AG neovo

THE DISPLAY CHOICE
OF PROFESSIONALS™

VA4301, VA5501 & VA6501 LCD Display

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 A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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 display when connecting this display 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 A DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE CAUSING EQUIPMENT REGULATIONS.
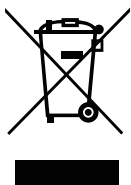
CE

WARNING: This equipment is compliant with Class A of EN55032/CISPR 32. In a residential environment this equipment may cause radio interference.

SAFETY INFORMATION

Waste Electrical and Electronie Equipment-WEEE

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment.   The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product

For Private Households in the European Union.To help conserve natural resources and ensure the product is recycled in a manner that protects human health and the environment, we would like to bring your attention to the following:

• The crossed-out dustbin on the device or outer packaging indicates the product is compliant with European WEEE (Waste Electrical and Electronic Equipment) Directive

• Always dispose of the old devices separately from household waste

• Batteries should be removed beforehand and disposed separately to the right collection system

• You are responsible with regard to the deletion of personal data on old devices before disposal

• Private households can hand in their old devices free of charge

• For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product

Turkey RoHS

Türkiye Cumhuriyeti: EEE Yönetmeliğine Uygundur.

Ukraine RoHS

Обладнання відповідає вимогам Технічного регламенту щодо обмеження використання деяких небезпечних речовин в електричному та електронному обладнанні, затвердженого постановою Кабінету Міністрів України від 3 грудня 2008 № 1057.

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 **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.

- To avoid the risk of shock or permanent damage to the set, do not expose the display to dust, rain, water or an excessively moist 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.

PRECAUTIONS

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.

- When turning off the display by detaching the power cord, wait 6 seconds before re-attaching the power cord for normal operation.

- Do not knock or drop the display during operation or transportation.

Cleaning and Maintenance

- To protect your display from possible damage, do not put excessive pressure on the LCD panel. When moving your display, grasp the frame to lift; do not lift the display by placing your hand or fingers on the LCD panel.

- Unplug the display if you need to clean it with a slightly damp cloth. The screen may be wiped with a dry cloth when the power is off. However, never use organic solvent, such as, alcohol, or ammonia-based liquids to clean your display.

- If your display becomes wet, wipe it with dry cloth as soon as possible.

- If a foreign substance or water gets in your display, turn the power off immediately and disconnect the power cord. Then remove the foreign substance or water, and send the unit to the maintenance center.

- In order to maintain the best performance of your display and ensure a longer lifetime, we strongly recommend using the display in a location that falls within the following temperature and humidity ranges.
    - Temperature: 0-40°C (32-104°F)
    - Humidity: 20-80% RH

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.

PRECAUTIONS

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.
    - 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.

    ♦ **ANTI-BURN-IN :** Before power off or going to power save, the display shows solid white and solid black with 40ms alternatively. It's not required to period to switching picture is 40ms strictly. 40ms is just target and it's no problem that the period is longer sometimes.

- 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.

- **IMPORTANT**: Always activate a moving screen saver program when you leave your display unattended. Always activate a periodic screen refresh application if the unit will display unchanging static content. Uninterrupted display of still or static images over an extended period may cause "burn in", also known as "after-imaging" or "ghost imaging", on your screen. This is a well-known phenomenon in LCD panel technology. In most cases, the "burned in" or "after-imaging" or "ghost imaging" will disappear gradually over a period of time after the power has been switched off.

- **WARNING**: Severe "burn-in" or "after-image" or "ghost image" symptoms will not disappear and cannot be repaired. This is also not covered under the terms of your warranty.

CHAPTER 1: PRODUCT DESCRIPTION

1.1 Unpacking

- This product is packed in a packaging box which contains standard accessories.

- Any other optional accessories will be packed separately.

- Considering the size and weight of the display, it is recommended that this product is carried out by two persons.

- After opening the packaging box, ensure that the included items are in good condition and complete.
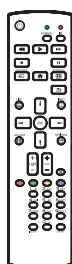
1.2 Package Contents

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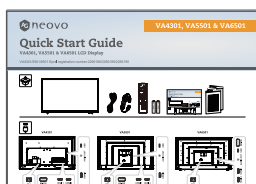
LCD Display	Remote control

Quick Start Guide	HDMI cable
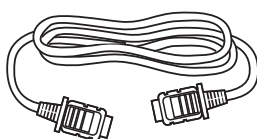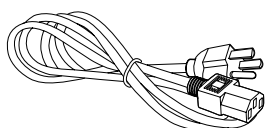
Power cord	Table Stands
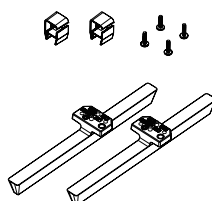
Note:

⚠ Attention!!
Batteries not included.

♦ No batteries for remote control are included.

♦ Remote control requires 2x AAA battery.

♦ For all other regions, apply a power cord that conforms to the AC voltage of the power socket and has been approved by and complies with the safety regulations of the particular country (Type H05VV-F, 3G, 0.75mm^2 should be used).

♦ You might like to save the package box and packing material for shipping the display.

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

PRODUCT DESCRIPTION

1.3 Preparing for the Installation

• Due to the high power consumption, always use the plug exclusively designed for this product. If an extended line is required, please consult your service agent.

• The product should be installed on a flat surface to avoid tipping. The distance between the back of the product and the wall should be maintained for proper ventilation. Avoid installing the product in the kitchen, bathroom or any other places with high humidity so as not to shorten the service life of the electronic components.

• The product can normally operate only under 3000m in altitude. In installations at altitudes above 3000m, some abnormalities may be experienced.

1.4 Wall Mounting Installation

To mount this display to a wall, you will have to obtain a standard wall-mounting kit (commercially available).

To wall-mount the LCD display, screw the mounting bracket to the VESA holes at the rear of the LCD display.

VA4301

VA5501

Warning:

♦ Do not press too hard on the LCD panel or edge of the frame, as this may cause the device to malfunction.
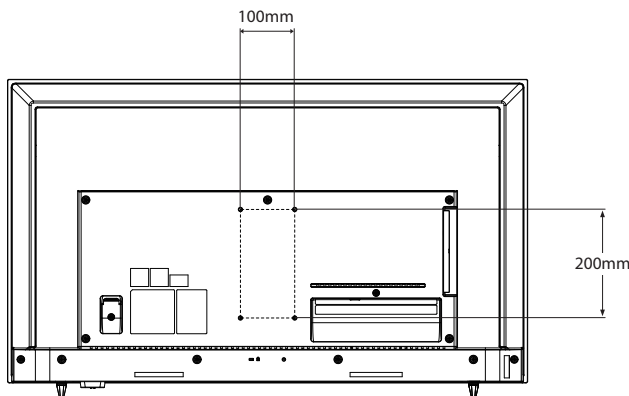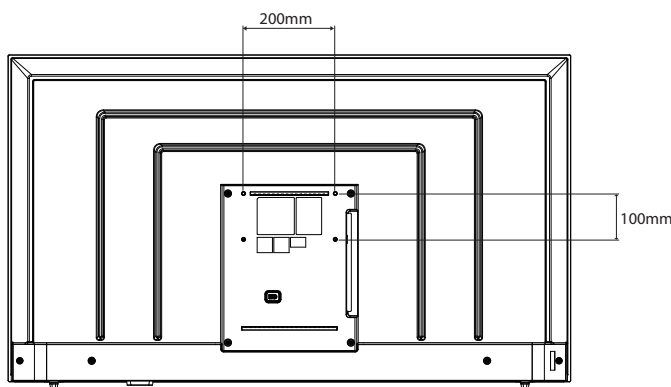
Note:

♦ Avoid the wall-mounting kit to block the ventilation holes on the back of the display.

♦ Secure the LCD display on a solid wall strong enough to bear its weight.

♦ Lay a protective sheet on a table, which was wrapped around the display when it was packaged, beneath the screen surface so as not to scratch the screen face.

♦ Ensure you have all accessories for mounting this display (wall mount, ceiling mount, etc).

♦ Follow the instructions that come with the base mounting kit. Failure to follow correct mounting procedures could result in damage to the equipment or injury to the user or installer. Product warranty does not cover damage caused by improper installation.

