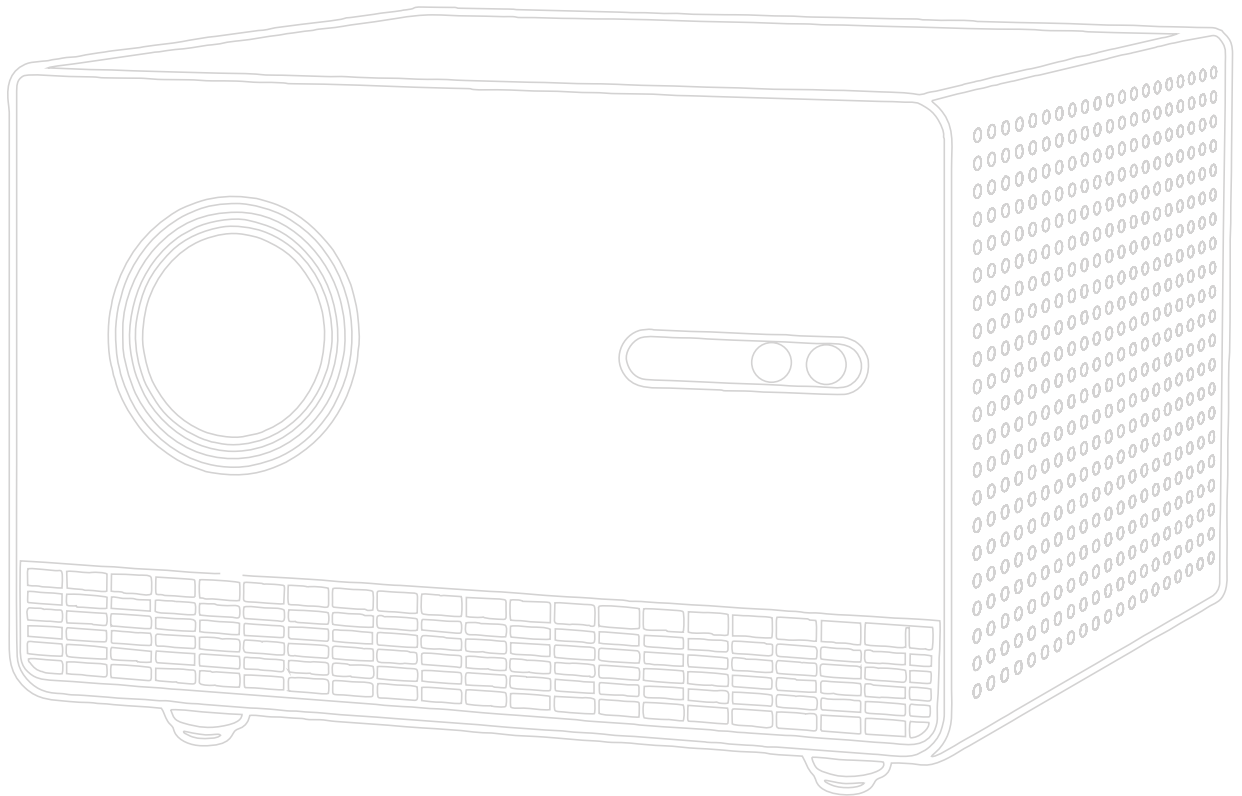


LX60HD

Smarte LED Projector User Guide



IMPORTANT: Please read this User Guide to obtain important information on installing and using your product in a safe manner, as well as registering your product for future service. Warranty information contained in this User Guide will describe your limited coverage from ViewSonic® Corporation, which is also found on our web site at <http://www.viewsonic.com> in English, or in specific languages using the Regional selection box on our website.

Model No. VS20103
P/N: LX60HD

Thank you for choosing ViewSonic®

As a world-leading provider of visual solutions, ViewSonic® is dedicated to exceeding the world's expectations for technological evolution, innovation, and simplicity. At ViewSonic®, we believe that our products have the potential to make a positive impact in the world, and we are confident that the ViewSonic® product you have chosen will serve you well.

Once again, thank you for choosing ViewSonic®!

Safety Precautions

Please read the following **Safety Precautions** before you start using the projector.

- Keep this user guide in a safe place for later reference.
- Read all warnings and follow all instructions.
- Allow at least 20" (50 cm) clearance around the projector to ensure proper ventilation.
- Place the projector in a well-ventilated area. Do not place anything on the projector that prevents heat dissipation.
- Do not place the projector on an uneven or unstable surface. The projector may fall over, causing personal injury or projector malfunction.
- Do not look straight at the projector lens during operation. The intense light beam may damage your eyes.
- Always open the lens shutter or remove the lens cap when the projector lamp is on.
- Do not block the projection lens with any objects when the projector is under operation as this could cause objects to become heated and deformed or even cause a fire.
- The lamp becomes extremely hot during operation. Allow the projector to cool for approximately 45 minutes prior to removing the lamp assembly for replacement.
- Do not use lamps beyond the rated lamp life. Excessive use of lamps beyond the rated life could cause them to break on rare occasions.
- Never replace the lamp assembly or any electronic component unless the projector is unplugged.
- Do not attempt to disassemble the projector. There are dangerous high voltages inside which may cause death if you should come into contact with live parts.
- When moving the projector, be careful not to drop or bump the projector on anything.
- Do not place any heavy objects on the projector or connection cables.
- Do not stand the projector on end vertically. Doing so may cause the projector to fall over, causing personal injury or projector malfunction.
- Avoid exposing the projector to direct sunlight or other sources of sustained heat. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that may increase the temperature of the projector to dangerous levels.

- Do not place liquids near or on the projector. Liquids spilled into the projector may cause it to fail. If the projector does become wet, disconnect it from the power supply and call your local service center to have the projector serviced.
- When the projector is under operation, you may sense some heated air and odor from its ventilation grill. It is a normal operation and not a defect.
- Do not attempt to circumvent the safety provisions of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide and third blade are provided for your safety. If the plug does not fit into your outlet, obtain an adapter and do not attempt to force the plug into the outlet.
- When connecting to a power outlet, DO NOT remove the grounding prong. Please ensure grounding prongs are NEVER REMOVED.
- Protect the power cord from being treaded upon or pinched, particularly at the plug, and at the point where it emerges from the projector.
- In some countries, the voltage is NOT stable. This projector is designed to operate safely within a voltage between 100 to 240 volts AC, but could fail if power cuts or surges of ± 10 volts occur. In areas where voltage may fluctuate or cut out, it is recommended that you connect your projector through a power stabilizer, surge protector, or uninterruptable power supply (UPS).
- If smoke, an abnormal noise, or a strange odor is present, immediately switch the projector off and call your dealer or ViewSonic®. It is dangerous to continue using the projector.
- Use only attachments/accessories specified by the manufacturer.
- Disconnect the power cord from the AC outlet if the projector is not being used for a long period of time.
- Refer all servicing to qualified service personnel.

RG1

IEC

RG1 IEC62471-5:2015

RG1 GB/T 30117.5-2019

Safety Precautions - Ceiling Mounting

Please read the following **Safety Precautions** before you start using the projector.

If you intend to mount the projector on the ceiling, it is strongly recommended that you use a proper fitting projector ceiling mount kit and that you ensure it is securely and safely installed.

If you use an inappropriate projector ceiling mount kit, there is a safety risk that the projector may fall from the ceiling due to an improper attachment through the use of the wrong gauge or length screws.

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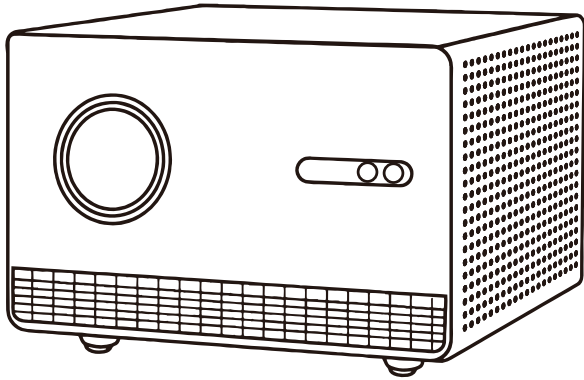
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Introduction

Package Contents



1



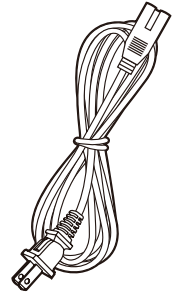
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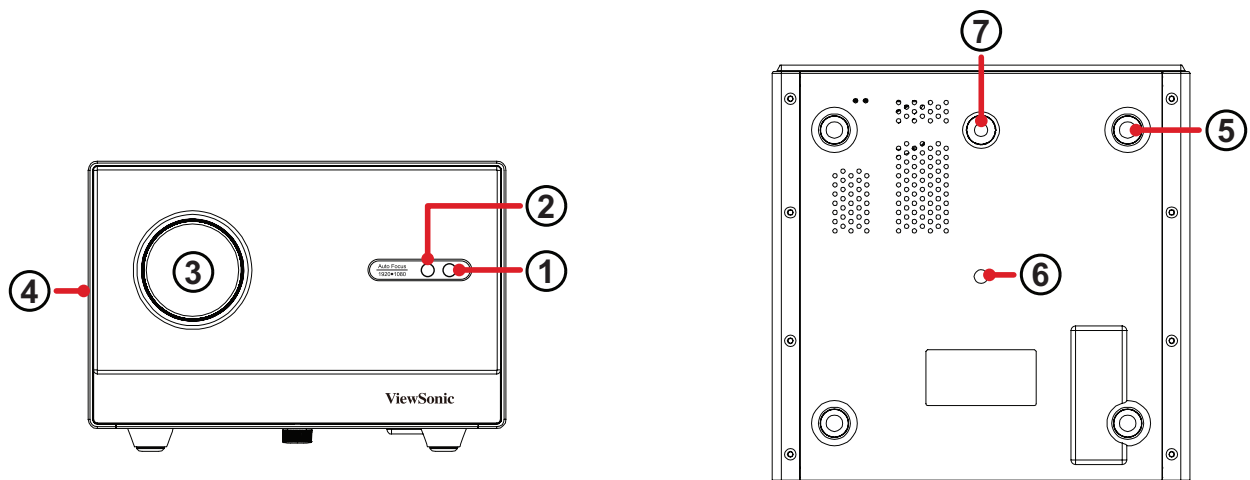
5

Number	Description
1	Projector
2	Remote Control
3	Batteries
4	Quick Start Guide
5	Power Cord

NOTE: The power cord and remote control included in your package may vary depending on your country. Please contact your local reseller for more information.

Product Overview

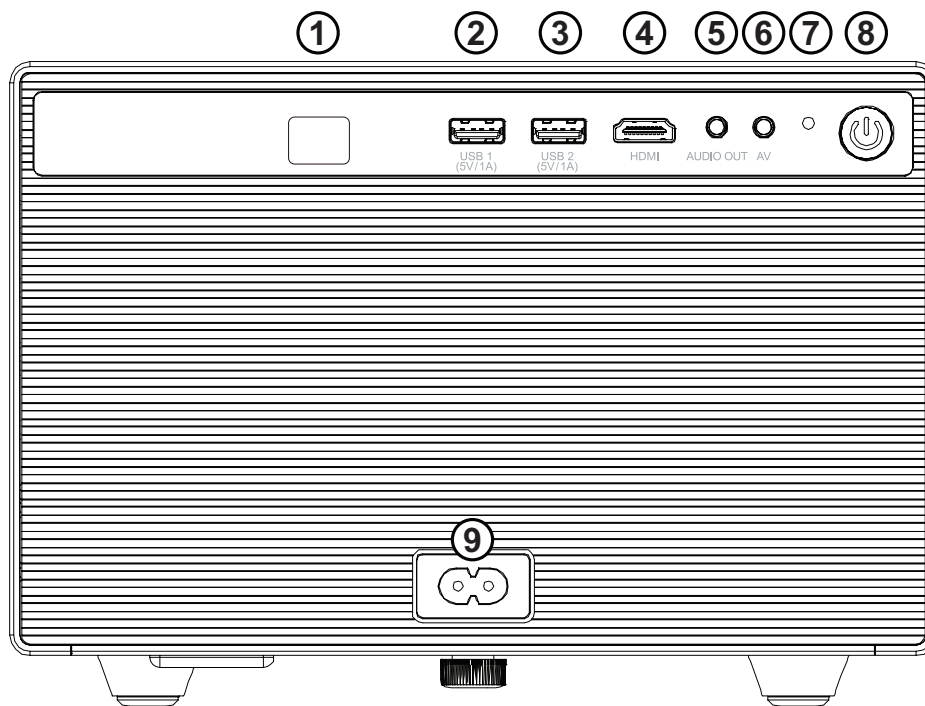
Projector



Number	Description
1	Remote Control IR Sensor
2	Auto Focus Camera
3	Projection Lens
4	Vent
5	Foot
6	Tripod Hole
7	Adjustable Foot













NOTE: Do not block projector intake and exhaust vents.

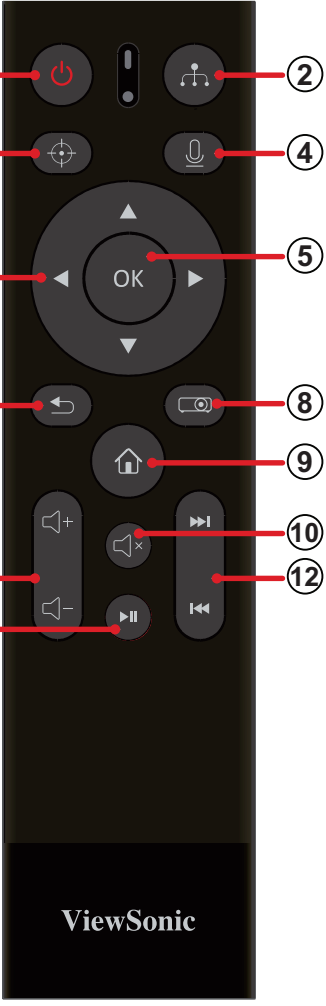
I/O Ports






Item		Description
1	IR Sensor	IR sensor for the remote control.
2	USB 1	USB Type A port (5V/1A).
3	USB 2	USB Type A port (5V/1A).
4	HDMI	HDMI input.
5	AUDIO OUT	Audio signal output.
6	AV	A/V input.
7	Power Indicator	Indicator light.
8	Power Button	Button for turning the projector on or off.
9	AC IN	AC IN socket.

Remote Control

Button		Description
1		Turn the projector on or off.
2		Displays the input source selection bar.
3		Automatically focus the image. NOTE: Press and hold for three seconds to manually adjust the focus.
4		Enable the voice function. NOTE: This feature is only available after the remote control is paired to the projector by Bluetooth.
5	OK	Confirm the selection.
6		Navigate and select the desired menu items and make adjustments.
7		Return to the previous screen.
8		Projector settings menu.
9		Go to the Home screen.
10		Turn the sound on or off.
11		Increase or decrease the sound level.
12		Move media content forwards or backwards.
13		Play or pause media content.



Application Media Buttons Use

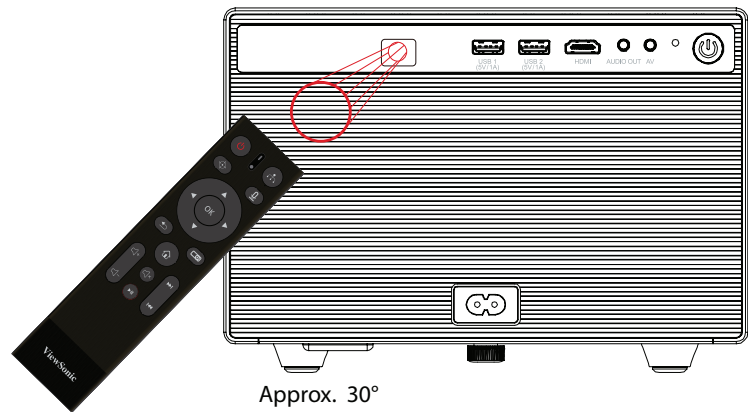
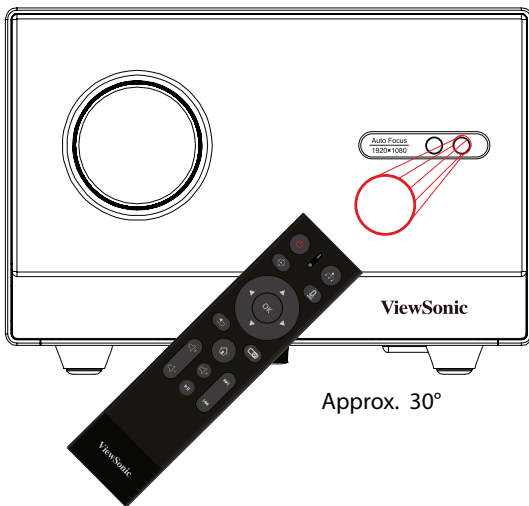
Application			
Netflix	Play or pause the video	Advance the video 10 seconds	Rewinds the video 10 seconds
YouTube	Pause the video	Go to the next video	Go to the previous video
Disney+			<i>Unsupported button</i>
Prime Video		Fast forward the video	Rewind the video

Remote Control - Receiver Range

To ensure proper function of the remote control follow the steps below:

1. The remote control must be held at an angle within 30° perpendicular to the projector's IR remote control sensor(s).
2. The distance between the remote control and the sensor(s) should not exceed 8 m (26 ft).

