**Note:** *It is recommended to use the original packaging box.*

CHAPTER 7: SPECIFICATIONS

7.1 Display Specifications

		SC-2402
Panel	Panel Type	LED-Backlit TFT LCD
	Panel Size	23.8"
	Max. Resolution	FHD 1920 x 1080
	Pixel Pitch	0.275 mm
	Brightness	250 cd/m^2
	Contrast Ratio	20,000,000:1 (DCR)
	Viewing Angle (H/V)	178°/178°
	Display Colour	16.7M
	Response Time	5 ms
	Surface Treatment	Anti-Glare Treatment (Haze25%),3H Hard Coating
Frequency (H/V)	H Freq.	30 kHz-85 kHz
	V Freq.	48 Hz-75 Hz
Input	HDMI	1.4 x 1
	VGA	15-Pin D-Sub x 1
	Composite (CVBS)	BNC x 1
Output	Composite (CVBS)	BNC x 1
Audio	Audio In	Stereo Audio Jack (3.5 mm)
	Internal Speakers	2W x 2
Power	Power Supply	Internal
	Power Requirements	AC 100-240V, 50/60 Hz
	On Mode	15W (On)
	Standby Mode	< 0.5W
	Off Mode	< 0.2W
Operating Conditions	Temperature	5°C-35°C (41°F-95°F)
	Humidity	20%-85% (non-condensing)
Storage Conditions	Temperature	-20°C-60°C (-4°F-140°F)
	Humidity	10%-90% (non-condensing)
Mounting	VESA FPMPMI	Yes (100 x 100 mm)
Stand	Tilt	-5° to 20°
Security	Kensington Security Slot	Yes
Dimensions	Product with Base (W x H x D)	540.1 x 408.3x 226.5 mm (21.3" x 16.1" x 8.9")
	Product w/o Base (W x H x D)	540.1 x 322.1 x 41.8 mm (21.3" x 12.7" x 1.7")
	Packaging (W x H x D)	606.0 x 480.0 x 108.0 mm (23.9" x 18.9"x 4.3")
Weight	Product w/o Base	3.0 kg (6.6 lb)
	Product with Base	3.4 kg (7.5 lb)
	Packaging	4.8 kg (10.6 lb)

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

SPECIFICATIONS

7.2 Display Dimensions
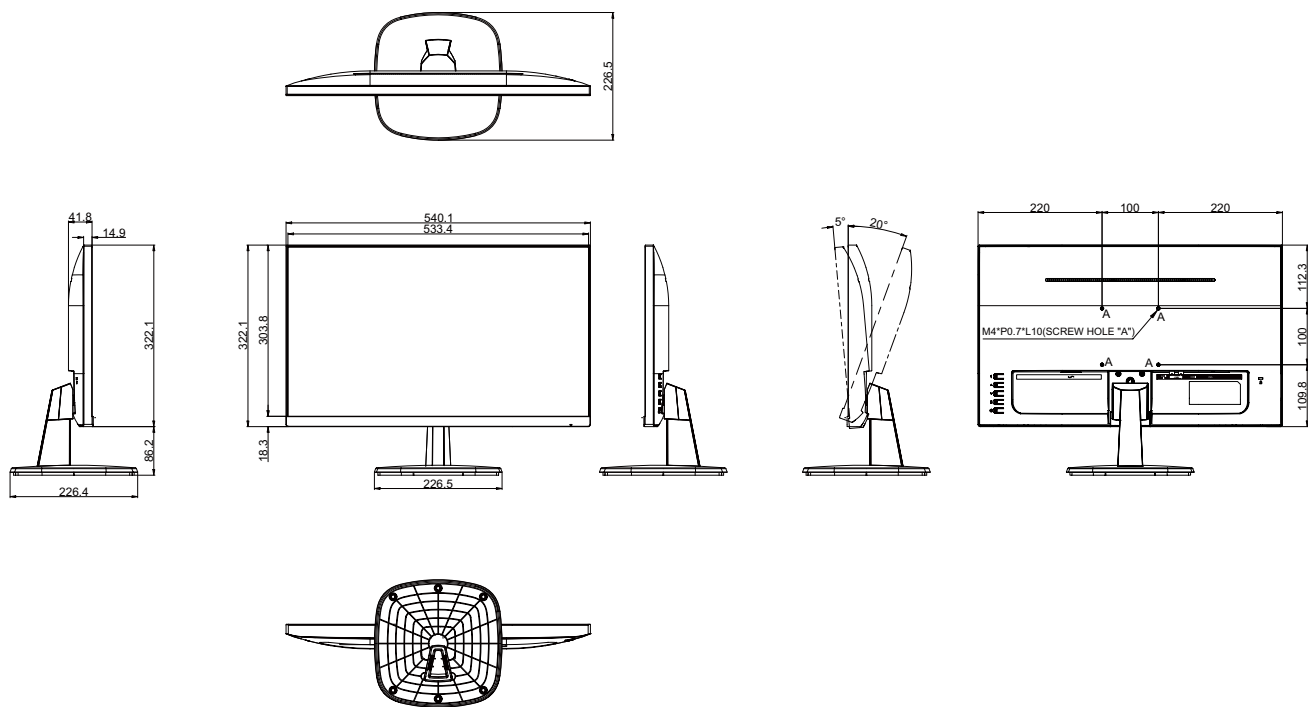
AG Neovo

Company Address: 5F-1, No. 3-1, Park Street, Nangang District, Taipei, 11503, Taiwan.

SC-2402 Eprel registration number: 706580

SC2420/SC242A_UM_V011