PRODUCT DESCRIPTION

VA6501
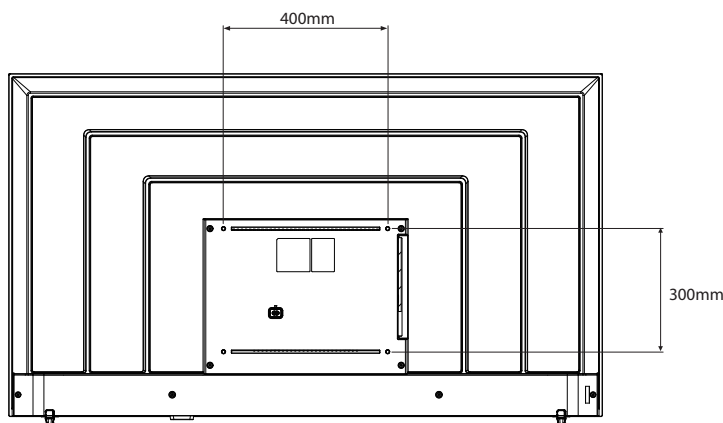
1.4.1   VESA Grid

Model Name	VESA Grid
VA4301	100(W) x 200(H)mm
VA5501	200(W) x 100(H)mm
VA6501	400(W) x 300(H)mm

⚡ Caution:

To prevent the display from falling:

♦ For wall or ceiling installation, we recommend installing the display with metal brackets which are commercially available. For detailed installation instructions, see the guide received with the respective bracket.

♦ To lessen the probability of injury and damage resulting from fall of the display in case of earthquake or other natural disaster, be sure to consult the bracket manufacturer for installation location.

1.4.2   Ventilation Requirements for Enclosure Locating

To allow heat to disperse, leave space between surrounding objects as shown in the diagram below.
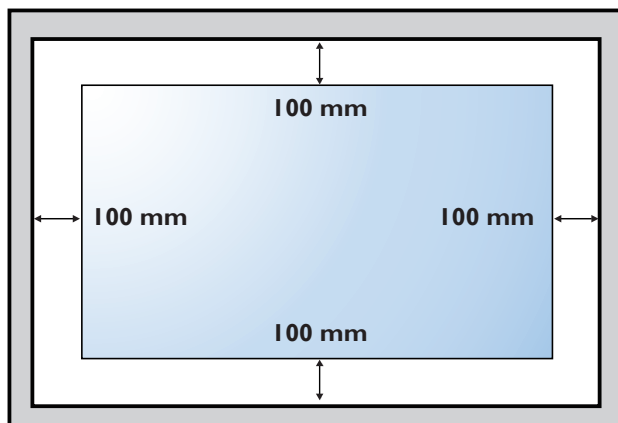
Note:

♦ For the wall-mounting kit, use M6 screws for VA4301(with a length at least 10 mm longer than the thickness of the wall mount bracket), M6 screws for VA5501 (with a length at least 9 mm longer than the thickness of the wall mount bracket) and M8 screws for VA6501 (with a length at least 12 mm longer than the thickness of the wall mount bracket).

PRODUCT DESCRIPTION

1.4.3 Installing the Stand

1. Install the cable management clip onto the table stand.

2. Attach the table stand to the bottom of the monitor.

3. Secure the table stand with two screws at the bottom.

4. Once the screws are tightened, you can place the monitor on a flat surface.

5. Align the power cable and HDMI cable, then insert them into the cable management clip.

6. The table stand installation is complete.
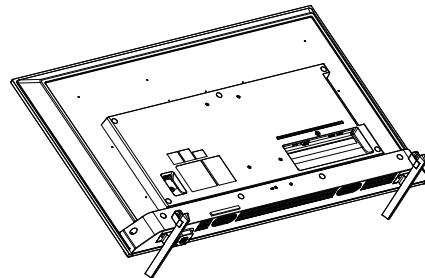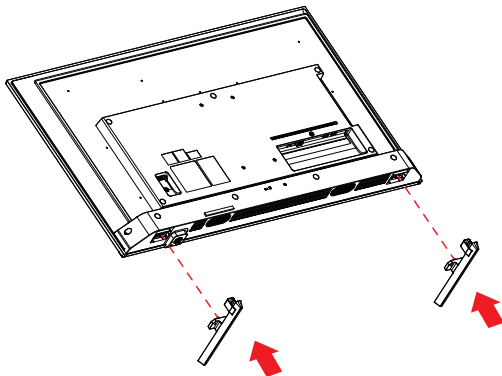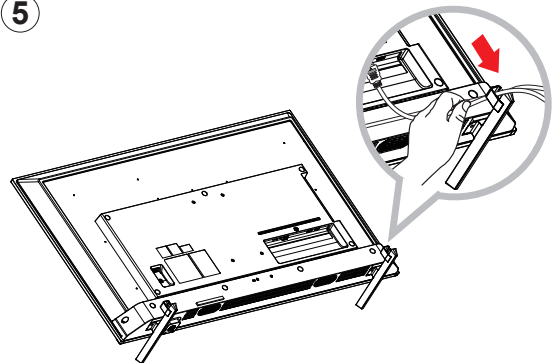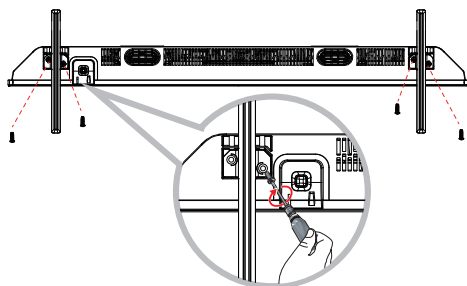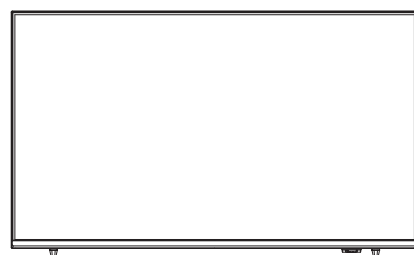
PRODUCT DESCRIPTION

1.5 LCD Display Overview

1.5.1   Input/Output Terminals

VA4301
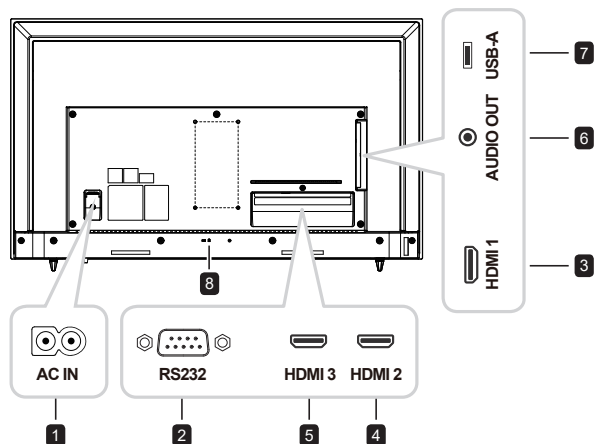
VA5501
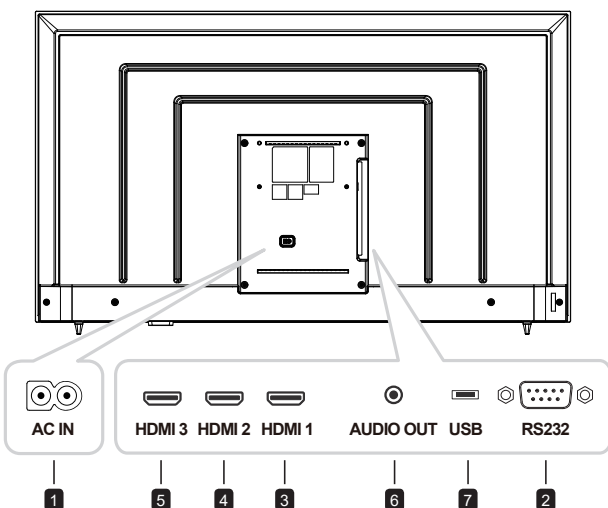
VA6501
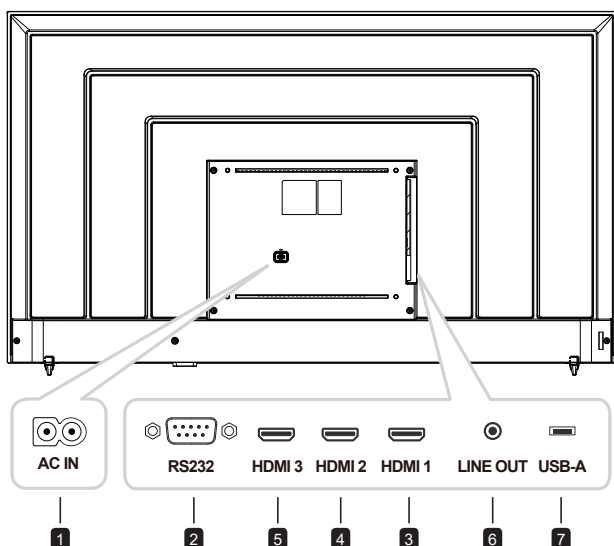
1 **AC IN**
AC power input.