NOTE: Refer to the illustration for the location of the infrared (IR) remote control sensor(s).



Remote Control - Replacing the Batteries

1. Remove the battery cover from the bottom of the remote control by pressing the finger grip and sliding it across.
2. Remove any existing batteries (if necessary) and install two AAA batteries.
NOTE: Observe the battery's polarities as indicated.
3. Replace the battery cover by aligning it with the base and pushing it back into position.

NOTE:

- Avoid leaving the remote control and batteries in excessive heat or a humid environment.
- Replace only with the same or equivalent type recommended by the battery manufacturer.
- If the batteries are drained or if you will not be using the remote control for an extended period of time, remove the batteries to avoid damage to the remote control.
- Dispose of the used batteries according to the manufacturer's instructions and local environment regulations for your region.

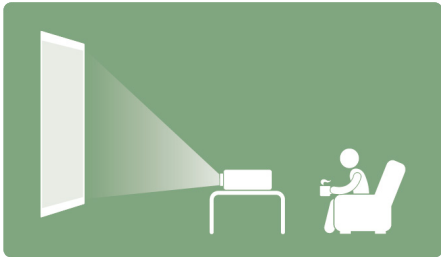
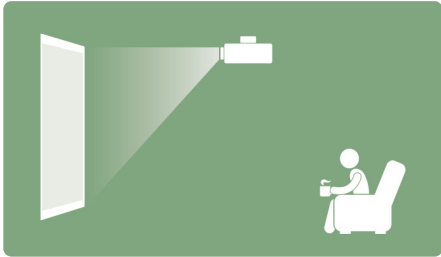
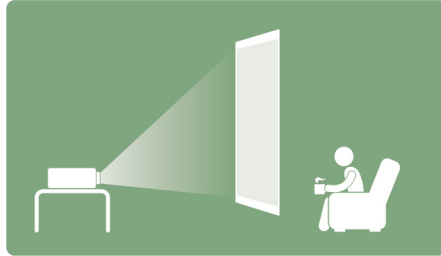
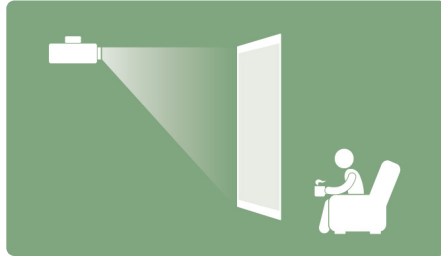
Initial Setup

Choosing a Location - Projection Orientation

Personal preference and room layout will decide the installation location. Consider the following:

- Size and position of your screen.
- Location of a suitable power outlet.
- Location and distance between the projector and other equipment.

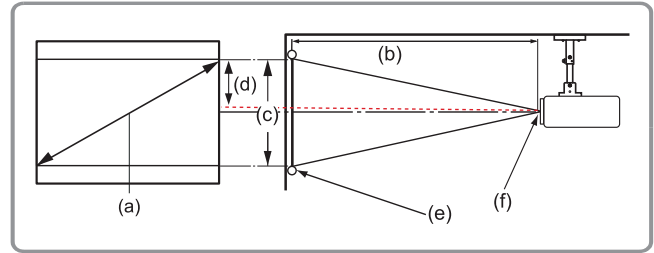
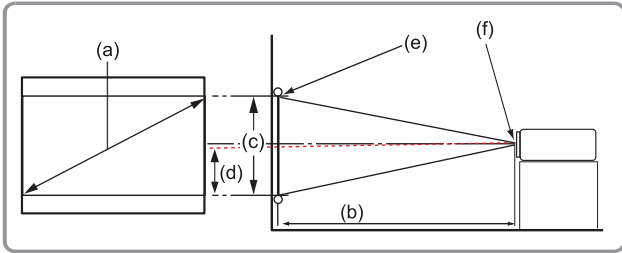
The projector is designed to be installed in one of the following locations:

Location	
<p>Front Table</p> <p>The projector is placed near the floor in front of the screen.</p>	 A diagram showing a projector on a small table in front of a screen. A beam of light projects from the projector onto the screen. A person is sitting in a chair to the right, watching the screen.
<p>Front Ceiling</p> <p>The projector is suspended upside-down from the ceiling in front of the screen.</p>	 A diagram showing a projector suspended upside-down from the ceiling in front of a screen. A beam of light projects from the projector onto the screen. A person is sitting in a chair to the right, watching the screen.
<p>Rear Table¹</p> <p>The projector is placed near the floor behind the screen.</p>	 A diagram showing a projector on a small table behind a screen. A beam of light projects from the projector onto the screen. A person is sitting in a chair to the right, watching the screen.
<p>Rear Ceiling¹</p> <p>The projector is suspended upside-down from the ceiling behind the screen.</p>	 A diagram showing a projector suspended upside-down from the ceiling behind a screen. A beam of light projects from the projector onto the screen. A person is sitting in a chair to the right, watching the screen.

¹ A rear projection screen is required.

Projection Dimensions

16:9 Image on a 16:9 Screen



NOTE: (e) = Screen / (f) = Center of Lens

(a) Screen Size		(b) Projection Distance				(c) Image Height		(d) Vertical Offset	
		Minimum		Maximum					
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
50	127	51.5	130.9	54	136.2	24.5	62.3	43.58	111
60	152	62.6	158.9	63	160.5	29.4	74.7	52.29	133
70	178	72.6	184.4	74	186.7	34.3	87.2	61.01	155
80	203	82.8	210.4	86	217.6	39.2	99.6	69.73	177
90	229	93.5	237.5	96	244.8	44.1	112	78.44	199
100	254	103.0	261.5	107	270.9	49	125	87.16	221
110	279	113.6	288.6	116	295.3	53.9	137	95.87	244
120	305	125.0	317.6	128	324.3	58.8	149	104.6	266
130	330	135.1	343.1	138	350.2	63.7	162	113.3	288
140	356	146.1	371.2	149	378.9	68.6	174	122	310

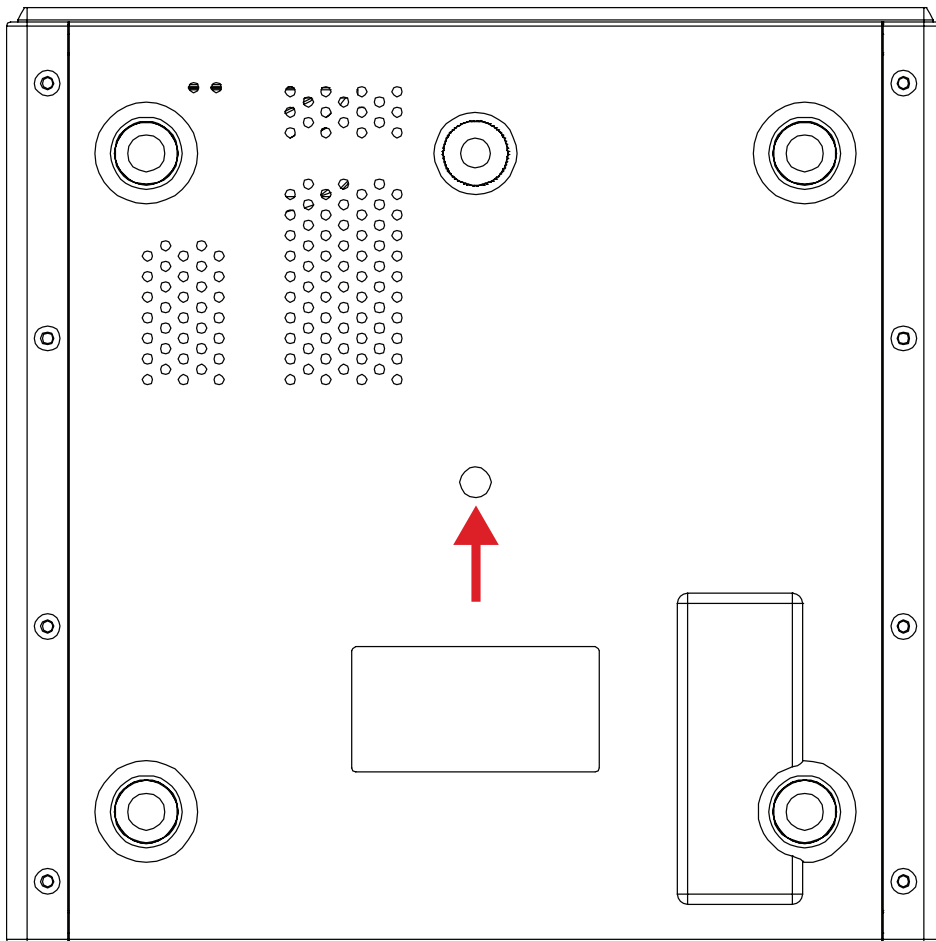
NOTE:

- These figures are for reference purposes only. Please refer to the actual projector for the precise dimensions.
- It is recommended that if you intend to permanently install the projector to physically test the projection size and distance using the actual projector before you permanently install it.

Mounting the Projector

NOTE: If you buy a third party mount, please use the correct screw size. Screw size can vary depending on the thickness of the mounting plate.

1. To ensure the most secure installation, please use a ViewSonic® wall or ceiling mount.
2. Ensure the screws used to attach the mount to the projector meet the following specifications:
 - Screw type: M4 x 7
 - Maximum Screw Length: 7 mm

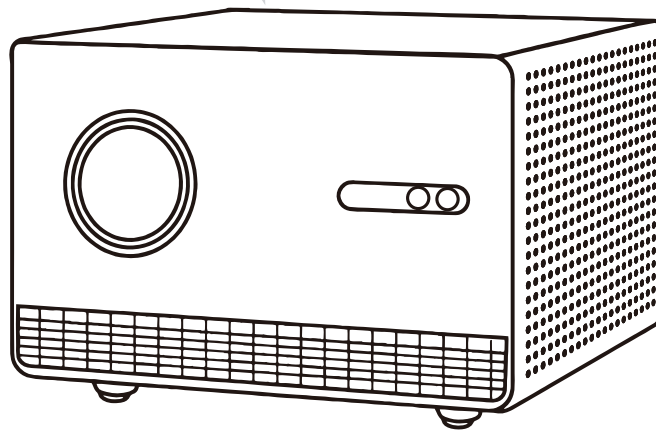
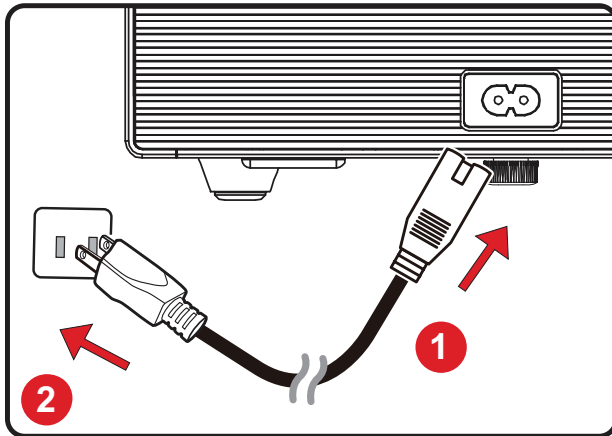


CAUTION:

- Avoid installing the projector near a heat source or air conditioner.
- Keep at least a 10 cm (3.9 in.) gap between the ceiling and the bottom of the projector.

Making Connections

Connecting to Power



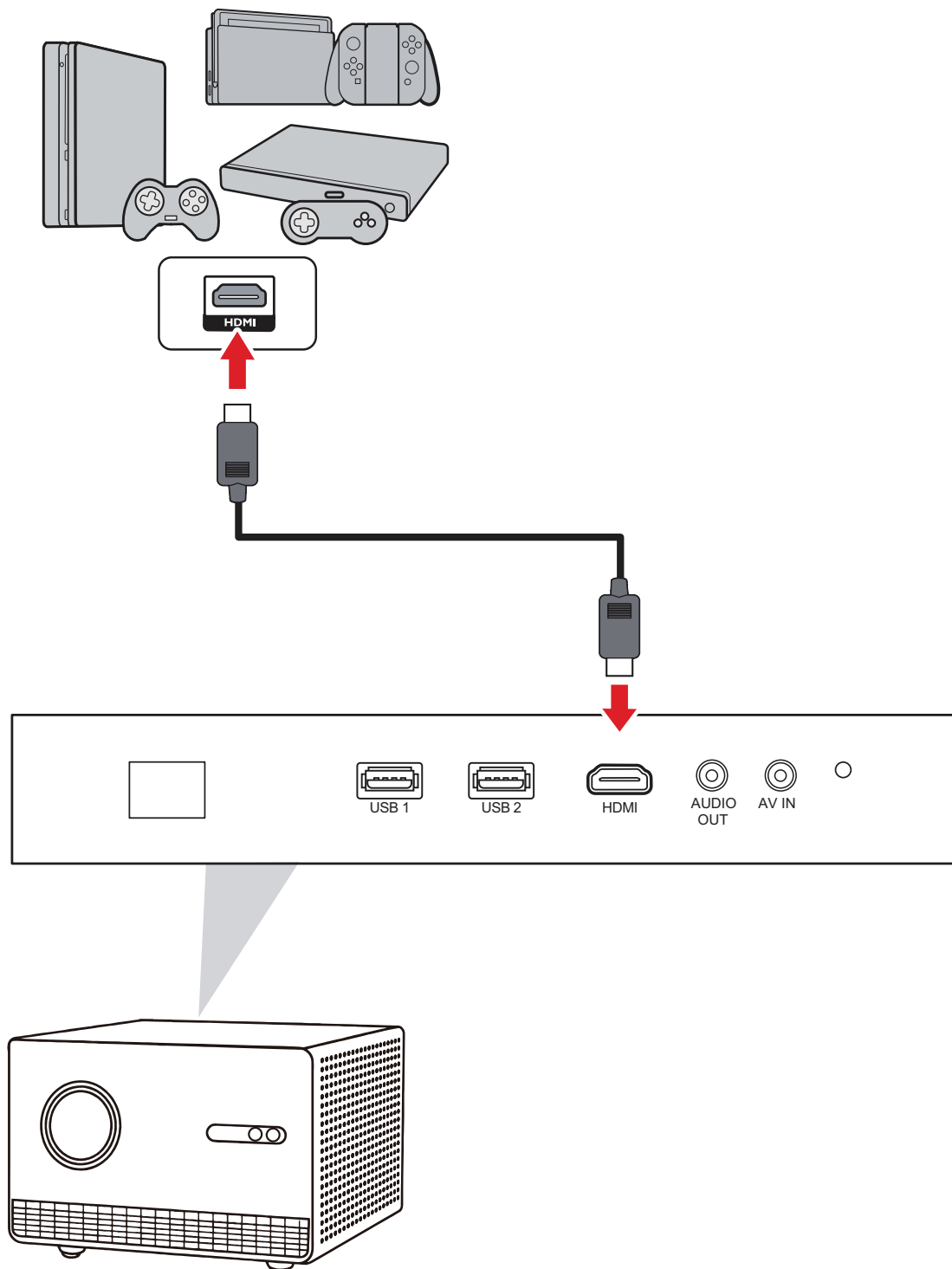
1. Connect the power cord to the AC IN socket at the rear of the projector.
2. Plug the power cord into a power outlet.

NOTE: When installing the projector, incorporate a readily accessible disconnect device in the fixed wiring, or connect the power plug to an easily accessible outlet near the unit. If a fault should occur during operation of the projector, use the disconnect device to switch off the power supply, or disconnect the power plug.