2 **RS232**
Connect RS232 input from external equipment.

3 **HDMI 1**
Connect HDMI signals input.

4 **HDMI 2**
Connect HDMI signals input.

5 **HDMI 3**
Connect HDMI signals input.

6 **AUDIO OUT/LINE OUT**
Connect audio signals input (3.5 mm Stereo Audio Jack).

7 **USB/USB-A**
Connect USB 2.0 for service and media playback.

8 **SECURITY LOCK**
Used for security and theft prevention.

Power Status Indicator
- Lights Red when the LCD display is turned on.
- Lights Off when the LCD display is in standby(sleep) mode.
- Flashing Red when the LCD display is in schedule on (with power off).
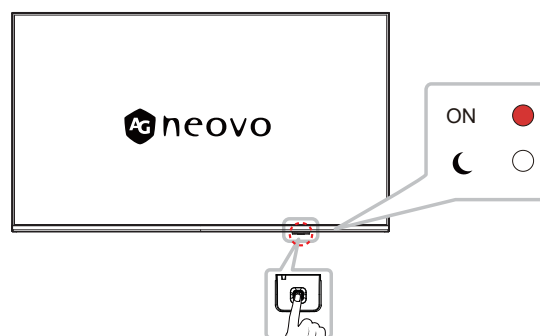
Power Button

PRODUCT DESCRIPTION

1.6 Remote Control

1.6.1　General Functions
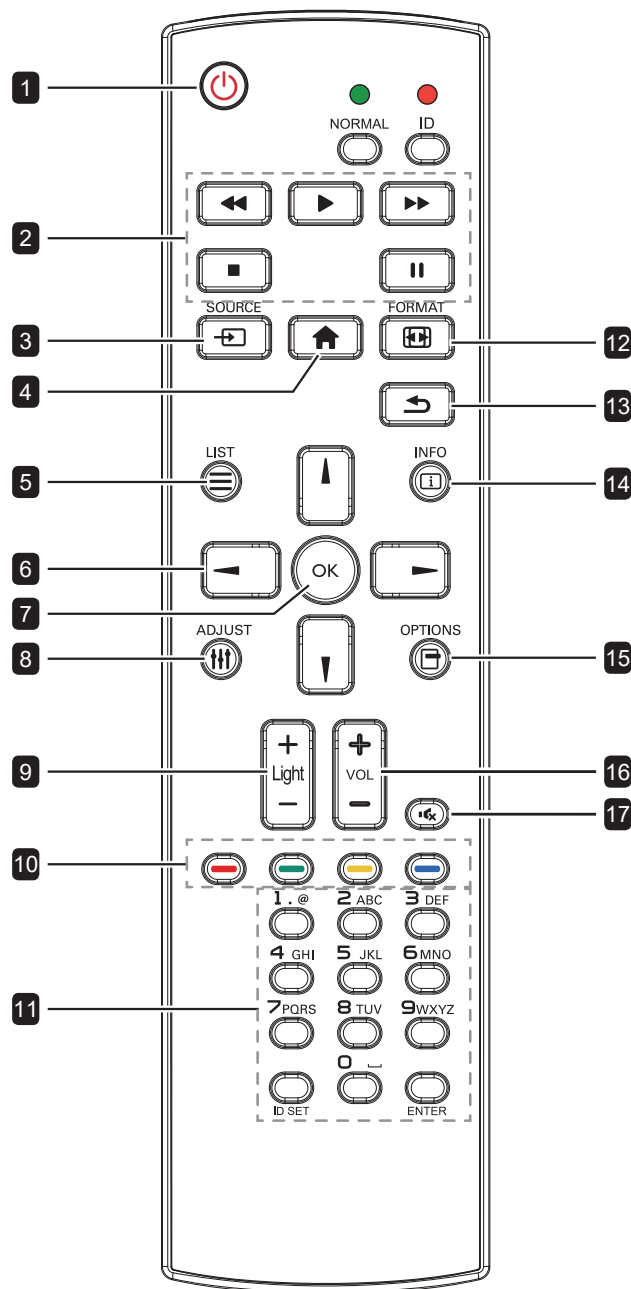
1 **[⏻] POWER**

Turn the display on or to put the display into standby mode.

2 **PLAY**

Control playback in multimedia mode.

3 **[⟳] SOURCE**

Select the input source.

4 **[⌂] HOME**

Access/Exit the OSD menu.

5 **[▤] LIST**

No function.

6 **[ⵏ] [ⵎ] [▬] [▬] NAVIGATION buttons**

Navigate through menus and select items.

7 **[OK] OK**

Confirm an entry or selection.

8 **[⑪] ADJUST**

No function.

9 **[▬] [╋] Light**

Adjust the Backlight.

10 **[▬] [▬] [▬] [▬] COLOR**

No function.

11 **[Number]**

No function.

[ID SET/ ENTER]

No function.

12 **[▦] FORMAT**

Change the aspect ratio.

13 **[⤺] BACK**

Return to the previous menu or exit from the previous function.

14 **[ⅈ] INFO**

View the information about the display.

15 **[▤] OPTIONS**

No function.

16 **[▬] [╋] VOLUME**

Adjust the volume level.

17 **[◁×] MUTE**

Turn the mute function on/off.

1.6.2 Inserting the Batteries in the Remote Control

The remote control is powered by two 1.5V AAA batteries.

To install or replace batteries:

1   Press and then slide the cover to open it.

2   Align the batteries according to the (+) and (-) indications inside the battery compartment.

3   Replace the cover.
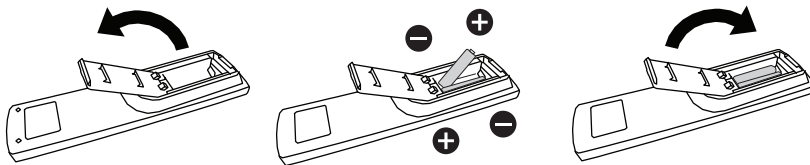
1.6.3 Handling the Remote Control

- Do not subject to strong shock.
- Do not allow water or other liquid to splash the remote control. If the remote control gets wet, wipe it dry immediately.
- Avoid exposure to heat and steam.
- Other than to install the batteries, do not open the remote control.

1.6.4 Operating Range of the Remote Control

Point the top of the remote control toward the display's remote control sensor (on the left or right side) when pressing a button.

When using the remote control, the distance from the remote control to the sensor on the display should be less than 8m/26ft, and the horizontal and vertical angles should be less than 30˚.
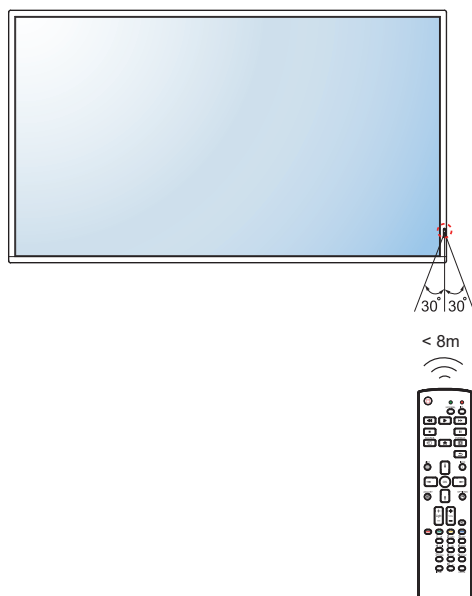
⚠ **Caution:**

The incorrect use of batteries can result in leaks or bursting. Be sure to follow these instructions:

- ♦ Place "AAA" batteries matching the (+) and (–) signs on each battery to the (+) and (–) signs of the battery compartment.
- ♦ Do not mix battery types.
- ♦ Do not combine new batteries with used ones. It causes shorter life or leakage of batteries.
- ♦ Remove the dead batteries immediately to prevent them from liquid leaking in the battery compartment. Don't touch exposed battery acid, as it can damage your skin.

Note:

- ♦ If you do not intend to use the remote control for a long period, remove the batteries.
- ♦ The remote control may not function properly when the remote control sensor on this display is under direct sunlight or strong illumination, or when there is an obstacle in the path of signal transmission.

CHAPTER 2: MAKING CONNECTIONS

VA4301
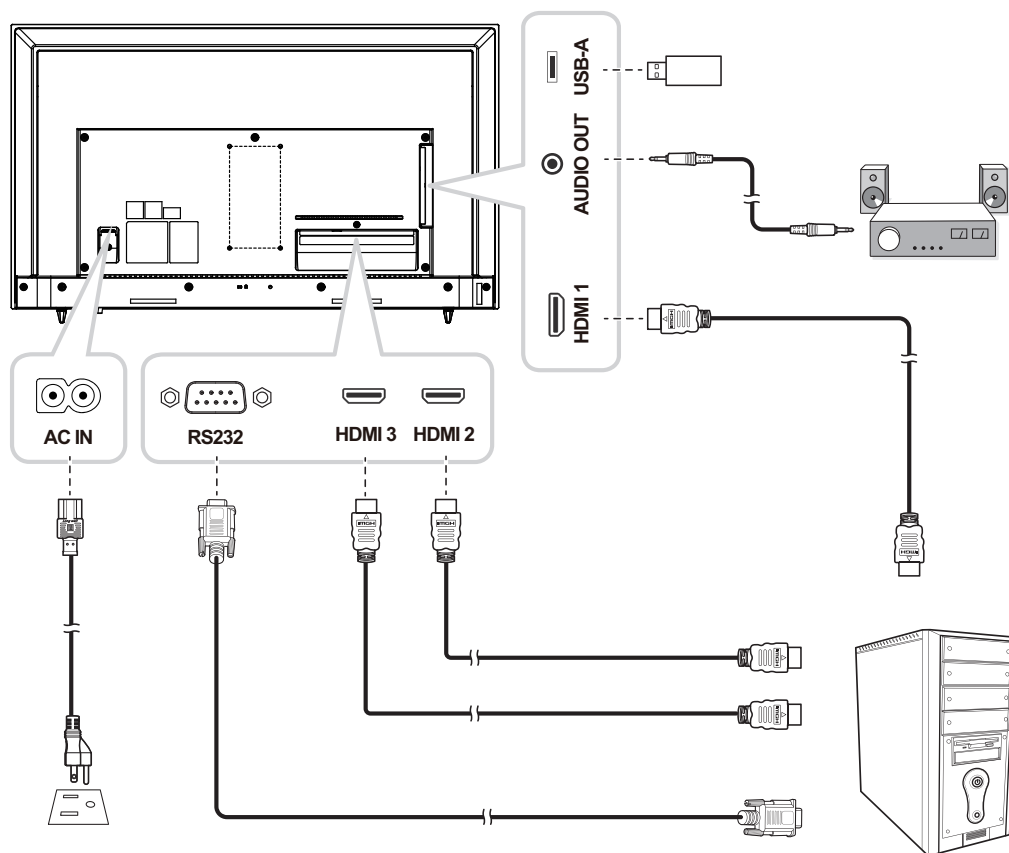
VA5501

MAKING CONNECTIONS

VA6501

AC IN	RS232	HDMI 3	HDMI 2	HDMI 1	LINE OUT	USB-A
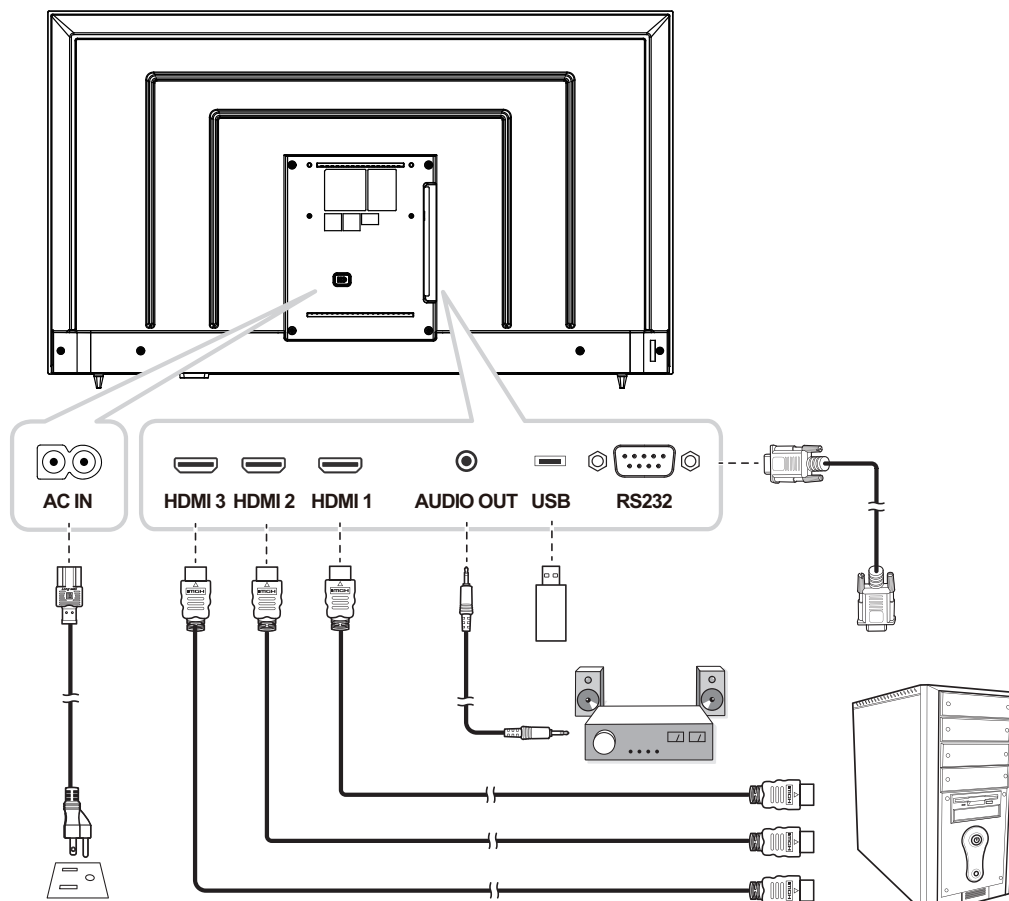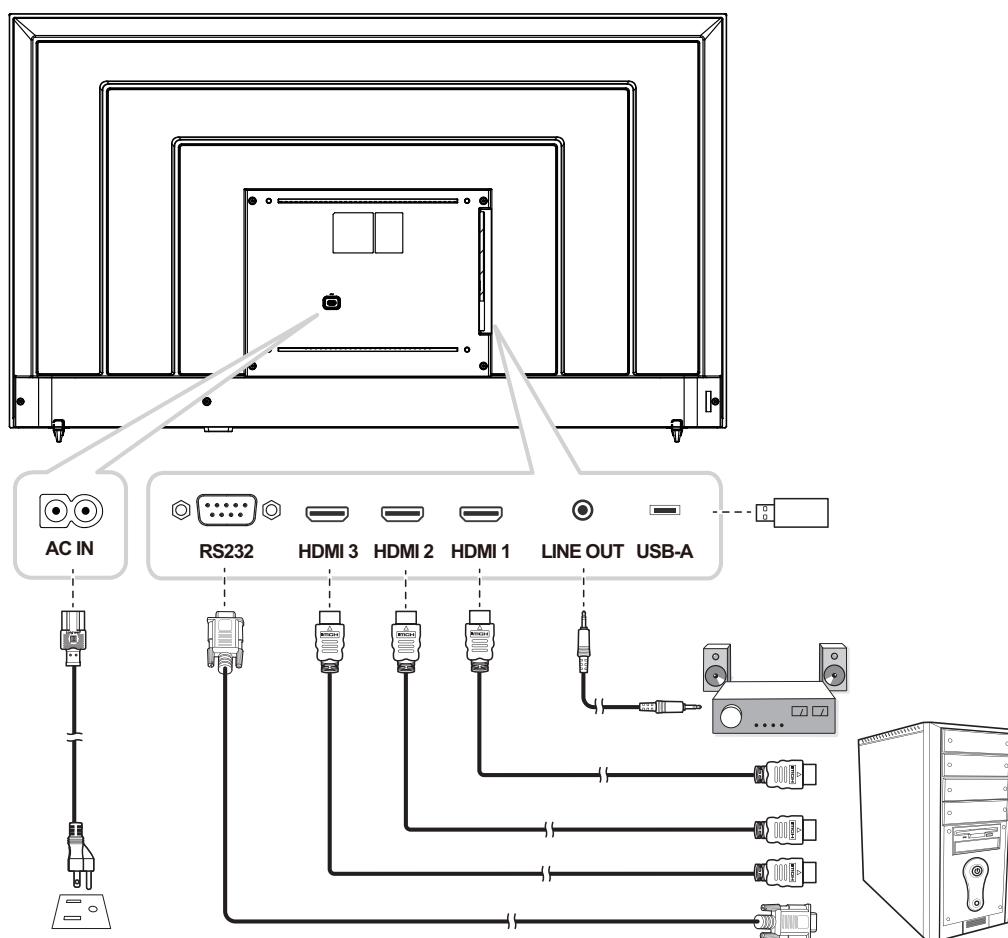
CHAPTER 3: ON SCREEN DISPLAY MENU

3.1 OSD Menu Tree

Main Menu	Submenu	Remarks
1. VIDEO	• PICTURE MODE • BACKLIGHT • CONTRAST • COLOUR TEMP • ASPECT RATIO • HDMI RGB INPUT RANGE	See page 16.
2. AUDIO	• TREBLE • BASS • BALANCE • SPEAKER	See page 17.
3. SETTINGS	• DATE,TIME SETTING • SCHEDULE • ALINK • HDMI MODES • STANDBY • AUTOPLAY • POWER LED • TIME OUT • LANGUAGE • SYSTEM UPDATE • MONITOR BUTTONS LOCK • REMOTE CONTROL LOCK • RESET • INFORMATION	See page 18.