Connecting to External Devices

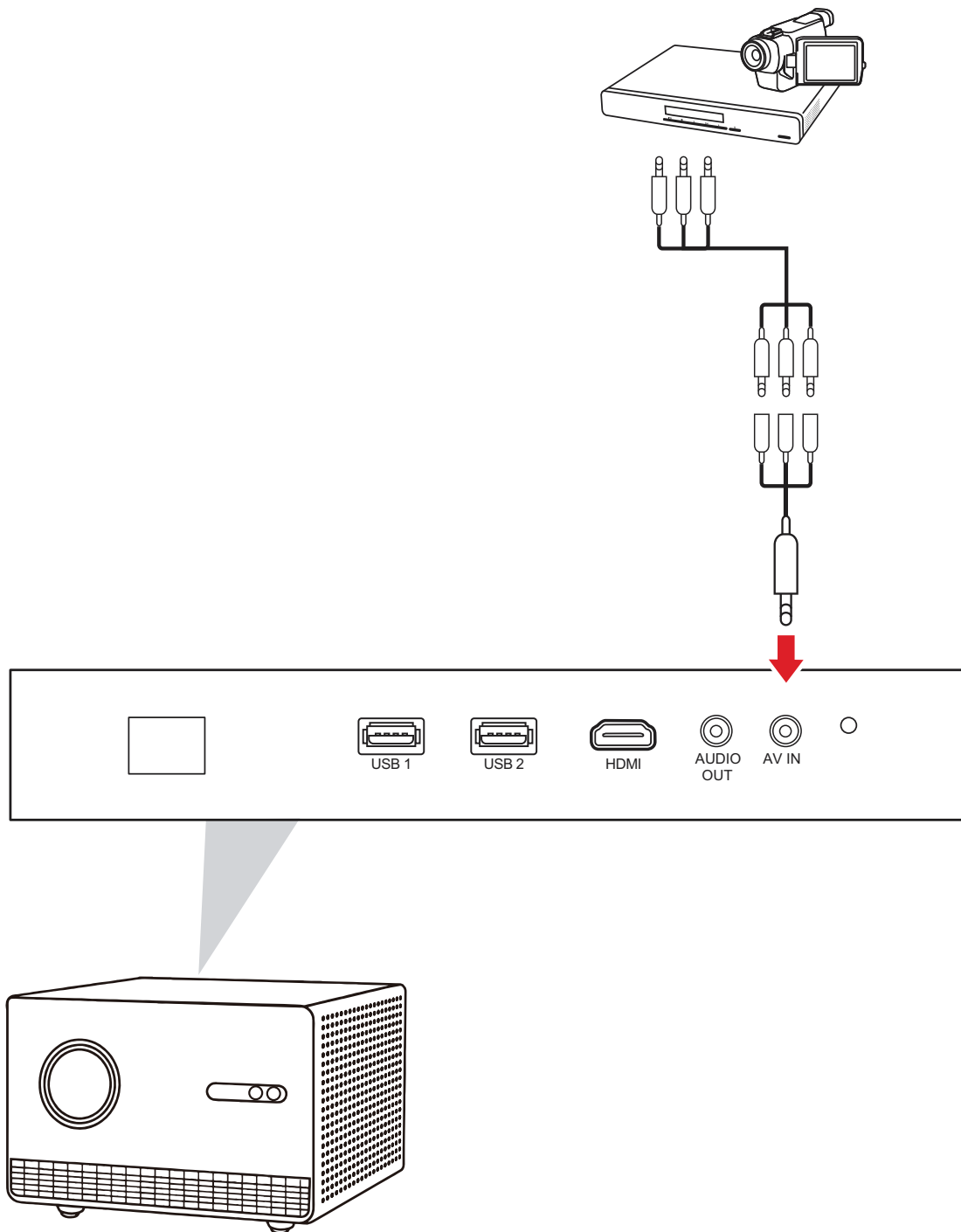
HDMI Connection

Connect one end of an HDMI cable to the HDMI port of your video device. Then connect the other end of the cable to the **HDMI** port of your projector.



AV Input

Connect one end of the audio-video assembly cable to the device's port. Then, connect the other end of the cable to the projector's **AV IN** port.

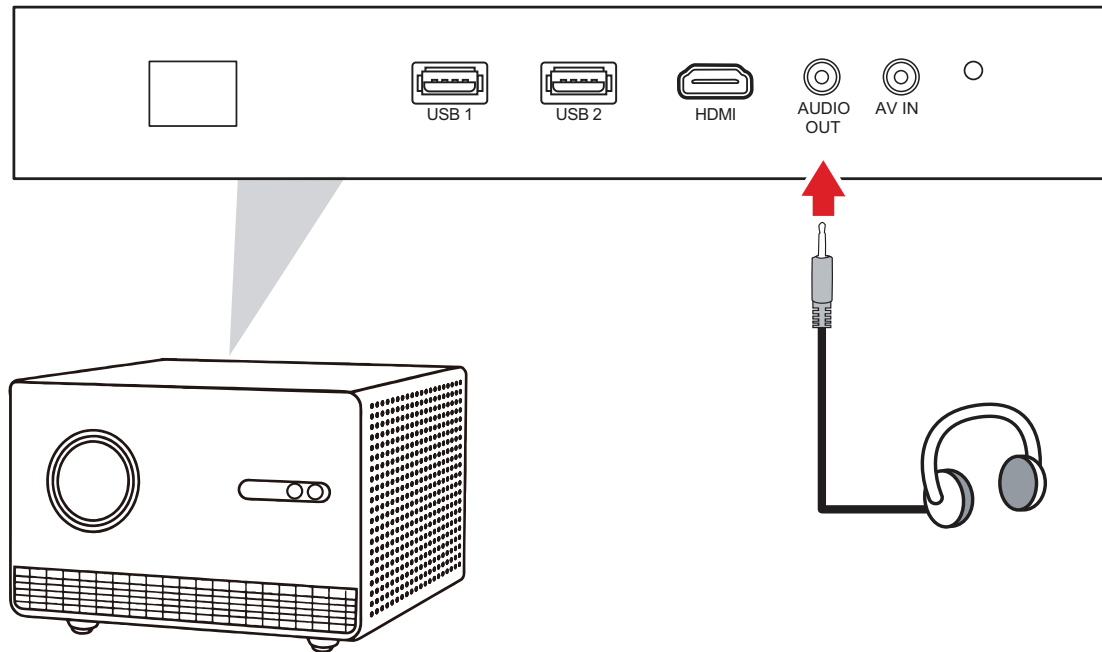


Audio Connection

The projector supports Audio Out.

Audio Out

To play audio from the projector through an external speaker, connect one end of an audio cable to the external speaker, and the other end to the projector's **AUDIO OUT** port.

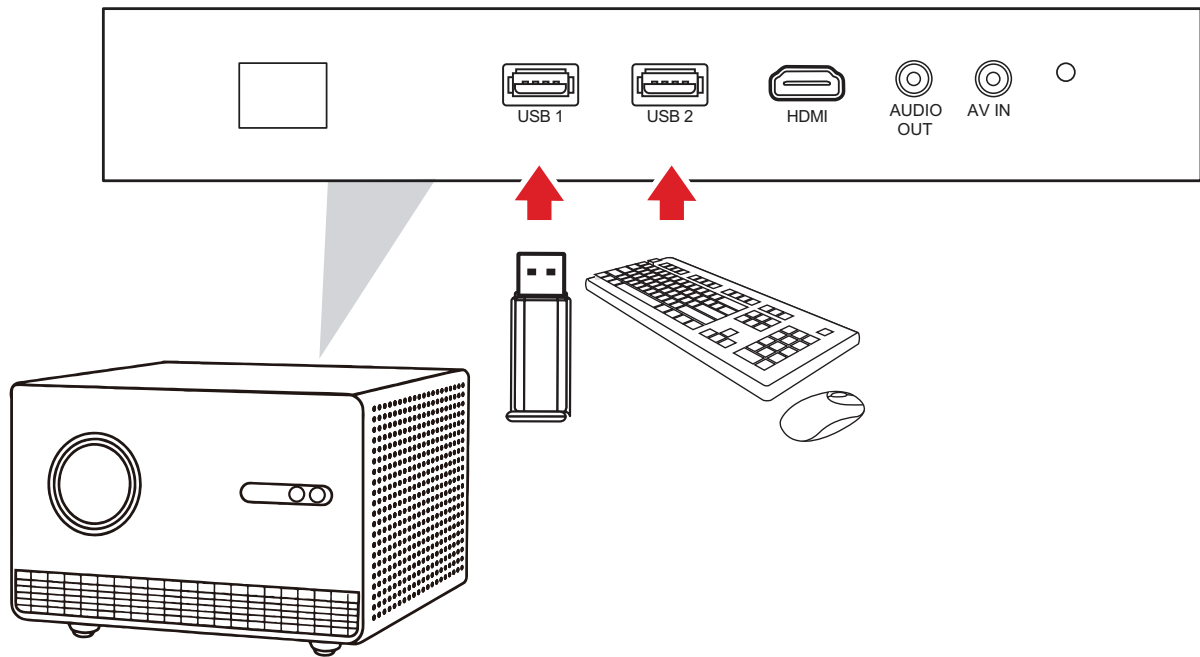


NOTE: If using headphones, it is recommended to use headphones with an impedance of 32 ohms or higher.

USB Connection

USB Type A

Connect a keyboard, a mouse, dongles, storage devices, etc. to the projector's USB Type A ports, **USB 1** and **USB 2**.



Bluetooth Connection

Bluetooth Devices

Connect Bluetooth devices, like headphones or a soundbar, to your Smart System.

NOTE:

- You can only connect one audio device at a time.
- The Bluetooth function is only available when the input source is **Smart System**. It is not available for other sources.

1. From the Smart System Home Screen, in the upper-right corner, select the Settings icon and press **OK** on the remote control.

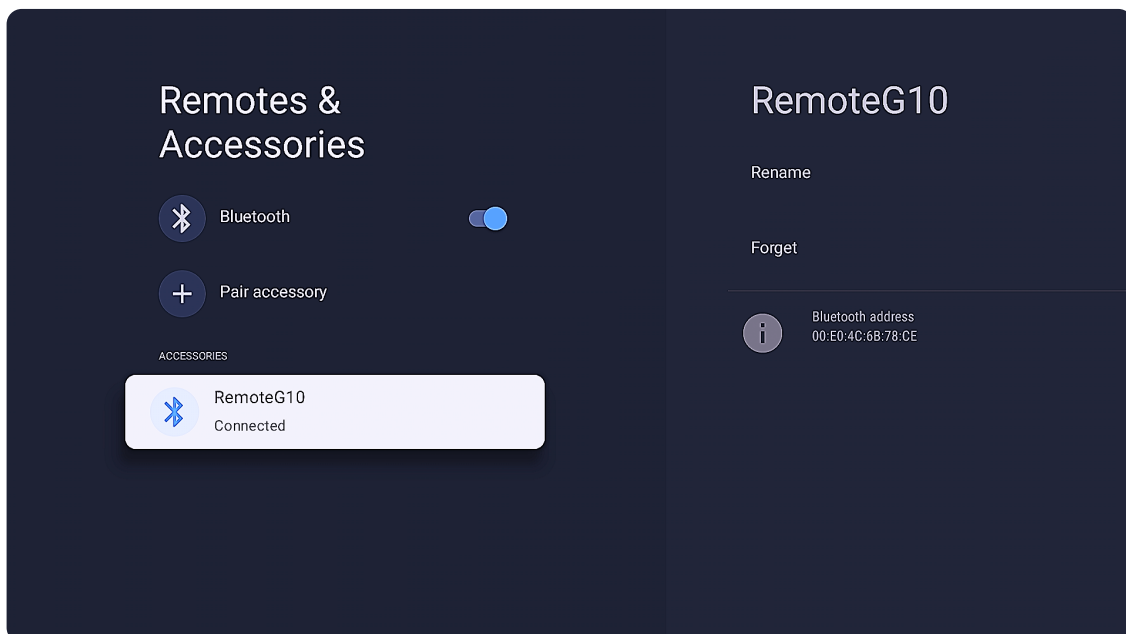
2. Select **Remote & Accessories > Pair accessory**.

NOTE: Please make sure your device is in pairing mode or is visible to other devices.

3. Identify the device you want to pair from the list and select it.

4. On the Bluetooth pairing request screen, select **Pair**.

Tip: Accessories that have been paired with the projector will appear in the **Remote & Accessories** of the Smart System's settings. You can also rename or forget paired devices.



NOTE: To put the remote control in pairing mode, press and hold the **Return** (↩) and **Home** (🏠) button until the remote control led indicator starts flashing.

Screen Mirroring

Screen Mirroring allows users to mirror the screen on their personal device.

NOTE:

- Please make sure your device is connected to the same network as the projector.
- The Screen Mirroring function is only available when the input source is **Smart System**. It is not available for other sources.

For Android:

1. Download and install the “Google Home” application and open it.
2. Pull-to-refresh the app and wait for 30 seconds.
3. The projector’s name will now be visible, select it.

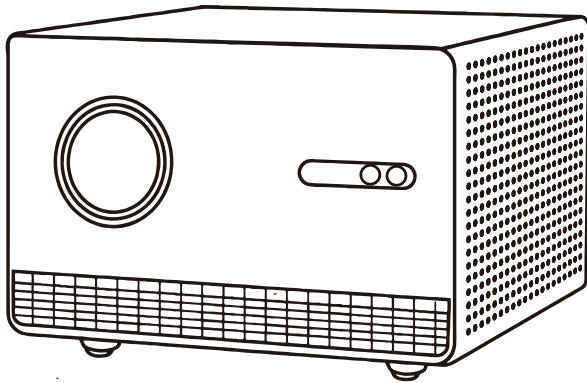
NOTE: Some Android devices support direct Casting. If your device does, go to the Casting feature and choose the projector’s name from the list of available devices.

For iOS:

iOS devices need to use third-party apps for this (e.g., AirScreen, AirDroidCast TV).

Using the Projector

Turning the Projector On



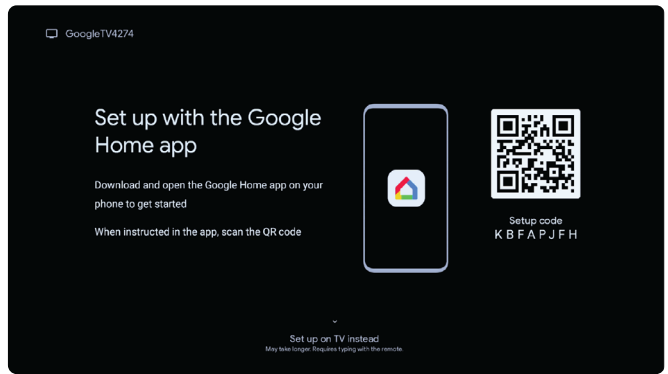
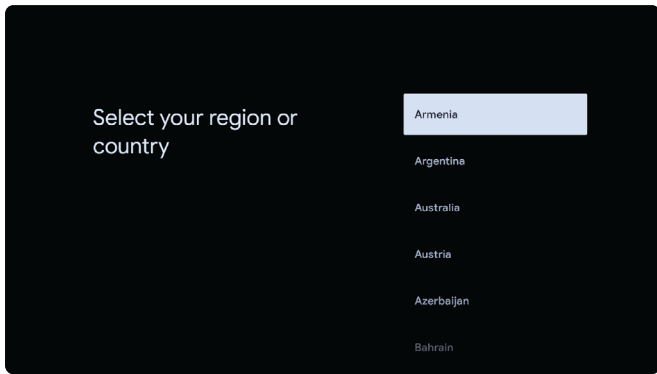
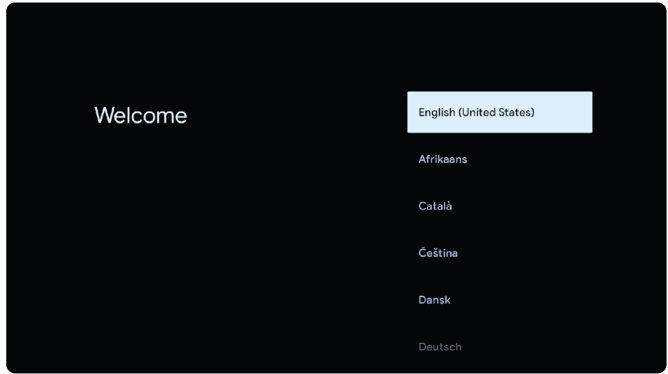
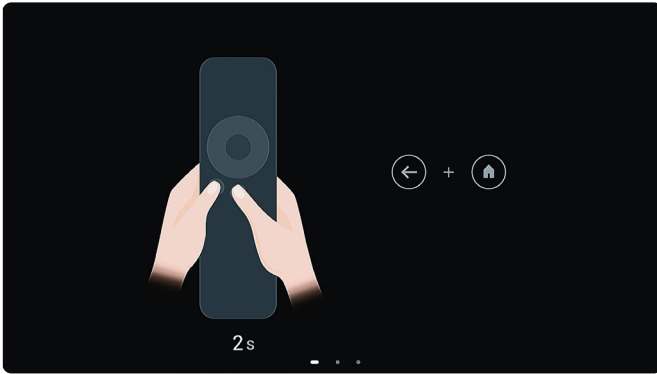
1. Make sure the projector's power cord is properly connected to a power outlet.
2. Press the **Power** (⏻) button on the projector or remote control to turn on the projector.

NOTE:

- The Power Indicator Light will be flashing green during startup.
- The first time the projector is turned on, you will be prompted to select the preferred language, region, network, and other settings.

First Time Activation

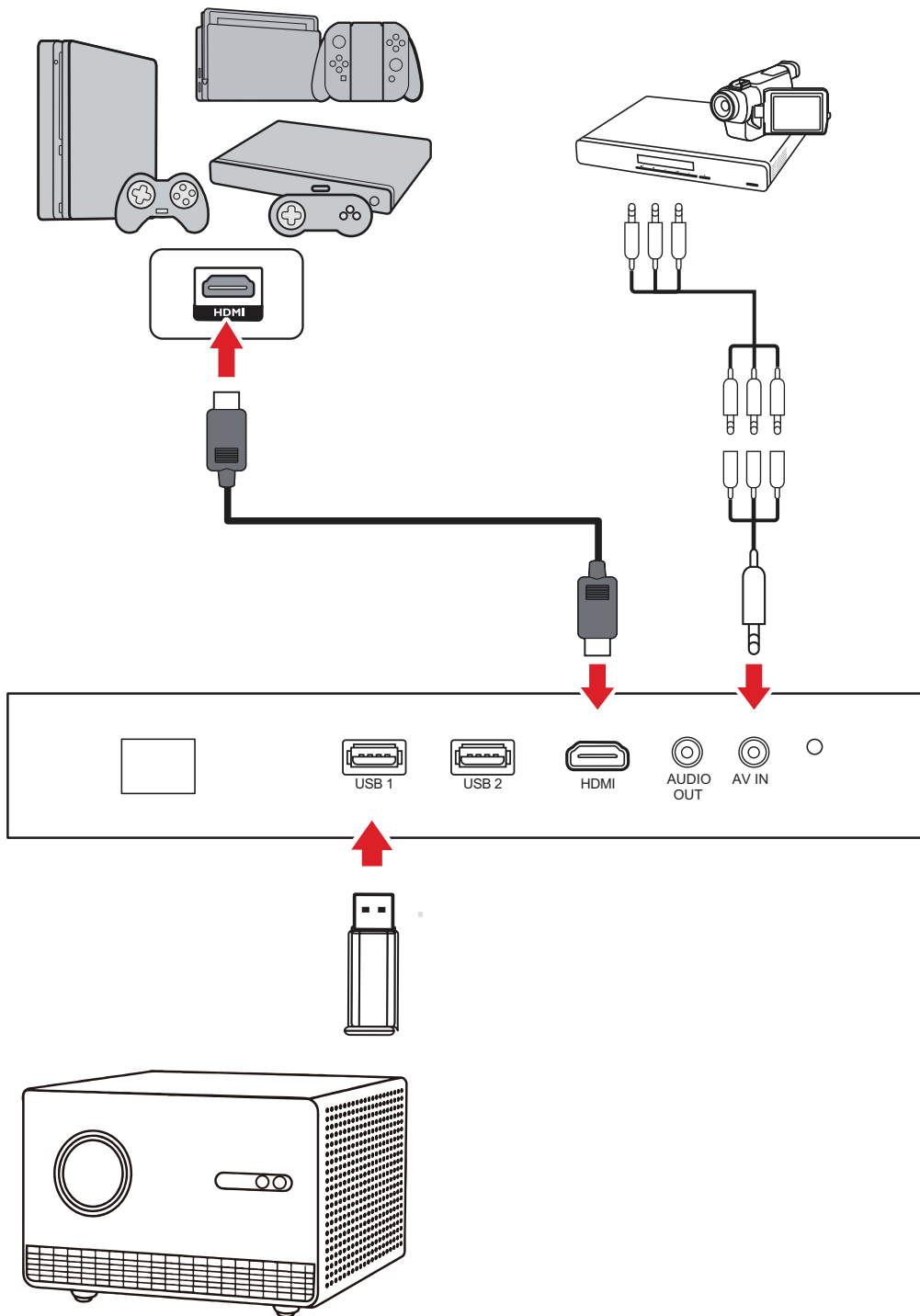
The first time the projector is turned on, you will be prompted to pair the Bluetooth remote control, select the language, region, network, and other settings. Follow the on-screen instructions using the **OK** and **Directional** (▲▼◀▶) buttons on the remote control.



NOTE: To put the remote control in pairing mode, press and hold the **Return** (↩) and **Home** (🏠) button until the remote control led indicator starts flashing.

Selecting an Input Source

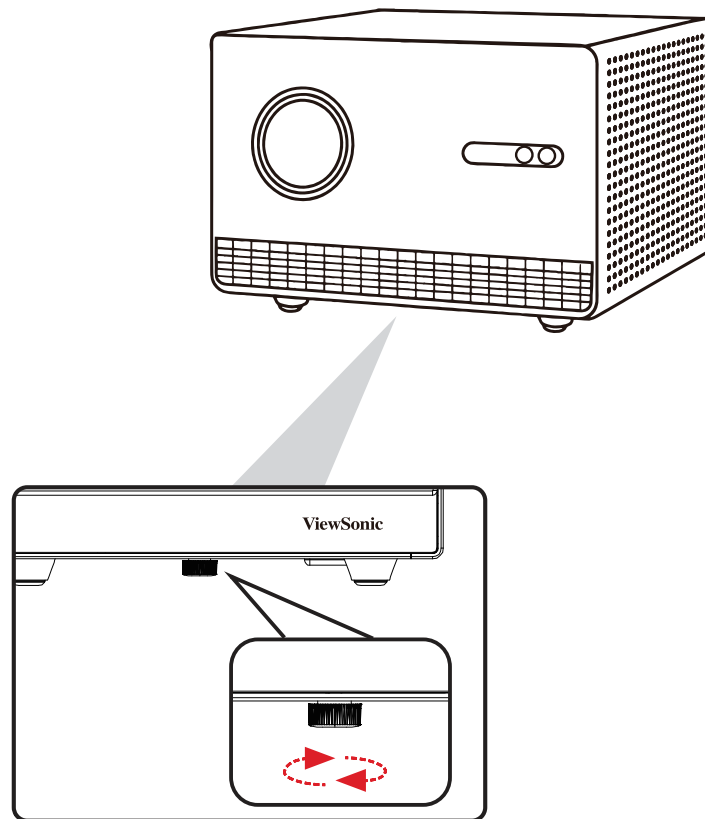
The projector can be connected to multiple devices at the same time. However, it can only display one full screen at a time.



NOTE: Make sure the connected sources are also turned on.

Adjusting the Projector's Height and Projection Angle

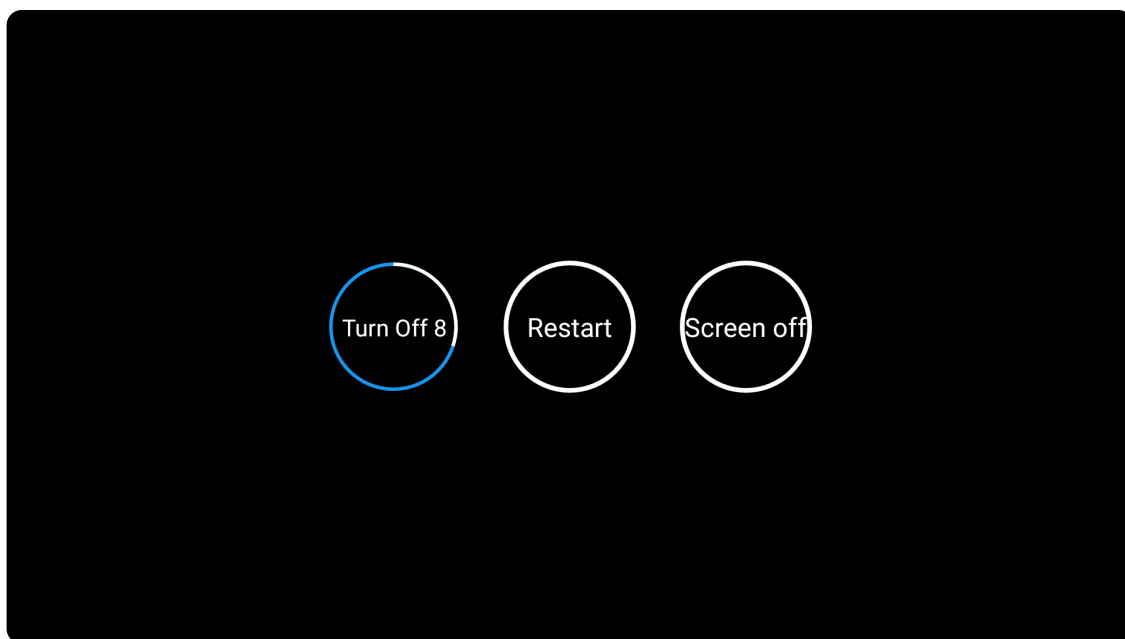
The projector is equipped with one adjustment foot. Adjusting the foot will change the projector's height and the vertical projection angle.



NOTE: If the projector is not placed on a flat surface or the screen and the projector are not perpendicular to each other, the projected image can become trapezoidal. However, the “Auto Keystone” function will correct the issue automatically.

Turning the Projector Off

1. Press the **Power** (⏻) button on the projector or remote control and the below options will appear.



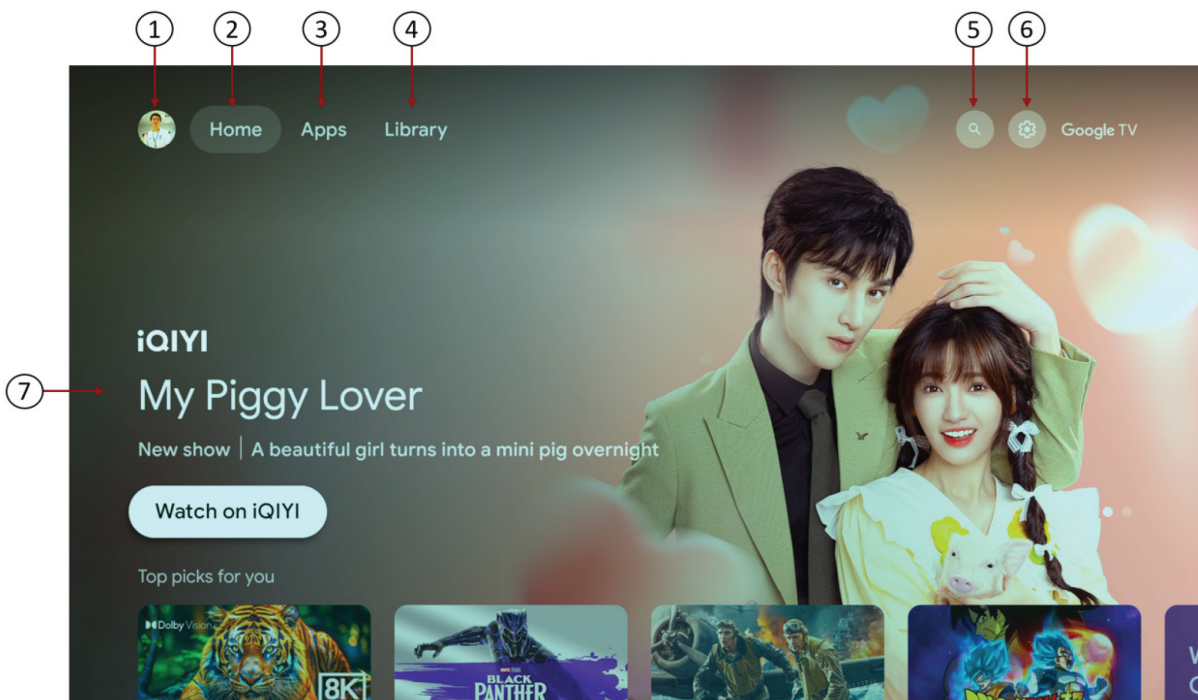
2. Using the left or right **Directional** (◀▶) buttons to select Turn Off, then press **OK** on the remote control to turn off the projector.
3. The Power Indicator Light will turn solid red.

NOTE: When pressing the **Power** (⏻) button on the projector or remote control, there will be three options to choose from: Turn Off, Restart, and Screen Off.

Menu Operation

Home Screen (Smart System)

The Smart System Home Screen is displayed every time you start the projector. To navigate, simply use the **Directional** (▲▼◀▶) buttons on the remote control. You can return to the Smart System Home Screen at any time by pressing the **Home** (🏠) button on the remote control, regardless of what page you are on.

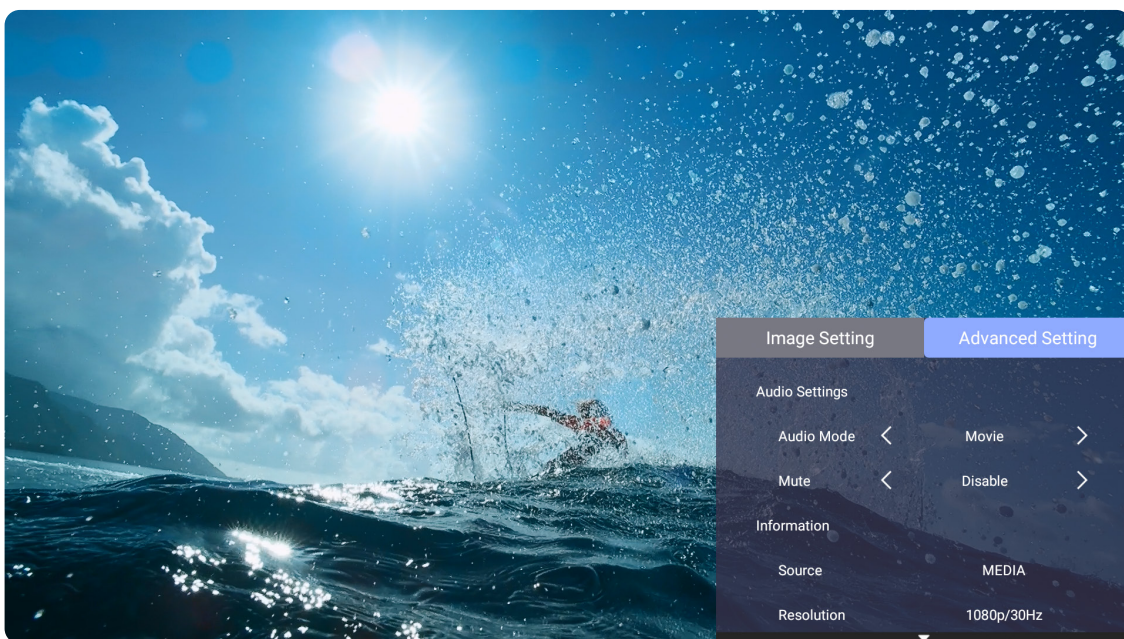
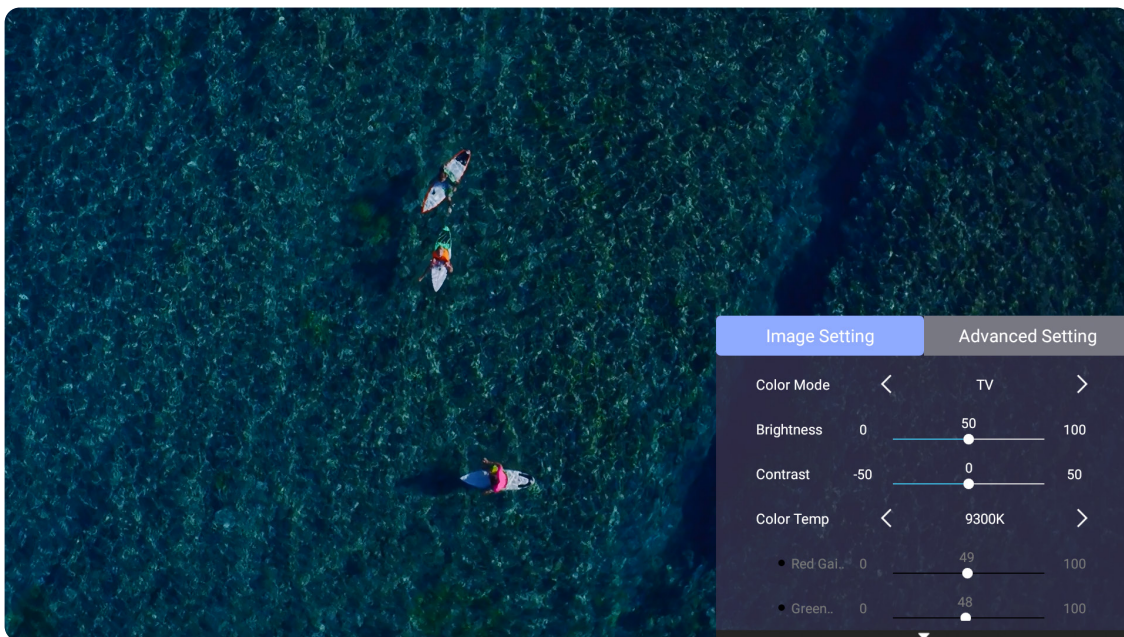


NOTE: The Google TV home screen depends on where you live and the language you choose for your device. For more information, visit <https://support.google.com/googletv/>.

	Item	Description
1	Account	Add, change, or manage accounts.
2	Home	Go to the Google TV home screen.
3	Apps	View installed applications and Google Play.
4	Library	View shows on your watchlist.
5	Search	Search all content on Google TV.
6	Settings	View Google TV settings.
7	Recommended Content	Channel/streaming service's recommended content.

Input Source Selected Menu

When an input source is selected, the **Image Setting** and **Advanced Setting** menus can be adjusted. Press the **Projector Settings** (🔧) button on the remote control to launch the menus.