CHAPTER 4: ADJUSTING THE LCD DISPLAY

4.1 VIDEO Settings

VIDEO

PICTURE MODE   STANDARD
BACKLIGHT   35
CONTRAST   50
COLOUR TEMP.
ASPECT RATIO   FULL
HDMI RGB INPUT RANGE   AUTO
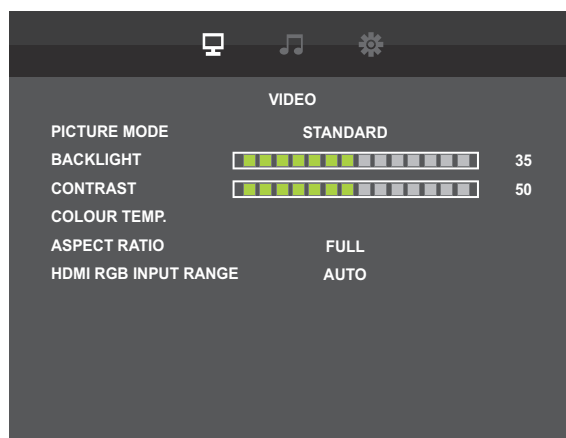
Item	Function	Range
PICTURE MODE	Change the color mode on the screen.	STANDARD VIVID SOFT VIDEO
BACKLIGHT	Adjust the luminance of the screen image.	0 to 50
CONTRAST	Adjust the difference between the black level and the white level. **Note:** This menu item is not available if the input source is D-SUB.	0 to 100
COLOUR TEMP.	6500K 7200K 9300K	0 to 100
	USER	RED	0 to 100
		GREEN	0 to 100
		BLUE	0 to 100
ASPECT RATIO	Adjusts the aspect ratio of the screen image.	FULL 1:1
HDMI RGB INPUT RANGE	Adjust the screen range and color performance.	AUTO FULL LIMITED

ADJUSTING THE LCD DISPLAY

4.2 Audio Settings
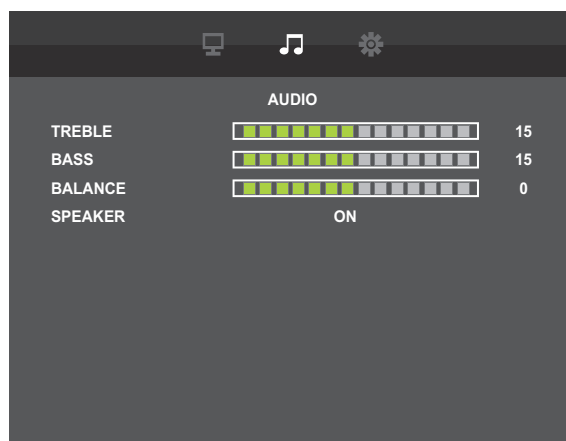
Item	Function	Range
TREBLE	Adjust to increase or decrease the higher-pitched sounds.	0 to 31
BASS	Adjust to increase or decrease the lower-pitched sounds.	0 to 31
BALANCE	Adjust to emphasize the left or right audio output balance.	-50 to 50
SPEAKER	Turn the speaker on/off.	OFF
		ON

ADJUSTING THE LCD DISPLAY

4.3 Setup Settings

```
               🖥     🎵     ⚙

                   SETTINGS
    DATE, TIME SETTING
    SCHEDULE
    ALINK                      OFF
    HDMI MODES
    STANDBY                    ON
    AUTOPLAY                   MOVIE
    POWER LED                  ON
    TIME OUT                   30
    LANGUAGE                   ENGLISH
    SYSTEM UPDATE

                    ▼
```
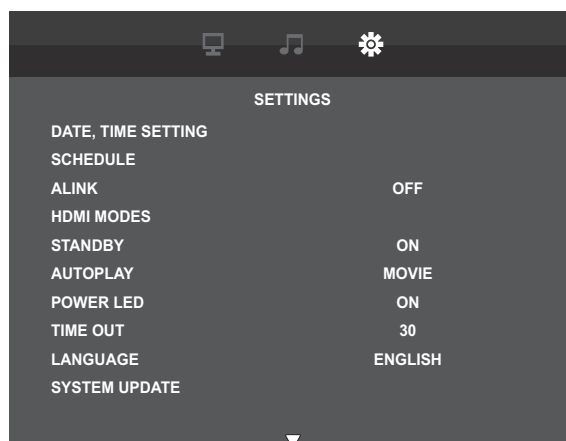
Item	Function	Range
DATE, TIME SETTING	🖥 🎵 ⚙ DATE, TIME SETTING YEAR ◁ 2025 ▷ MONTH 01 DAY 01 TIME 00 : 00 AM/PM TIME FORMAT 24-HOURS	
	YEAR: Set the year.	2022 to 2099
	MONTH: Set the month.	1 to 12
	DAY: Set the day.	1 to 28, 29, 30, 31
	TIME: Set the time.	<24-HOURS> 00:00 to 23:59 <12-HOURS> 00:00 AM to 11:59 PM
	AM/PM: Set the time format. **Note:** This option is not available if the TIME FORMAT is set to 24-HOUR TIME.	AM PM
	TIME FORMAT: Set the time display format.	12-HOUR 24-HOUR

Item	Function	Range
SCHEDULE	This function allows you to program up to 7 different scheduled time intervals for this display to activate. You can set: • Which input source the display will use for each scheduled activation period. • The time for the display to turn on and turn off. • The days in a week for the display to activate. **Note:** • We recommend you to set up current date and time in the DATE/TIME SETTING menu before using this function. • After changing the DATE/TIME SETTING option in the SETUP menu, you need to set this Schedule again. • In the OSD Schedule function, the Off Time must be later than the On Time for it to take effect. If the Off Time is earlier than the On Time, the Schedule function cannot be enabled.	

SCHEDULE1		
ON/OFF ◁ ON ▷		
ON TIME __ : __		
OFF TIME __ : __		
REPEAT MODES		
INPUT HDMI 1		

ON/OFF: Enable or disable the schedule.		ON OFF
ON TIME: Specify the time to turn on the display.		<24-HOURS> 00:00 to 23:59 <12-HOURS> 00:00 AM to 11:59 PM
OFF TIME: Specify the time to turn off the display.		<24-HOURS> 00:00 to 23:59 <12-HOURS> 00:00 AM to 11:59 PM
REPEAT MODES: Select the days of the week when the schedule is active.		ONLY ONCE EVERY SUN EVERY MON EVERY TUE EVERY WED EVERY THU EVERY FRI EVERY SAT

ADJUSTING THE LCD DISPLAY

Item	Function	Range
SCHEDULE *(continue)*	INPUT: Set the input source.	HDMI1
		HDMI2
		HDMI3
		USB
ALINK	Enable or disable HDMI Consumer Electronics Control control. • OFF: Disable the function. • AUTO: The system will automatically control the connected HDMI-CEC compatible device on the same power on or power off status.	OFF
		AUTO
HDMI MODES	Determine how the content displayed is processed and decoded for the HDMI input source (HDMI 1/HDMI 2/HDMI 3/SET/CANCEL).	
	HDMI 1	1.4
		2.0
	HDMI 2	1.4
		2.0
	HDMI 3	1.4
		2.0
	SET	
	CANCEL	
STANDBY	Set whether or not the display automatically enters standby mode when there is no signal detected.	OFF
		ON
AUTOPLAY	Disable the function or set the type of file to be automatically played from a USB flash drive.	OFF
		MOVIE
		PHOTO
POWER LED	Set the display LED indicator on or off.	OFF
		ON
TIME OUT	Adjust the display time for VIDEO/AUDIO/SETTINGS.	15
		30
		45
		60
LANGUAGE	Set the OSD language.	ENGLISH
		DEUTSCH
		FRANÇAIS
		ESPAÑOL
		繁體中文
		日本語
		POLSKI
SYSTEM UPDATE	Update the LCD display firmware for service.	APPLY
		CANCEL
MONITOR BUTTONS LOCK	Enable or disable the control panel buttons function of the LCD display. **Note:** • To unlock the function by using the remote control, press "OPTIONS", "UP", "DOWN", "LEFT", and "RIGHT" buttons.	UNLOCKED
		LOCK ALL