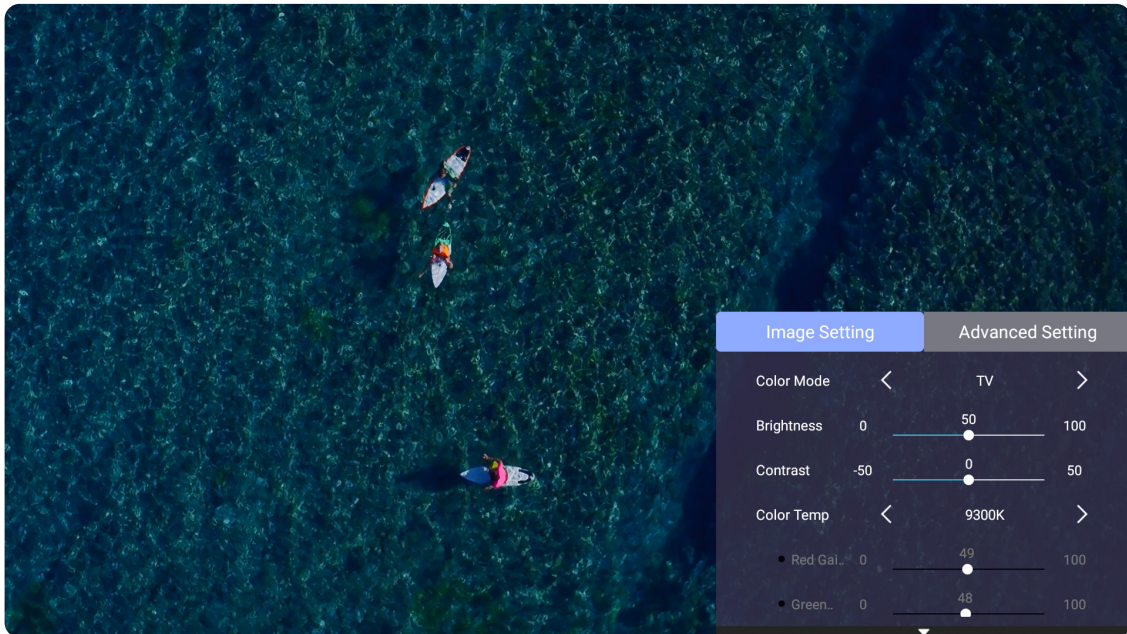
Input Source Selected On-Screen Display (OSD) Menu Tree

Main Menu	Sub-menu	Menu Option		
Image Setting	Color Mode	Brightest		
		TV		
		Movie		
		Gaming		
		User		
	Brightness	(-/+ , 0~100)		
	Contrast	(-/+ , -50~50)		
	Color Temp	6500K		
		7500K		
		9300K		
		User	Red Gain	(-/+ , 0~100)
			Green Gain	(-/+ , 0~100)
			Blue Gain	(-/+ , 0~100)
			Red Offset	(-/+ , -50~50)
	Green Offset	(-/+ , -50~50)		
Blue Offset	(-/+ , -50~50)			
Tint	(-/+ , -50~50)			
Saturation	(-/+ , 0~100)			
Sharpness	(-/+ , 0~50)			
Reset Current Color Settings				
Advanced Setting	Audio Settings	Audio Mode	Movie	
			Music	
		Mute	Enable	
			Disable	
	Information	Source		
		Resolution		

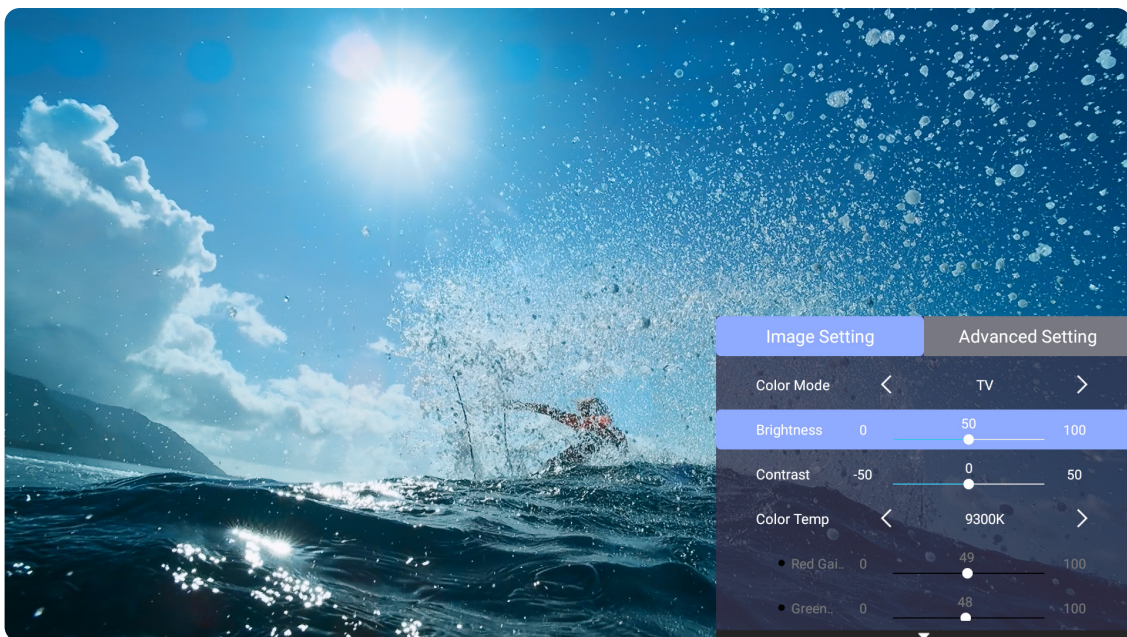
Image Setting Menu

To access the **Image Setting Menu**:

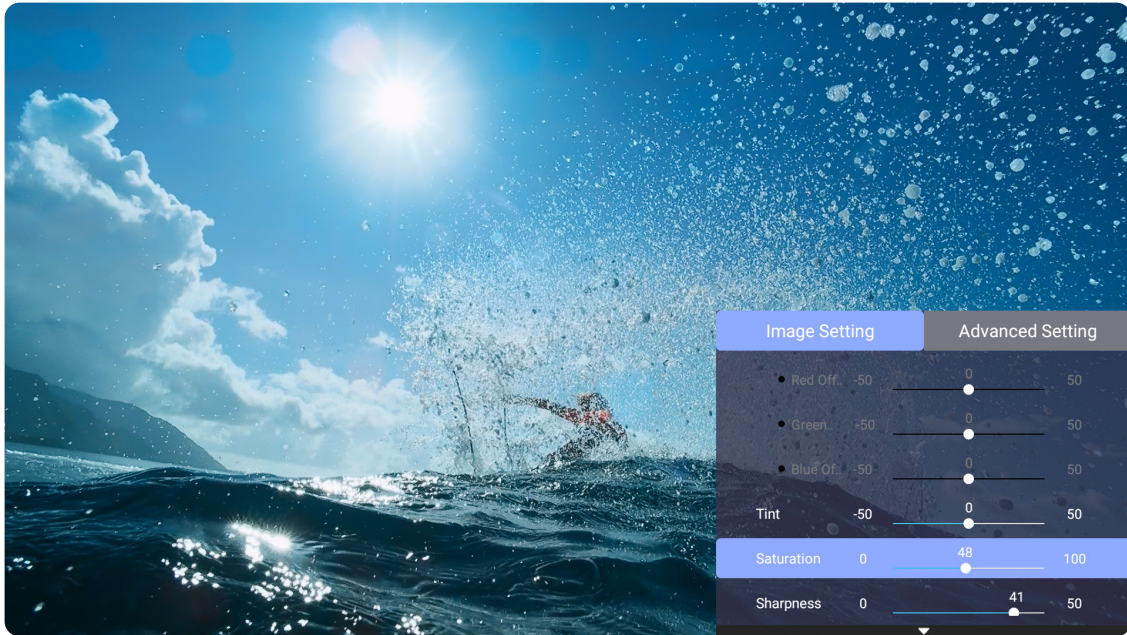
1. Press the **Projector Settings** (📺) button on the remote control.



2. Press the up/down **Directional** (▲▼) buttons to select a menu.



3. Then press the left/right **Directional** (◀▶) buttons to enter the sub-menu(s) and/or adjust the settings.



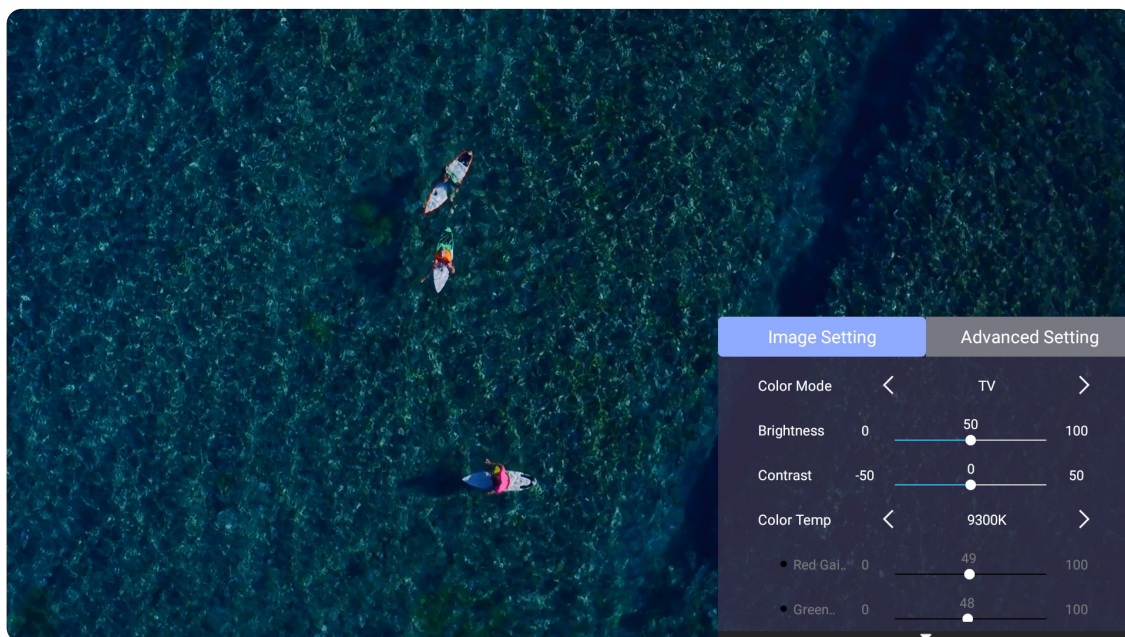
4. Press the **Return** (↵) button to go to the previous menu or exit.

Menu	Description
Color Mode	<p>The projector is preset with several predefined picture modes so that you can choose one to suit your operating environment and input signal.</p> <p><u>Brightest</u> Suitable for bright, well-lit environments.</p> <p><u>TV</u> Designed for normal circumstances in a daylight environment.</p> <p><u>Movie</u> Provides the best balance of detail and colors for watching movies.</p> <p><u>Gaming</u> Ideal settings for playing video games.</p> <p><u>User</u> User-specific, custom image settings.</p>
Brightness	Adjusts the background black levels of the screen image.
Contrast	Adjusts the degree of difference between the lightest and darkest parts of the picture and changes the amount of black and white in the image.
Color Temp	<p>How color appears when it's measured using the Kelvin scale.</p> <p><u>6500K</u> Normal white coloring.</p> <p><u>7500K</u> Higher, cooler color temperature.</p> <p><u>9300K</u> Highest color temperature; makes the image appear the most bluish-white.</p> <p><u>User</u> Customize red, green, and blue values.</p>
Tint	The higher the value, the more greenish the picture becomes. The lower the value, the more reddish the picture becomes.
Saturation	Refers to the amount of that color in a video picture. Lower settings produce less saturated colors; in fact, a setting of "0" removes that color from the image entirely. If the saturation is too high, that color will be overpowering and unrealistic.
Sharpness	Adjust the on-screen image's clarity.
Reset Current Color Settings	Return current color settings to their default values.

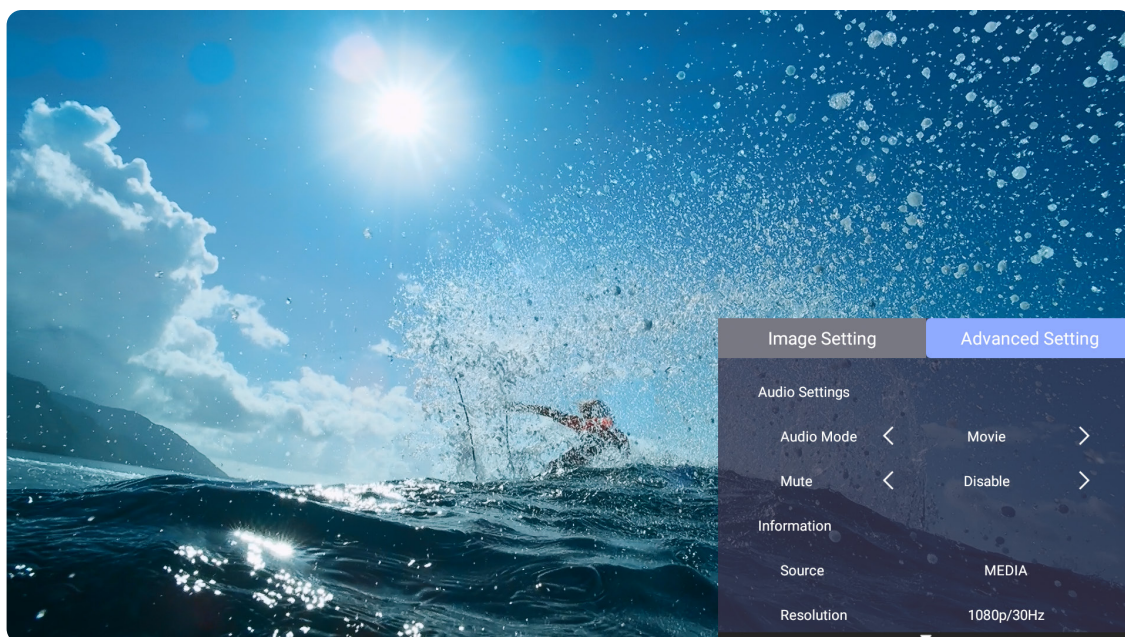
Advanced Setting Menu

To access the **Advanced Setting Menu**:

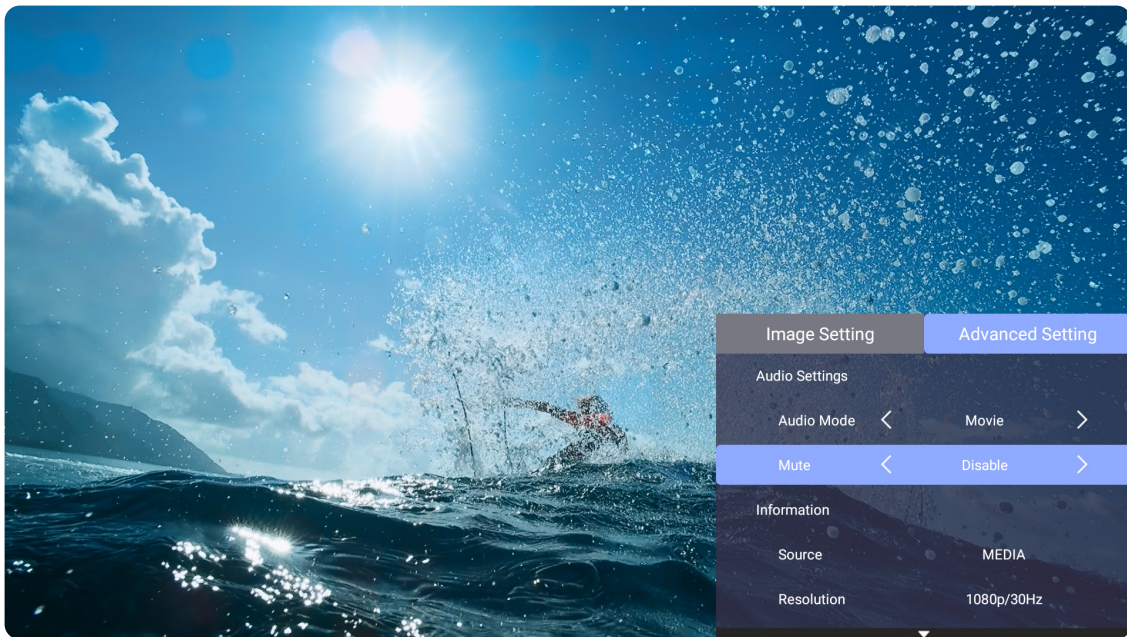
1. Press the **Projector Settings** (📺) button on the remote control.