Item	Function	Range
REMOTE CONTROL LOCK	Enable or disable some or all remote control buttons. • UNLOCKED: Unlock all remote control buttons. • LOCK ALL: Lock all remote control buttons. • LOCK EXCEPT VOLUME: Lock all remote control buttons except for the **Volume** control buttons. • LOCK EXCEPT POWER: Lock all remote control buttons except for the Power button. **Note:** • To unlock the function by using the remote control, press "OPTIONS", "UP", "DOWN", "LEFT", and "RIGHT" buttons.	UNLOCKED LOCK ALL LOCK EXCEPT VOLUME LOCK EXCEPT POWER
RESET	Resets all settings to the factory preset values.	APPLY CANCEL
INFORMATION	INPUT MODE	HDMI1 HDMI2 HDMI3 USB
	ASPECT RATIO	FULL 1:1
	PICTURE MODE	STANDARD VIVID SOFT VIDEO
	BACKLIGHT	0 to 50
	VOLUME	0 to 31
	MODEL	VAXX01
	VERSION	Version No.
	S/N	SN No.
	SIGNAL	[H x V] [kHz] [Hz] NO SIGNAL
	DATE/TIME	YYYY/MM/DD Day of week AM / PM Time
	BACKLIGHT COUNT	Time

CHAPTER 5: MULTIMEDIA

5.1 Overview

- Play photo files, audio files and movie files equipped in USB flash.
- With ManualPlay, it implements BGM function that select audio file playing photo files.

5.2 Supported Format

- The following file type are supported.

Media Type	Supported Extensions
Photo	jpg, jpeg
Audio	mp3
Movie	mp4, ts (mpg *1)

*1: Other than MP4 and TS are not described in user manual, so they are officially unsupported.

- Available specs to play with each media type are as follows.

USB Multimedia Codec Formats

Type	Format	Video Codec	Audio Codec
Movie	.mp4	H.264, H.265	MPEG-1 Layer2, MPEG-1 Layer3, MPEG-2 Layer3, AC3, LPCM, ADPCM, AAC, DD+,HE-AAC
	.ts	MPEG2, H.264, H.265	
	.mpg	MPEG-1, MPEG-2	
Audio	.mp3		MPEG-1 Layer2, MPEG-1 Layer3, MPEG-2 Layer3
Photo	.jpg/.jpeg		

*2: Other than MP4 and TS are not described in user manual, so they are officially unsupported.

Note:

When the monitor is reading data from a USB device, please observe the following:

♦ The above file formats may not play properly. Some resolution or other factors may make the file unplayable.

♦ Some USB storage devices may not be compatible.

♦ It might not be possible to play some files due to their data type or file size.

♦ The manufacturer is not responsible if the USB device is not supported, nor is it repsonsible for damage to or loss of data in the device.

MULTIMEDIA

5.3 Supported USB Flash

File system	FAT16/32, NTFS
Max capacity	32GB(FAT32), 2TB(NTFS)
Mac file size	4GB(FAT32)
USB Encrypted flash drive	Not Supported

※ Not support memory device with multi partition.

5.4 Play Mode

There are Manual play mode and Auto play mode as a way to play files.

Mode	How to Start	Supported File			Content
		Photo	Audio	Movie	
Manual Play	Select files or a folder and play them.	○	○	○	• Play selected files or all of supported files in current folder. • Play selected audio file as background music while playing photo.

5.5 Order to Play Files

The order to play selected files by manual play

Play selected files in selected order.

If a file is unselected, the next file is advanced in order.

The order to play selected folder by manual play

FAT32 : Play files in current files in the order of FAT allocation table.

NTFS: Play files in current files in the order of file name as 0-9 and a-z..

If there are files of same name with different extensions, follow below priority.

Media type	Priority
	High <--> Low
Movie	mp4, ts, mpg

5.6 Detail of Each Screen

Select Media type screen

• Select media type to play.

Item	Function
PHOTO	Enter photo file browser
MUSIC	Enter audio file browser
MOVIE	Enter movie file browser

• Function Icons are different with media type.

Function	Option	Photo	Audio	Movie	Note
Play	-	○	○	○	
Pause	-	○	○	○	
FB	FB2X, FB4X, FB8X, FB16X	X	○	○	
FF	FF2X, FF4X, FF8X, FF16X	X	○	○	
Prev.	-	○	○	○	
Next	-	○	○	○	
Stop	-	○	○	○	
Repeat	None, 1File, All	○	○	○	Invalid and fixed to "All" with Auto Play.
Repeat during A-B	-	X	○	○	Invalid with Auto Play.
Random Repeat	On, Off	○	○	○	Invalid with Auto Play.
Music On/Off	On, Off	○	X	X	To play music, please place the audio files within the photo folder.
Slideshow time	Short 5sec, Medium 10sec, Long 15sec	○	X	X	
Playlist	-	○	○	○	
Info.	-	○	○	○	
Rotate 90 degrees Clockwise	-	○	X	X	
Rotate 90 degrees Anti-Clockwise	-	○	X	X	
Zoom In	Fill, X1, X2, X4	○	X	X	
Zoom Out	Fill, X1, X2, X4	○	X	X	
Move View	-	○	X	X	

MULTIMEDIA

5.7 AutoPlay

- There are 3 type AutoPlay by turning on the monitor, inserting a media and schedule.

  1. AutoPlay by turning on the monitor

     Start to play automatically with matching the condition of AutoPlay as turning on the monitor

     ※ However, execute schedule setting prior to this AutoPlay when turning on by schedule.

     If SCHEDULE-INPUT is "AUTO PLAY1" or "AUTO PLAY2" and turning on by schedule, execute schedule setting same as above explain.

  2. AutoPlay by inserting a media

     Start to play automatically with matching the condition of AutoPlay as inserting a media.

  3. AutoPlay by schedule

     Start to play automatically with matching the condition of AutoPlay as executing a schedule.

- Limitation and condition of AutoPlay

Condition	By turning on the monitor	By inserting a media	By schedule
Location of target files	/root/autoplay	/root/autoplay	/root/autoplay, /root/autoplay1, /root/autoplay2
Playlist	Not need to make the file.	Not need to make the file.	Not need to make the file.
Supported file	jpg or mp4	jpg or mp4	jpg or mp4
A number of target files	Max 30 files	Max 30 files	Max 30 files
Combination with Photo and Movie	Impossible	Impossible	Impossible
Rule of target file name	ex.) "001.jpg", "002.jpg", 003.jpg"... "030.jpg"	ex.) "001.jpg", "002.jpg", 003.jpg"... "030.jpg"	ex.) "001.jpg", "002.jpg", 003.jpg"... "030.jpg"
Setting of AutoPlay	OFF/PHOTO/MOVIE	OFF/PHOTO/MOVIE	OFF/PHOTO/MOVIE

5.8 Setting of Schedule Enabling AutoPlay

With below condition, Auto Play by schedule is started.

1) Set the input mode of the schedule to "USB" or "AUTO PLAY1" or "AUTO PLAY2".

2) The power on time of the schedule comes.

3) A USB flash is inserted.

4) Target files to play exists in the specified folder of the USB flash.

   Refer to following folder by setting SCHEDULE-INPUT.

SCHEDULE->INPUT	USB	AUTO PLAY1	AUTO PLAY2
Referenced folder	USB root/autoplay	USB root/autoplay1	USB root/autoplay2

   If the AUTO PLAY setting is "PHOTO", the photo contents are played.
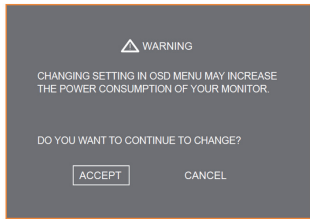
   If the AUTO PLAY setting is "MOVIE", the movie contents are played.

※ Do not play automatically if turn on the monitor by the schedule that doesn't match the condition.

   When AUTO PLAY in OSD is "OFF" and SCHEDULE-INPUT is "USB" or "AUTO PLAY1" or "AUTO PLAY2", change input mode to USB(Media player mode) but NO contents are played.