2. Press the right **Directional** (▶) button to access the **Advanced Setting** menu.



3. Press the up/down **Directional** (▲▼) buttons to select a menu.



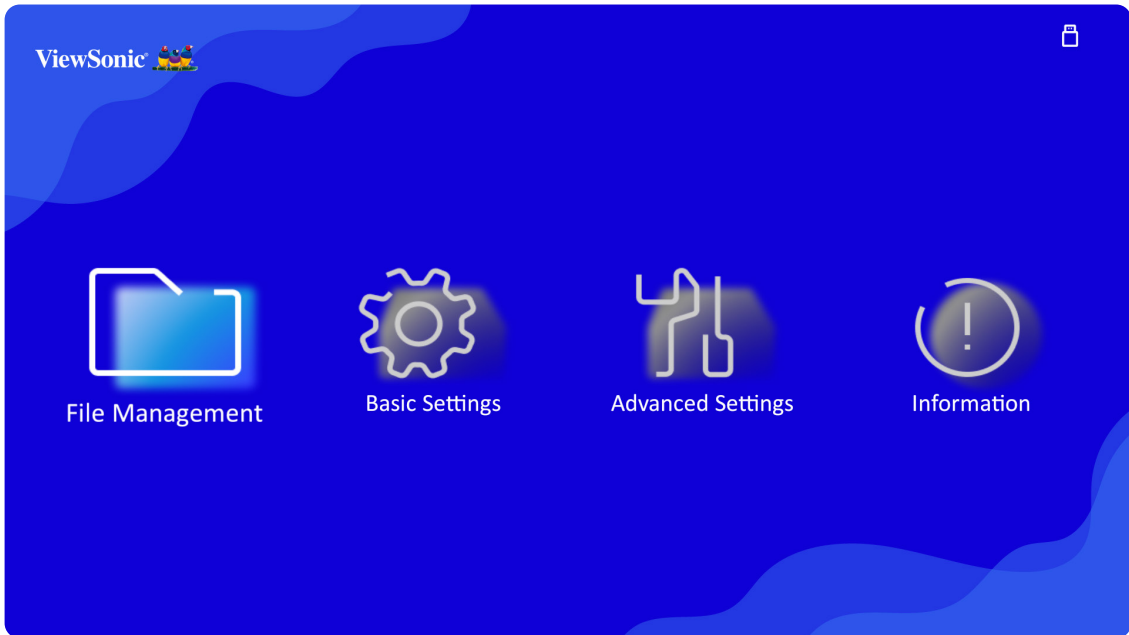
4. Then use the left/right **Directional** (◀▶) buttons to enter the sub-menu(s) and/or adjust the settings.

5. Press the **Return** (↵) button to go to the previous menu or exit.

Menu	Description
Audio Settings	Adjust the Audio Mode and Mute settings.
Information	Shows the current input source and resolution.

Projector Settings

Press and hold the **Projector Settings** (🔧) button on the remote control to launch the projector's settings.



Menu	Description
File Management	Manage local or USB files and folders.
Basic Settings	Adjust Language, Projector Position, Keystone, Zoom and Focus settings.
Advanced Settings	Adjust Power On Ringtone, Auto Power On, Smart Energy, Audio, and Reset settings.
Information	View projector information: Light Source Hours, System Version, Memory Information, and Serial Number.

Menu Navigation

1. To open the On-Screen Display (OSD) Menu, press and hold the **Projector Settings** (📺) button on the remote control
2. When the OSD Menu is displayed, use the use the left/right **Directional** (◀▶) buttons to select a main menu (File Management, Basic Settings, Advanced Settings, or Information). Press the **OK** button on the remote control to enter the menu.
3. Use the **Directional** (▲▼◀▶) buttons to select an item in the sub-menu and then press the **OK** button to view further settings. Adjust the settings by using the left/right **Directional** (◀▶) buttons. Repeat as needed.
4. To exit a menu, press the **Return** (↵) button on the remote control.

On-Screen Display (OSD) Menu Tree

Main Menu	Sub-menu	Menu Option
File Management		
Basic Settings	Language	English
		Français
		Deutsch
		Italiano
		Español
		Русский
		繁體中文
		简体中文
		日本語
		한국어
		Svenska
		Nederlands
		Türkçe
		Český
		Português
		ไทย
		Polski
		Suomi
		العربية
		Bahasa Indonesia
	Hindi	
	Tiếng Việt	
	Ελληνικά	
	Magyar	
Projector Position	Front Table	
	Front Ceiling	
	Rear Table	
	Rear Ceiling	

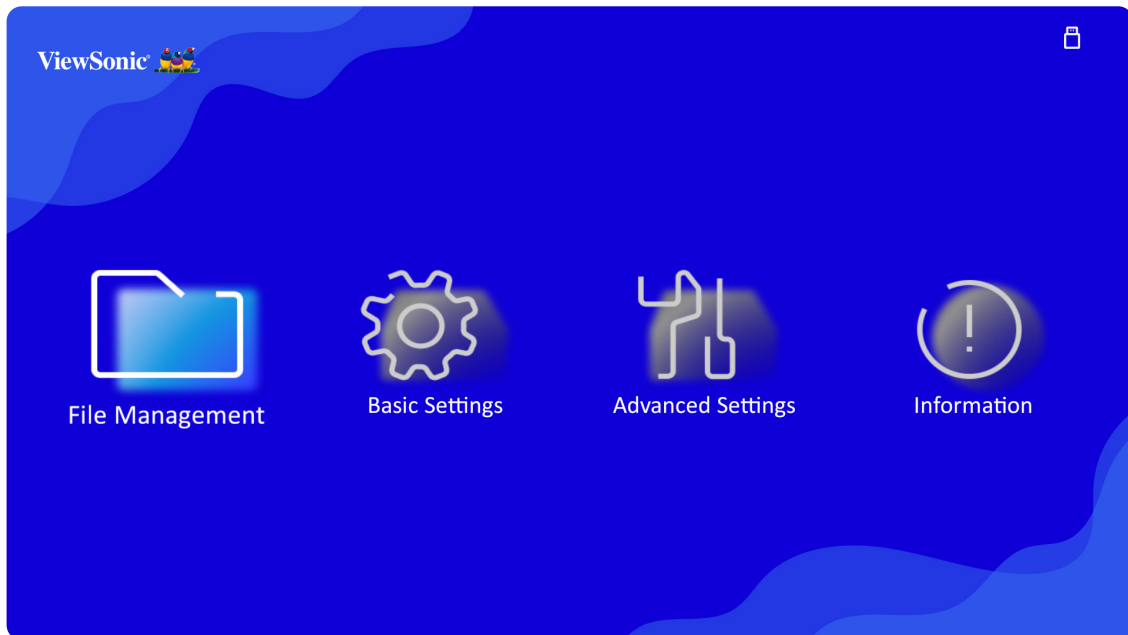
Main Menu	Sub-menu	Menu Option	
Basic Settings	Keystone	Horizontal Calibration	OK
		Auto Keystone	Disable
			Enable
		Auto Screen Fit	Disable
			Enable
		Auto Obstacle Avoidance	Disable
			Enable
		V Keystone	(-40~+40)
		H Keystone	(-40~+40)
	4 Corner	Disable	
		Enable	
	4 Corner Adjustment	OK	
	Zoom	0.8x	
		0.9x	
		1.0x	
	Focus	Manual Focus	
		Auto Focus	
	Enable		

Main Menu	Sub-menu	Menu Option		
Advanced Settings	Power On Ring Tone	Disable		
		Enable		
	Auto Power On	Disable		
		Enable		
	Smart Energy	Auto Power Off		Disable
				10 min
				20 min
				30 min
		Sleep Timer	Disable	
			30 minutes	
			1 hour	
			2 hour	
			3 hour	
			4 hour	
	Dynamic ECO	8 hour		
		12 hour		
	Audio Settings	Audio Mode	Disable	
			Enable	
Audio Volume		Movie		
		Music		
Mute	(-/+ , 0~100)			
	Disable			
Reset Settings	Enable			
Reset to Factory Default	OK			
Information	Light Source Hours			
	System Version			
	Memory Information			
	Serial Number			

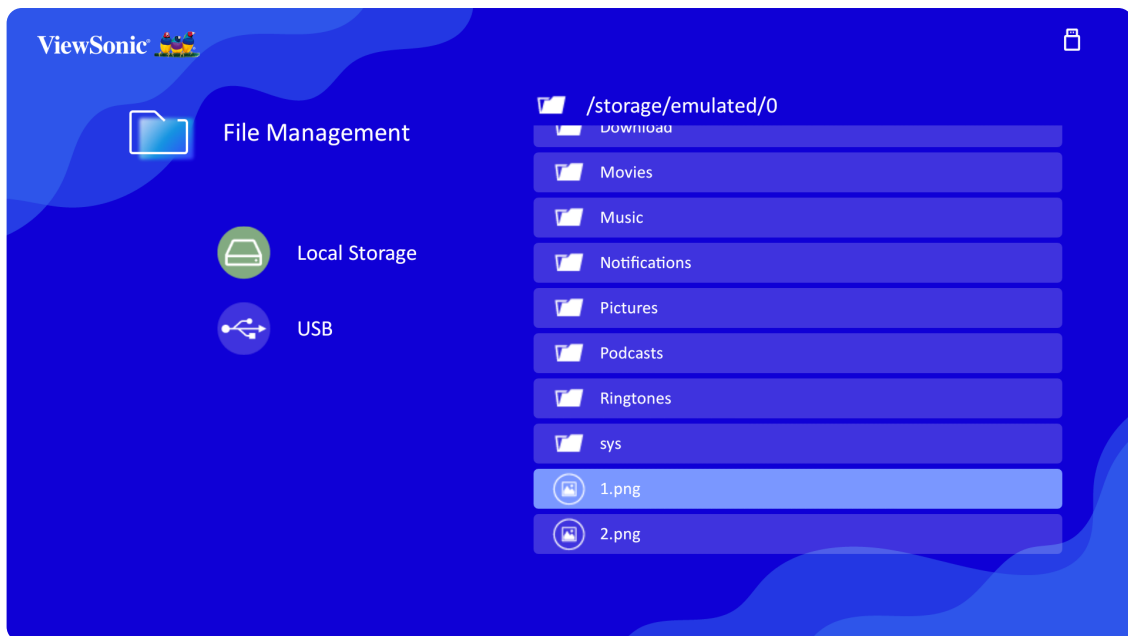
Menu Options

File Management

Easily manage files and folders.



1. Select **File Management**, then press **OK** on the remote control.
2. Select **Local Storage** or **USB**, then use the **Directional** (▲▼◀▶) buttons to select a file. Press **OK** on the remote control to open the selected file.

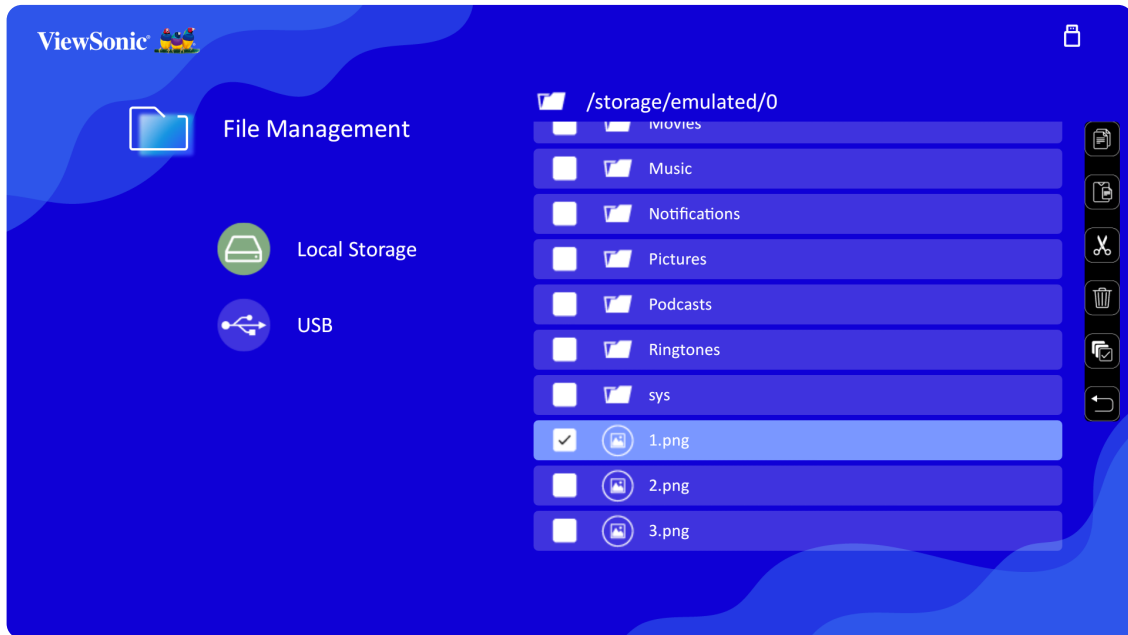


3. To go to a previous menu level, press the **Return** (↵) button on the remote control.

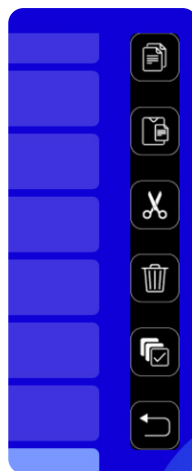
NOTE: Press the **Home** (🏠) button on the remote control to return to Home Screen at any time.

How to Edit a File

1. While in **File Management**, press and hold the **OK** button on the remote control for three seconds.
2. A check box will appear at the front of each file. Use the **Directional** (▲▼◀▶) buttons and press **OK** on the remote control to select one or more files.



3. Press the right **Directional** (▶) button to display: Copy, Paste, Cut, Delete, Select All, and Return boxes.




























4. Select the action and press **OK** on the remote control to execute it.

NOTE: If the action is copying or cutting, select a destination folder to complete the process.

How to Use the Media Control Bar Buttons

The media control bar buttons will appear on screen if a video, music, or photo file are selected to be opened.

Picture		Video		Music	
	Previous		Previous		Reverse
	Play		Reverse		Forward
	Next		Play		Previous
	Zoom in		Pause		Play
	Zoom out		Forward		Pause
	Rotate (left)		Next		Next
	Rotate (right)				Shuffle
	Information				Repeat All
					Repeat One
					Play List
					Information

Tips for Using USB

When using USB for reading and/or storage please keep in mind the following:

1. Some USB storage devices may not be compatible.
2. If you use a USB extension cable, the USB device may not recognize the USB.
3. Only use USB storage devices formatted with Windows FAT32 or NTFS file system.
4. Larger files will need extra time to load.
5. Data on USB storage devices may be damaged or lost. Back up important files.

Supported File Formats

Multimedia Formats

Extension	Type	Codec
.avi	Audio	MP3
.mp4 .m4v .mov	Video	H.264/MPEG-4
.mkv	Video	H.264
.ts	Video	H.264, MPEG-2
.trp .tp .mts .m2ts	Audio	MP3
.vob	Video	MPEG-1, MPEG-2
	Audio	DVD-LPCM
.mpg	Video	MPEG-1

Office Formats

			Items	Indicators
I.	Document Viewing Function	1	doc/docx	Able to open and read documents in doc/docx
		2	xls/xlsx	Able to open and read documents in xls/xlsx
		3	ppt/pptx	Able to open and read documents in ppt/pptx
		4	Pdf	Able to open and read documents in pdf
II.	Supporting Interface Language	1	Supporting Interface 44 languages	English, Simplified Chinese, Chinese (TW), Chinese (HK), Spanish (LA), French (EU), PT (EU), PT (BR), German, Russian, Italian, Swedish, Spanish (EU), Korean, Arabic, Farsi, Serbian, Bosnian, Macedonian, Bulgarian, Ukrainian, Greek, Norwegian, Danish, Czech, Hungarian, Slovak, Polish, Romanian, Finnish, Estonian, Latvian, Lithuanian, British English, Slovenian, Croatian, Turkish, Vietnamese, Bahasa Indonesia, Dutch, Malay, Thai, Hindi, Hebrew, Burmese, Catalan.

Photo Formats

Format	Type	Maximum Resolution
.jpg/.jpeg	Progressive JPEG	7680 x 4320
	Baseline JPEG	7680 x 4320
.bmp		9600 x 6400
.png		7680 x 4320

Supported External Connected Device Formats

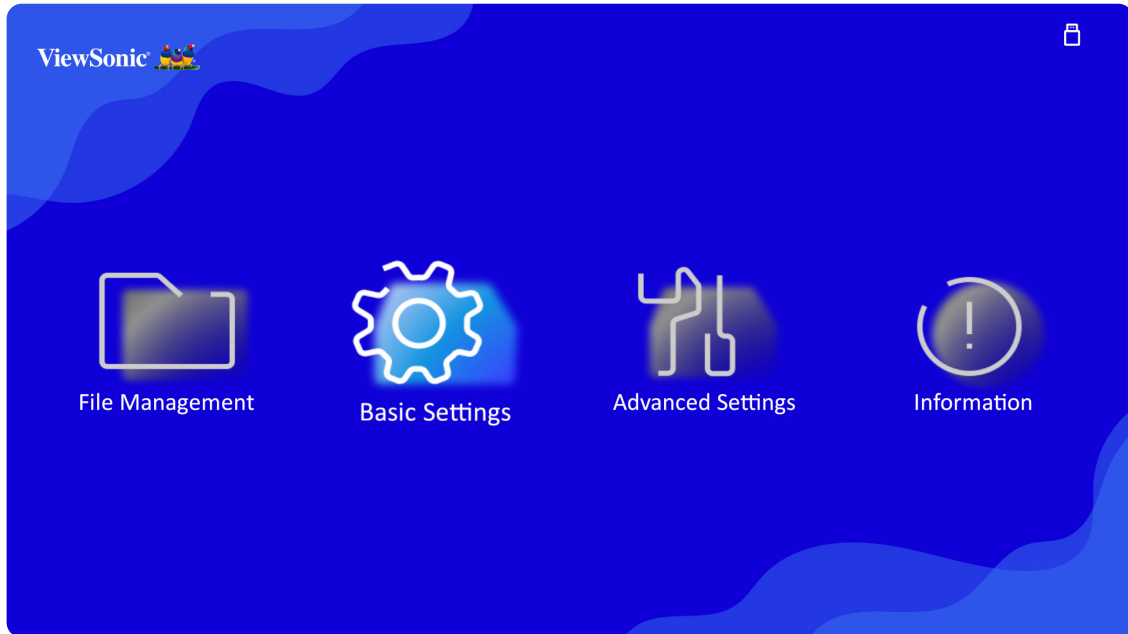
Device	Support Size (Max. Size)	NTFS Format		FAT32 Format		exFAT	
		Read	Write	Read	Write	Read	Write
USB Memory Stick	256 GB	V	N/A	V	V	N/A	N/A
USB HDD	2 TB	V	N/A	V	V	N/A	N/A

NOTE:

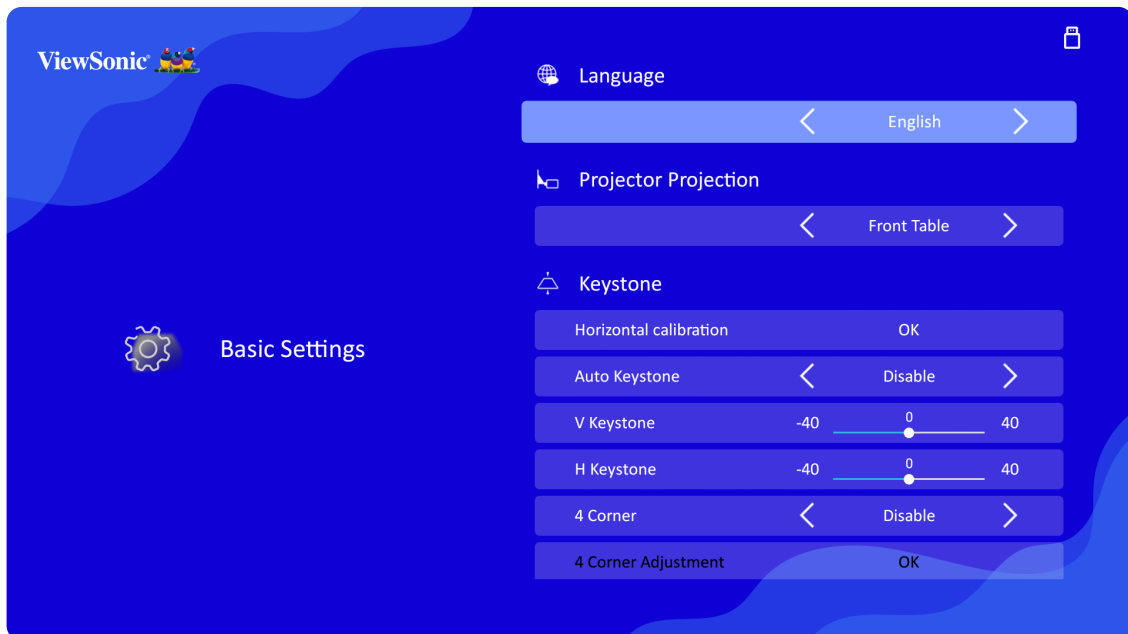
- Windows 10 built-in format tool only supports FAT32 format up to 32 GB.
- Firmware upgrade only supports FAT32 format.

Basic Settings

1. Select **Basic Settings**, then press **OK** on the remote control.



2. Press the up/down **Directional** (▲▼) buttons to select a menu. Then press the left/right **Directional** (◀▶) buttons to enter the sub-menu(s) and/or adjust the settings.

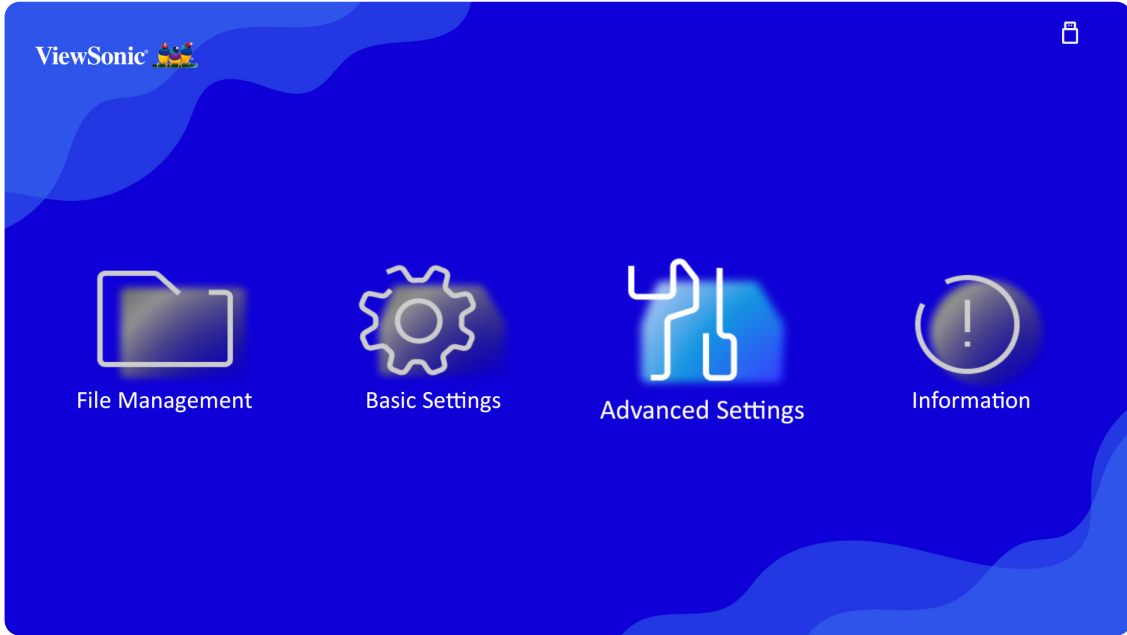


3. Press the **Return** (↵) button to go to the previous menu or exit.

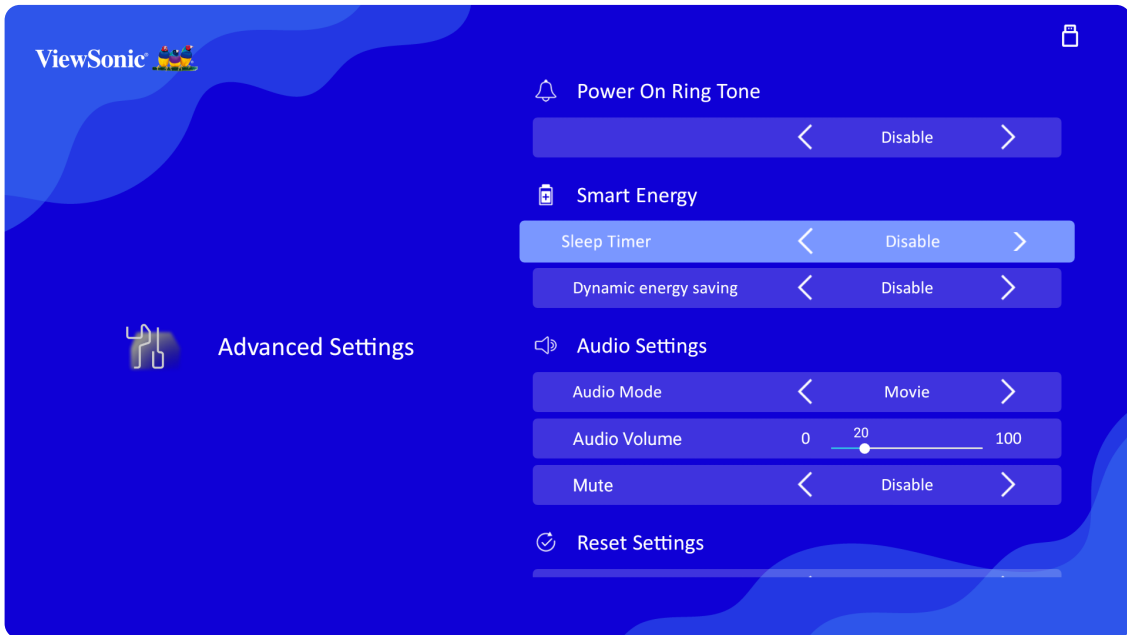
Menu	Description
Language	Select the On-Screen Display (OSD) Menu language.
Projector Position	Select the preferred projection position.
Keystone	<p>Adjust trapezoidal screen image distortion.</p> <p><u>Horizontal Calibration</u></p> <p>Test the color presentation of the projector and/or adjust the focus of the projected image.</p> <p><u>Auto Keystone</u></p> <p>If the projector tilt causes a screen distortion, this feature automatically adjusts the keystone correction number to provide a rectangular screen image.</p> <p><u>Auto Screen Fit</u></p> <p>Align the projector to the screen automatically.</p> <p><u>Auto Obstacle Avoidance</u></p> <p>When the projected image meets an obstacle, the projector automatically recognizes and scales the image to avoid it.</p> <p><u>4 Corner</u></p> <p>Enable or disable 4 Corner Adjustment.</p> <p><u>4 Corner Adjustment</u></p> <p>When enabled, adjust each corner individually for maximum projection flexibility.</p>
Zoom	Adjust the digital zoom setting.
Focus	Automatically or manually adjust the image clarity.

Advanced Settings

1. Select **Advanced Settings**, then press **OK** on the remote control.



2. Press the up/down **Directional** (▲▼) buttons to select a menu. Then press the left/right **Directional** (◀▶) buttons to enter the sub-menu(s) and/or adjust the settings.

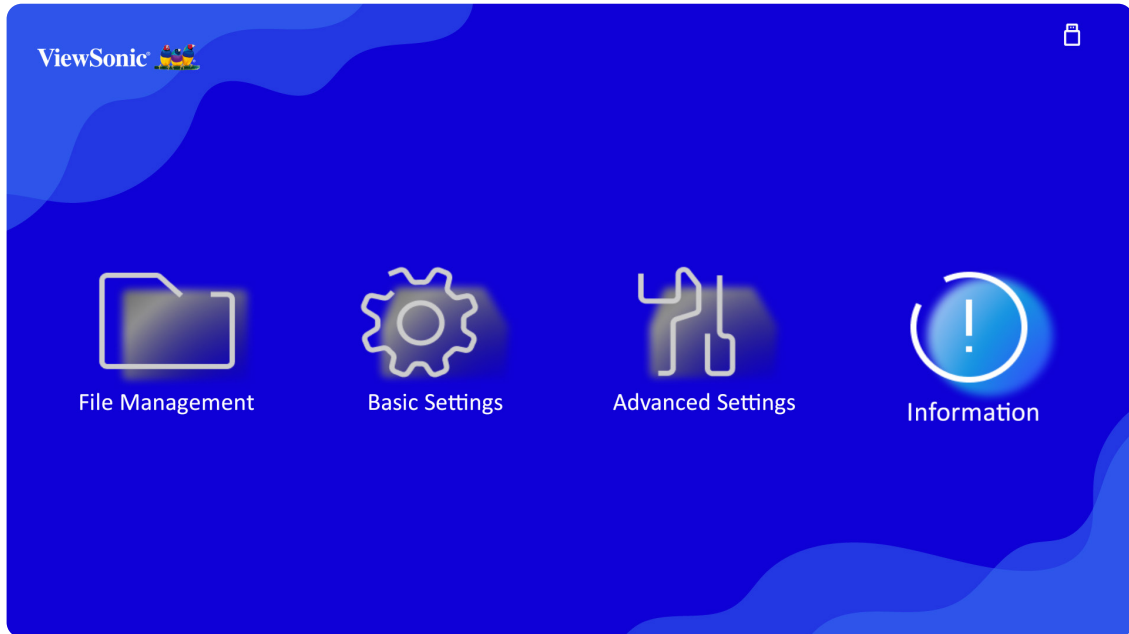


3. Press the **Return** (↵) button to go to the previous menu or exit.

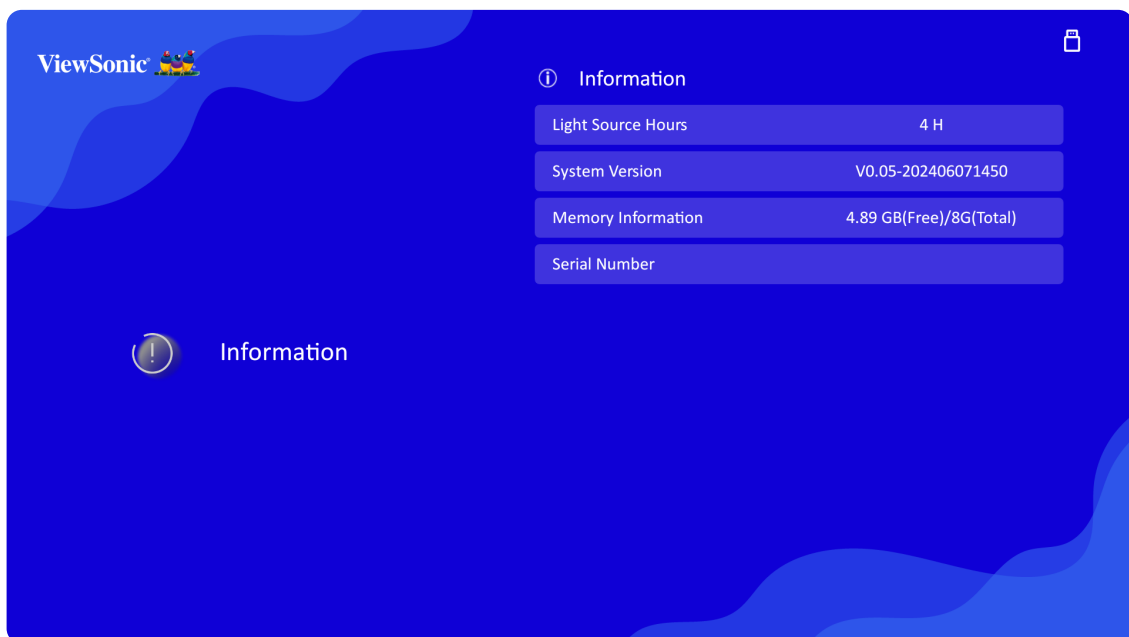
Menu	Description						
Power On Ring Tone	Enable or disable the power on ring tone.						
Auto Power On	<u>Direct Power On</u> The projector will turn on automatically when connected to a power source.						
Smart Energy	<u>Auto Power Off</u> Set an automatic shutoff time. <u>Sleep Timer</u> Turn off automatically after a set period of time. <u>Dynamic Eco</u> When enabled, energy-saving mode will turn on after a set period of time.						
Audio Settings	<u>Audio Mode</u> <table border="1" data-bbox="584 808 1441 947"> <thead> <tr> <th data-bbox="584 808 842 857">Option</th> <th data-bbox="842 808 1441 857">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="584 857 842 898">Movie</td> <td data-bbox="842 857 1441 898">Default audio mode for standard playback.</td> </tr> <tr> <td data-bbox="584 898 842 947">Music</td> <td data-bbox="842 898 1441 947">Audio mode tuned for music playback.</td> </tr> </tbody> </table> <u>Audio Volume</u> Increase or decrease the sound level. <u>Mute</u> Turn the sound off or on.	Option	Description	Movie	Default audio mode for standard playback.	Music	Audio mode tuned for music playback.
Option	Description						
Movie	Default audio mode for standard playback.						
Music	Audio mode tuned for music playback.						
Reset Settings	Reset all Basic and Advanced settings to their default values. NOTE: Language, Projector Position, Keystone, 4 Corner Adjustment, and Light Source Hours will remain unchanged.						
Reset to Factory Default	Reset all projector settings and preferences to their default values. NOTE: Light Source Hours will remain unchanged.						