CHAPTER 6: APPENDIX

6.1 Warning Messages

Warning Messages	Cause	Solution
INPUT SIGNAL OUT OF RANGE	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 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.
MONITOR BUTTONS LOCK	The operation using the control panel buttons has been locked by the user.	• Disable the keyboard lock function in **SETTINGS** > **MONITOR BUTTONS LOCK** menu. See page 20.
REMOTE CONTROL LOCK	The operation using the remote control buttons has been locked by the user.	• Disable the remote control lock function in **SETTINGS** > **REMOTE CONTROL LOCK** menu. See page 21.
⚠ WARNING CHANGING SETTING IN OSD MENU MAY INCREASE THE POWER CONSUMPTION OF YOUR MONITOR. DO YOU WANT TO CONTINUE TO CHANGE? ACCEPT CANCEL	This warning message box willonly show when the menu feature setting is changed for the first time.	• Press the ACCEPT button to continue the setting changes, or press the CANCEL button to disable the setting changes. **Note:** The operation may vary from different product models.

APPENDIX

6.2 Input Mode

Signal

Resolution		Vertical
		Frequency (Hz)
HDMI_Vedio	1920 × 1080 P	60
	1280 × 720 P	60
	720 x 480 P	60
	720 x 480 P	60
	640 x 480 P	60
	3840 x 2160 P	30
	3840 x 2160 P	60 (HDMI 2.0)
HDMI_PC	1920 × 1080	60
	1600 × 900	60
	1280 ×720	60
	1280 ×1024	60
	1024 x 768	60
	800 x 600	60
	3840 x 2160	30
	3840 x 2160	60 (HDMI 2.0)

General guidelines:

- The PC text quality is optimum in HD 1080 mode (1920 x 1080, 60Hz).
- Your PC display screen might appear different depending on the manufacturer (and your particular version of Windows).
- Check your PC instruction book for information about connecting your PC to a display.
- If a vertical and horizontal frequency-select mode exists, select 60Hz (vertical) and 31.5KHz (horizontal). In some cases, abnormal signals (such as stripes) might appear on the screen when the PC power is turned off (or if the PC is disconnected). If so, press the **SOURCE** button to enter the video mode. Also, make sure that the PC is connected.
- When horizontal synchronous signals seem irregular in RGB mode, check PC standby mode or cable connections.
- The display settings table complies to the IBM/VESA standards, and based on the analog input.
- The best timing for the vertical frequency to each mode is 60Hz.

APPENDIX

6.3 Cleaning

Caution When Using the Display

• Do not bring your hands, face or objects close to the ventilation holes of the display. The top of the display is usually very hot due to the high temperature of exhaust air being released through the ventilation holes. Burns or personal injuries may occur if any body parts are brought too close. Placing any object near the top of the display could also result in heat related damage to the object as well as the display itself.

• Be sure to disconnect all cables before moving the display. Moving the display with its cables attached may damage the cables and thus cause fire or electric shock.

• Disconnect the power plug from the wall outlet as a safety precaution before carrying out any type of cleaning or maintenance procedure.

Front Panel Cleaning Instructions

• The front of the display has been specially treated. Wipe the surface gently using only a cleaning cloth or a soft, lint-free cloth.

• If the surface becomes dirty, soak a soft, lint-free cloth in a mild detergent solution. Wring the cloth to remove excess liquid. Wipe the surface of the display to remove dirt. Then use a dry cloth of the same type to dry.

• Do not scratch or hit the surface of the panel with fingers or hard objects of any kind.

• Do not use volatile substances such as insert sprays, solvents and thinners.

Cabinet Cleaning Instructions

• If the cabinet becomes dirty, wipe the cabinet with a soft, dry cloth.

• If the cabinet is extremely dirty, soak a lint-free cloth in a mild detergent solution. Wring the cloth to remove as much moisture as possible. Wipe the cabinet. Use another dry cloth to wipe over until the surface is dry.

• Do not allow any water or detergent to come into contact with the surface of the display. If water or moisture gets inside the unit, operating problems, electrical and shock hazards may result.

• Do not scratch or hit the cabinet with fingers or hard objects of any kind.

• Do not use volatile substances such as insert sprays, solvents and thinners on the cabinet.

• Do not place anything made from rubber or PVC near the cabinet for any extended periods of time.

APPENDIX

6.4 Troubleshooting

| Symptom	Possible Cause	Remedy
No picture is displayed	• The power cord has been disconnected. • The main power switch on the back of the display is not switched on. • The selected input has no connection. • The display is in standby mode.	**1** Plug in the power cord. **2** Make sure the power switch is switched on. **3** Connect a signal connection to the display.
Interference displayed on the display or audible noise is heard	Caused by surrounding electrical appliances or fluorescent lights.	Move the display to another location to see is the interference is reduced.
Colour is abnormal	The signal cable is not connected properly.	Make sure that the signal cable is attached firmly to the back of the display.
Picture is distorted with abnormal patterns	• The signal cable is not connected properly. • The input signal is beyond the capabilities of the display.	• Make sure that the signal cable is attached firmly. • Check the video signal source to see if it is beyond the range of the display. Please verify its specifications with this display's specification section.
Display image doesn't fill up the full size of the screen	The picture size is not set correctly.	Press the ▣ **FORMAT** button and select a suitable picture size.
Can hear sound, but no picture	Improperly connected source signal cable.	Make sure that both video inputs and sound inputs are correctly connected.
Can see picture but no sound is heard	• Improperly connected source signal cable. • Volume is turned all the way down. • **MUTE** function is turned on. • No external speaker connected.	• Make sure that both video and sound inputs are correctly connected. • Press the ✚ or ━ button to hear the sound. • Switch the **MUTE** function off by using the ◀✕ button. • Connect the external speakers and adjust the volume to a suitable level.
Some picture elements do not light up	Some pixels of the display may not turn on.	This display is manufactured using an extremely high level of precision technology: however, sometimes some pixels of the display may not display. This is not a malfunction.
After-Images can still be seen on the display after the display is powered off. (Examples of still pictures include logos, video games, computer images, and images displayed in 4:3 normal mode)	A still picture is displayed for an over extended period of time.	Ensure that the ANTI-BURN-IN function has been enabled to prevent burn-in. Please refer to page 5.

CHAPTER 7: SPECIFICATIONS

7.1 Display Specifications

		VA4301	VA5501	VA6501
Panel	Panel Type	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)	LED-Backlit TFT LCD (IPS Technology)
	Panel Size	42.5"	54.6"	64.5"
	Max. Resolution	UHD 3840 x 2160	UHD 3840 x 2160	UHD 3840 x 2160
	Pixel Pitch	0.245 mm	0.315 mm	0.372 mm
	Brightness	350 cd/m^2	350 cd/m^2	350 cd/m^2
	Contrast Ratio	1200:1	1200:1	1200:1
	Viewing Angle (H/V)	178°/178°	178°/178°	178°/178°
	Display Colour	1.07G	1.07G	1.07G
	Response Time	5 ms	5 ms	5 ms
	Surface Treatment	Anti-Glare Treatment (Haze 1%), 3H Hard Coating	Anti-Glare Treatment (Haze 1%), 3H	Anti-Glare Treatment (Haze 25%), 2H Hard Coating
Frequency (H/V)	H Freq.	31 kHz-136 kHz	31 kHz-136 kHz	31 kHz-136 kHz
	V Freq.	29 Hz-61Hz	29 Hz-61Hz	29 Hz-61Hz
Signal Input	HDMI	2.0 x 3	2.0 x 3	2.0 x 3
External Control	RS232 In	9-Pin D-Sub	9-Pin D-Sub	9-Pin D-Sub
Other connectivity	USB	2.0 x 1 (Service Port / Media Playback)	2.0 x 1 (Service Port / Media Playback)	2.0 x 1 (Service Port / Media Playback)
Audio	Audio Out	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)	Stereo Audio Jack (3.5 mm)
	Internal speakers	5W x 2	5W x 2	5W x 2
Power	Power Supply	Internal	Internal	Internal
	Power Requirements	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz
	On Mode	54W (On)	78W (On)	TBD (On)
	Standby Mode	< 0.5W	< 0.5W	< 0.5W
Operating Conditions	Temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
	Humidity	20%-80% (non-condensing)	20%-80% (non-condensing)	20%-80% (non-condensing)
Storage Conditions	Temperature	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)	-20°C-60°C (-4°F-140°F)
	Humidity	10%-90% (non-condensing)	10%-90% (non-condensing)	10%-90% (non-condensing)
Mounting	VESA FPMPMI	Yes (100 x 200 mm)	Yes (200 x 100 mm)	Yes (400 x 300 mm)
Security	Kensington Security Slot	Yes	No	No
Dimensions	Bezel Width	1.5 mm (Top/Left/Right) 19.5 mm (Bottom)	1.5 mm (Top/Left/Right) 21.1 mm (Bottom)	1.9 mm (Top/Left/Right) 20.9 mm (Bottom)
	w/o base (W x H x D)	958.4 x 568.5 x 76.7 mm (37.7" x 22.4" x 3.0")	1226.8 x 720.3 x 85.3 mm (48.3" x 28.4" x 3.4")	1446.7 x 842.9 x 91.6 mm (57.0" x 33.2" x 3.6")
	with base (W x H x D)	958.4 x 586.7 x 255.8 mm (37.7" x 23.1" x 10.1")	1226.8 x 739.5 x 293.2 mm (48.3" x 29.1" x 11.5")	1446.7 x 863.9 x 293.2 mm (57.0" x 34.0" x 11.5")
	Packaging (W x H x D)	1070.0 x 650.0 x140.0 mm (42.1" x 25.6" x 5.5")	1360.0 x 840.0 x 160.0 mm (53.5" x 33.1" x 6.3")	1600.0 x 1005.0 x 170.0 mm (63.0" x 39.6" x 6.7")
Weight	w/o base	7.2 kg (15.9 lb)	10.5 kg (23.1 lbs)	16.7 kg (36.8 lbs)
	with base	7.3 kg (16.1 lb)	10.7 kg (23.6 lbs)	16.9 kg (37.3 lbs)
	Packaging	9.9 kg (21.8 lb)	13.9 kg (30.6 lbs)	24.0 kg (52.9 lbs)

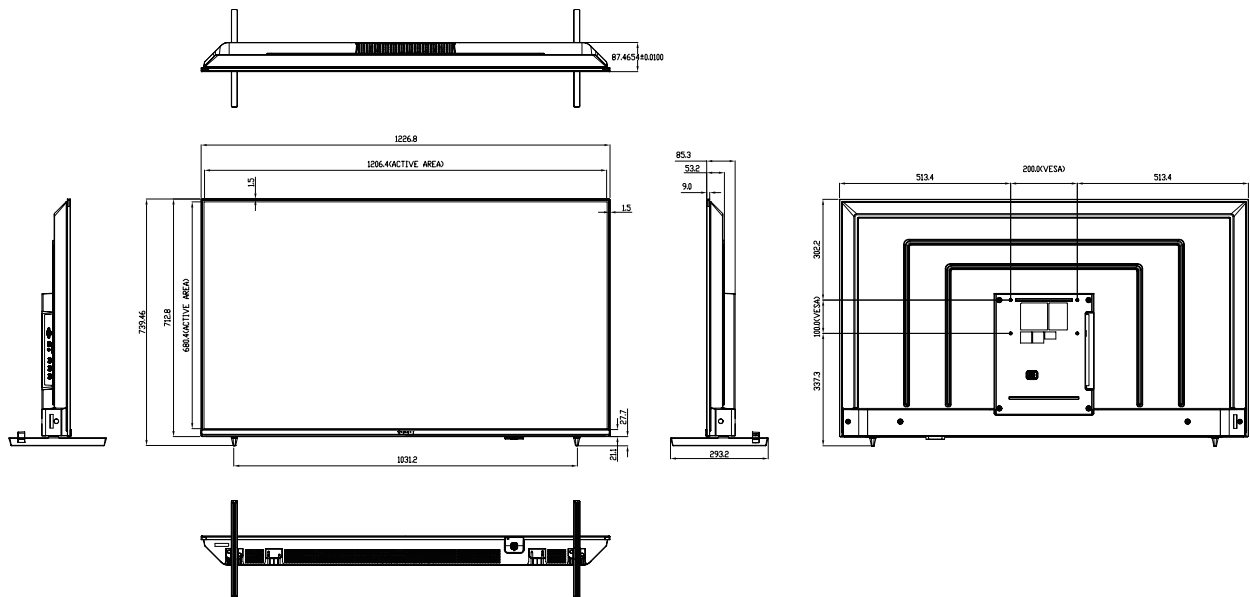# SPECIFICATIONS

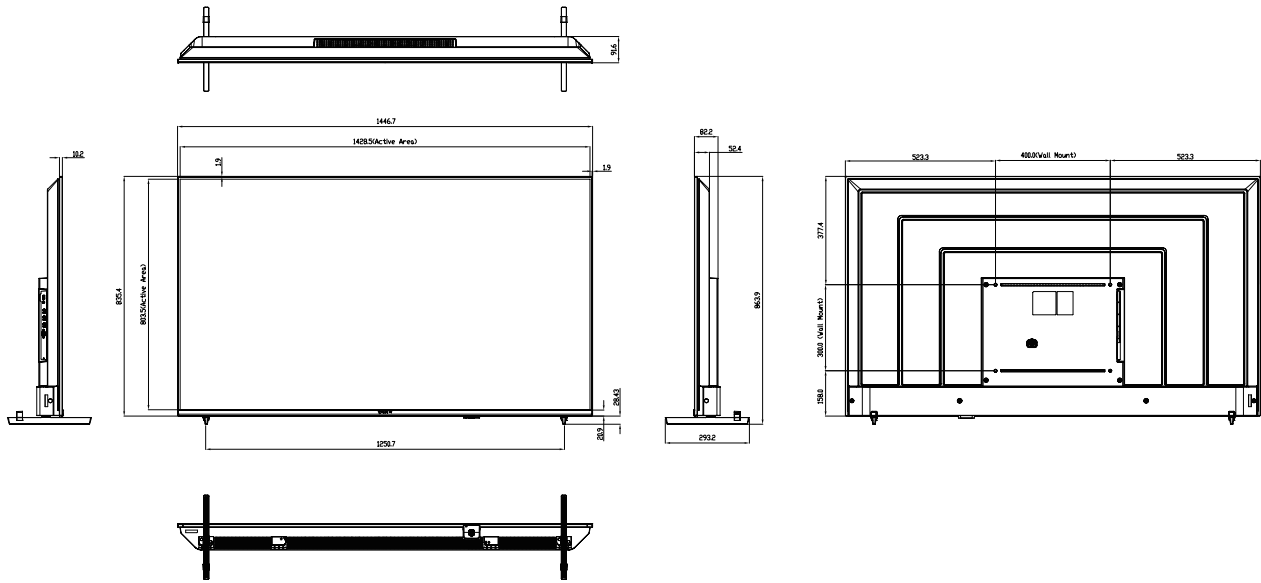## 7.2 Display Dimensions

VA4301
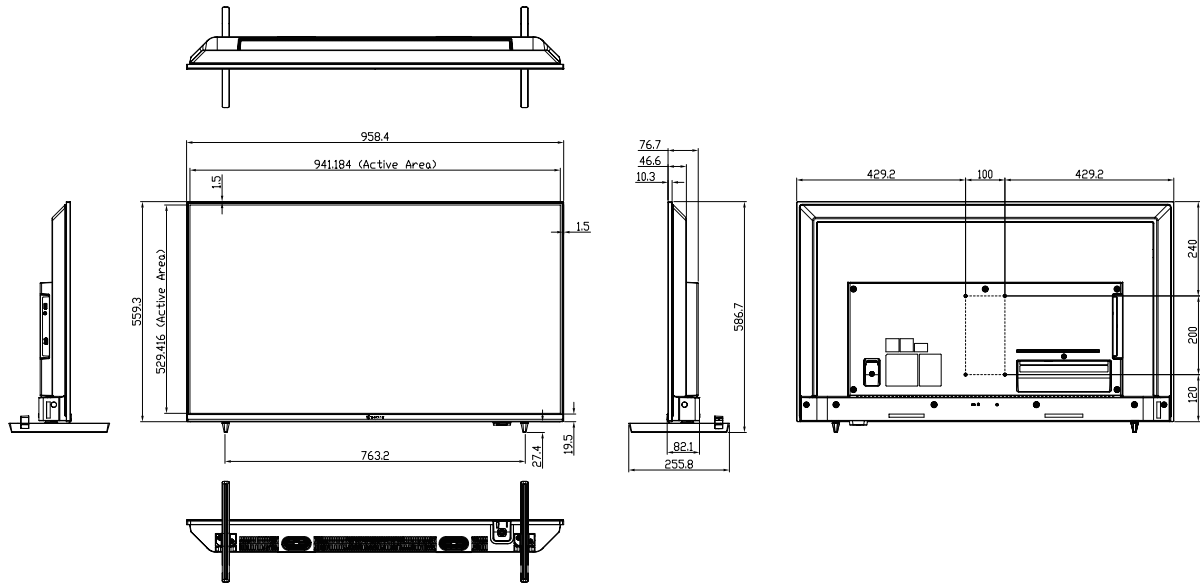
VA5501

SPECIFICATIONS

VA6501

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VA4310/VA5510/VA6510_UM_V011