Information

1. Select **Information**, then press **OK** on the remote control.



2. View system information and status.



3. Press the **Return** (↵) button to go to exit.

Appendix

Specifications

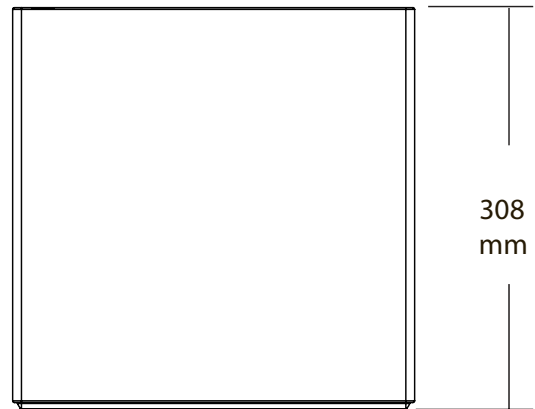
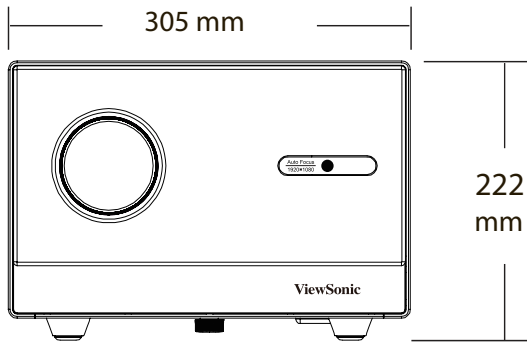
Item	Category	Specifications
Projector	Type	1LCD 1080p
	Display Size	50"~140"
	Throw Distance	2.61~2.7 m (100" 3% @ TR1.2)
	Lens	F=2.9, f=125 mm
	Optical Zoom	Fixed
	Digital Zoom	0.8x~1.0x
	Lamp Type	W-LED
	Light Source Life (Normal)	up to 20,000 hours
	Display Color	16.7 Billion Colors
	Keystone	-/+ 40 (Horizontal & Vertical)
	Projection Offset	0% ± 5%
Input Signal	HDMI	f_h : 15K~102 kHz, f_v : 23~85 Hz
Resolution	Native	1920 x 1080
	Support	640 x 480 to 1920 x 1080
Local Storage	Total	8 GB
	Available	4 GB
Input	HDMI	1 x HDMI v. 1.4, HDCP 1.4
	AV IN	1
	USB Type A	2 x USB 2.0 Reader
	Wi-Fi	1 x 5 GHz
Output	Audio Out (3.5 mm)	1
	Bluetooth	1 x BT 5.0
	Speaker	2 x 5W Cube
	USB Type A (Power)	2 x USB 2.0, 5V/1A
Power	Input Voltage	AC 100~240V, 50/60 Hz (auto switch)
Operating Conditions	Relative Humidity	0% to 85% (non-condensing)
	Temperature	0°C to 35°C 32°F to 95°F
Storage Conditions	Relative Humidity	0% to 85% (non-condensing)
	Temperature	0°C to 35°C 32°F to 95°F
Dimensions	Physical (W x H x D)	305 x 222 x 308 mm
		12" x 8.74" x 12.13"

Item	Category	Specifications
Weight	Physical	3.13 kg
		6.9 lb
Power Consumption	On ¹	180W (Typical)
	Off	< 0.5W (Standby)

¹ The test condition follows EEI standards.

Projector Dimensions

305 mm (W) x 222 mm (H) x 308 mm (D)



Timing Chart

HDMI

Timing	Resolution	Refresh Rate
SDTV (480i)	720 x 480	60 Hz
SDTV (480p)	720 x 480	60 Hz
SDTV (576i)	720 x 576	50 Hz
SDTV (576p)	720 x 576	50 Hz
HDTV (720p)	1280 x 720	50, 60 Hz
HDTV (1080p)	1920 x 1080	24, 25, 30, 50, 60 Hz
HDTV (1080i)	1920 x 1080	50, 60 Hz
VGA	640 x 480	59, 67, 72, 75, 85 Hz
720 x 400	720 x 400	70 Hz
SVGA	800 x 600	56, 60, 72, 75, 85 Hz
832 x 624	832 x 624	75 Hz
XGA	1024 x 768	60, 70, 75, 85 Hz
1024 x 576	1024 x 576	60 Hz
XGA+	1152 x 864	75 Hz
1152 x 870	1152 x 870	75 Hz
WXGA	1280 x 768	60, 75, 85 Hz
WXGA	1280 x 800	60, 75, 85 Hz
SVGA	1280 x 1024	60, 75, 85 Hz
1280 x 720	1280 x 720	120 Hz
1280 x 960	1280 x 960	60, 85 Hz
HD	1360 x 768	60 Hz
WXGA+	1440 x 900	60, 75, 85 Hz
1400 X 1050	1400 x 1050	60 Hz
1600 x 1200	1600 x 1200	60 Hz
WSXGA+	1680 x 1050	60 Hz
WUXGA	1920 x 1200	60 Hz

Troubleshooting

This section describes some common problems that you may experience when using the projector.

Problem or Issue	Possible Solutions
The projector does not turn on	<ul style="list-style-type: none">• Ensure the power cord is properly attached to the projector and to the power outlet.• If the above does not work, try another power outlet or another electrical device with the same power outlet.
There is no picture	<ul style="list-style-type: none">• Ensure the video source cable is connected properly, and that the video source is turned on.• If the input source is not selected automatically, select the correct source with the “Source Input” on either the projector or the remote control.
The image is blurred	<ul style="list-style-type: none">• Use the remote control’s autofocus button to adjust focus.• Ensure the projector and screen are aligned properly. If necessary, adjust the height of the projector as well as the projection angle and direction.
The image is reversed	<ul style="list-style-type: none">• Open the OSD Menu and go to: Projector Settings > Basic Settings and adjust the projection option.
The image is stretched when projecting a 16:9 DVD	<ul style="list-style-type: none">• When you play an anamorphic DVD or 16:9 DVD, the projector will show the best image in 16:9.• If you play a 4:3 format DVD title, please change the format as 4:3 in projector OSD Menu.• Please setup the display format as 16:9 (wide) aspect ratio on the DVD player.

Problem or Issue	Possible Solutions
The remote control does not work	<ul style="list-style-type: none"> • Ensure there are no obstacles between the remote control and projector; and that they are within range, 8 m (26 ft). • The batteries may be out of power, please check and replace if necessary.
The projector stops responding to all controls	<ul style="list-style-type: none"> • Turn off the projector and unplug the power cord. Wait at least 20 seconds then reconnect and try again.

LED Indicators

Status and Description	Power Indicator Light	
	Red	Blue
Standby State (Power cord input)	Steady Light	
Power On		Steady Light

Maintenance

General Precautions

- Make sure the projector is turned off and the power cable is unplugged from the power outlet.
- Never remove any parts from the projector. Contact ViewSonic® or a reseller when any part of the projector needs replacing.
- Never spray or pour any liquid directly onto the case.
- Handle the projector with care, as a darker-colored projector, if scuffed, may show marks more clearly than a lighter-colored projector.

Cleaning the Lens

- Use a canister of compressed air to remove dust.
- If the lens is still not clean, use lens-cleaning paper or moisten a soft cloth with lens cleaner and gently wipe the surface.

CAUTION: Never rub the lens with abrasive materials.

Cleaning the Case

- Use a soft, lint-free, dry cloth to remove dirt or dust.
- If the case is still not clean, apply a small amount of non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

CAUTION: Never use wax, alcohol, benzene, thinner, or other chemical detergents.

Storing the Projector

If you intend to store the projector for an extended period of time:

- Ensure the temperature and humidity of the storage area are within the recommend range.
- Retract the adjuster foot completely.
- Remove the batteries from the remote control.
- Pack the projector in its original packaging or equivalent.

Disclaimer

- ViewSonic® does not recommend the use of any ammonia or alcohol-based cleaners on the lens or case. Some chemical cleaners have been reported to damage the lens and/or case of the projector.
- ViewSonic® will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

Regulatory and Service Information

Compliance Information

This section addresses all connected requirements and statements regarding regulations. Confirmed corresponding applications shall refer to nameplate labels and relevant markings on the unit.

FCC Compliance Statement

This device complies with part 15 of 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. 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.

Warning: You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Industry Canada Statement

CAN ICES (B) / NMB (B)

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de classe B est conforme à la norme NMB-003 du Canada.

IC Warning Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Country Code Statement

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Pour les produits disponibles aux États-Unis/Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

IC Radiation Exposure Statement

This equipment complied with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. The device for the band 5150-5825 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps. Les dispositifs fonctionnant dans la bande 5150-5825 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage.

Operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

La bande 5 150-5 250 MHz est réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

CE Conformity for European Countries

CE The device complies with the EMC Directive 2014/30/EU and Low Voltage Directive 2014/35/EU. Ecodesign Directive 2009/125/EC and Radio Equipment Directive 2014/53/EU.

Frequency Range: 2400-2483.5MHz, 5150-5250MHz

Max Output Power: under 20dBm

The following information is only for EU-member states:

The mark shown to the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE). The mark indicates the requirement NOT to dispose of the equipment as unsorted municipal waste, but use the return and collection systems according to local law.



Declaration of RoHS2 Compliance

This product has been designed and manufactured in compliance with Directive 2011/65/EU of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS2 Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium (Cr6 ⁺)	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%
Bis (2-ethylhexyl) phthalate (DEHP)	0.1%	< 0.1%
Butyl benzyl phthalate (BBP)	0.1%	< 0.1%
Dibutyl phthalate (DBP)	0.1%	< 0.1%
Diisobutyl phthalate (DIBP)	0.1%	< 0.1%

Certain components of products as stated above are exempted under the Annex III of the RoHS2 Directives as noted below. Examples of exempted components are:

- Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes not exceeding (per lamp):
 - » Short length (500 mm): maximum 3.5 mg per lamp.
 - » Medium length (> 500 mm and 1,500 mm): maximum 5 mg per lamp.
 - » Long length (> 1,500 mm): maximum 13 mg per lamp.
- Lead in glass of cathode ray tubes.
- Lead in glass of fluorescent tubes not exceeding 0.2% by weight.
- Lead as an alloying element in aluminum containing up to 0.4% lead by weight.
- Copper alloy containing up to 4% lead by weight.
- Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
- Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

Indian Restriction of Hazardous Substances

Restriction on Hazardous Substances statement (India). This product complies with the “India E-waste Rule 2011” and prohibits use of lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers in concentrations exceeding 0.1 weight % and 0.01 weight % for cadmium, except for the exemptions set in Schedule 2 of the Rule.

Product Disposal at End of Product Life

ViewSonic® respects the environment and is committed to working and living green. Thank you for being part of Smarter, Greener Computing. Please visit the ViewSonic® website to learn more.

USA & Canada:

<https://www.viewsonic.com/us/go-green-with-viewsonic>

Europe:

<https://www.viewsonic.com/eu/environmental-social-governance/recycle>

Taiwan:

<https://recycle.moenv.gov.tw/>

For EU users, please contact us for any safety/accident issue experienced with this product:

ViewSonic Europe Limited



Haaksbergweg 75
1101 BR Amsterdam
Netherlands



+31 (0) 650608655



EPREL@viewsoniceurope.com



<https://www.viewsonic.com/eu/>

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VESA is a registered trademark of the Video Electronics Standards Association. DPMS, DisplayPort, and DDC are trademarks of VESA.

ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency (EPA).

As an ENERGY STAR® partner, ViewSonic® Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

Disclaimer: ViewSonic® Corporation shall not be liable for technical or editorial errors or omissions contained herein; nor for incidental or consequential damages resulting from furnishing this material, or the performance or use of this product.

In the interest of continuing product improvement, ViewSonic® Corporation reserves the right to change product specifications without notice. Information in this document may change without notice.

No part of this document may be copied, reproduced, or transmitted by any means, for any purpose without prior written permission from ViewSonic® Corporation.

Customer Service

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product's serial number.

Country/ Region	Website	Country/ Region	Website
Asia Pacific & Africa			
Australia	www.viewsonic.com/au/	Bangladesh	www.viewsonic.com/bd/
中国 (China)	www.viewsonic.com.cn	香港 (繁體中文)	www.viewsonic.com/hk/
Hong Kong (English)	www.viewsonic.com/hk-en/	India	www.viewsonic.com/in/
Indonesia	www.viewsonic.com/id/	Israel	www.viewsonic.com/il/
日本 (Japan)	www.viewsonic.com/jp/	Korea	www.viewsonic.com/kr/
Malaysia	www.viewsonic.com/my/	Middle East	www.viewsonic.com/me/
Myanmar	www.viewsonic.com/mm/	Nepal	www.viewsonic.com/np/
New Zealand	www.viewsonic.com/nz/	Pakistan	www.viewsonic.com/pk/
Philippines	www.viewsonic.com/ph/	Singapore	www.viewsonic.com/sg/
臺灣 (Taiwan)	www.viewsonic.com/tw/	ประเทศไทย	www.viewsonic.com/th/
Việt Nam	www.viewsonic.com/vn/	South Africa & Mauritius	www.viewsonic.com/za/
Americas			
United States	www.viewsonic.com/us	Canada	www.viewsonic.com/us
Latin America	www.viewsonic.com/la		
Europe			
Europe	www.viewsonic.com/eu/	France	www.viewsonic.com/fr/
Deutschland	www.viewsonic.com/de/	Қазақстан	www.viewsonic.com/kz/
Россия	www.viewsonic.com/ru/	España	www.viewsonic.com/es/
Türkiye	www.viewsonic.com/tr/	Україна	www.viewsonic.com/ua/
United Kingdom	www.viewsonic.com/uk/		

Limited Warranty

ViewSonic® Projector

What the warranty covers:

ViewSonic® warrants its products to be free from defects in material and workmanship, under normal use, during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic® will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

Limited Three (3) year General Warranty:

Subject to the more limited one (1) year warranty set out below, North and South America: Three (3) years warranty for all parts excluding the lamp, three (3) years for labor, and one (1) year for the original lamp from the date of the first consumer purchase.

Other regions or countries: Please check with your local dealer or local ViewSonic® office for the warranty information.

Limited One (1) year Heavy Usage Warranty:

Under heavy usage settings, where a projector's use includes more than fourteen (14) hours average daily usage, North and South America: One (1) year warranty for all parts excluding the lamp, one (1) year for labor, and ninety (90) days for the original lamp from the date of the first consumer purchase; Europe: One (1) year warranty for all parts excluding the lamp, one (1) year for labor, and ninety (90) days for the original lamp from the date of the first consumer purchase. Other regions or countries: Please check with your local dealer or local ViewSonic® office for the warranty information. Lamp warranty subject to terms and conditions, verification and approval. Applies to manufacturer's installed lamp only. All accessory lamps purchased separately are warranted for 90 days.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified, or removed.
2. Damage, deterioration, or malfunction resulting from:
 - » Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied

with the product.

- » Operation outside of product specifications.
- » Operation of the product for other than the normal intended use or not under normal conditions.
- » Repair or attempted repair by anyone not authorized by ViewSonic®.
- » Any damage of the product due to shipment.
- » Removal or installation of the product.
- » Causes external to the product, such as electric power fluctuations or failure.
- » Use of supplies or parts not meeting Viewsonic's specifications.
- » Normal wear and tear.
- » Any other cause which does not relate to a product defect.

3. Removal, installation, and set-up service charges.

How to get service:

1. For information about receiving service under warranty, contact ViewSonic® Customer Support (Please refer to the "Customer Support" page). You will need to provide your product's serial number.
2. To obtain warranted service, you will be required to provide: (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product, freight prepaid, in the original container to an authorized ViewSonic® service center or ViewSonic®.
4. For additional information or the name of the nearest ViewSonic® service center, contact ViewSonic®.

Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

Exclusion of damages:

ViewSonic's liability is limited to the cost of repair or replacement of the product. ViewSonic® shall not be liable for:

1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by any other party.

Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from local authority. Some local governments do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Sales outside the U.S.A. and Canada:

For warranty information and service on ViewSonic® products sold outside of the U.S.A. and Canada, contact ViewSonic® or your local ViewSonic® dealer.

The warranty period for this product in mainland China (Hong Kong, Macao, and Taiwan Excluded) is subject to the terms and conditions of the Maintenance Guarantee Card.

For users in Europe and Russia, full details of warranty provided can be found at: <http://www.viewsonic.com/eu/> under "Support/Warranty Information".

Mexico Limited Warranty

ViewSonic® Projector

What the warranty covers:

ViewSonic® warrants its products to be free from defects in material and workmanship, under normal use, during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, ViewSonic® will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components & accessories.

How long the warranty is effective:

3 years for all parts excluding the lamp, 3 years for labor, 1 year for the original lamp from the date of the first consumer purchase.

Lamp warranty subject to terms and conditions, verification and approval. Applies to manufacturer's installed lamp only.

All accessory lamps purchased separately are warranted for 90 days.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty excludes and does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration, or malfunction resulting from:
 - » Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, unauthorized attempted repair, or failure to follow instructions supplied with the product.
 - » Any damage of the product due to shipment.
 - » Causes external to the product, such as electrical power fluctuations or failure.
 - » Use of supplies or parts not meeting ViewSonic®'s specifications.
 - » Normal wear and tear.
 - » Any other cause which does not relate to a product defect.
3. Any product exhibiting a condition commonly known as "image burn-in" which results when a static image is displayed on the product for an extended period of time.
4. Removal, installation, insurance, and set-up service charges.

How to get service:

For information about receiving service under warranty, contact ViewSonic® Customer Support (Please refer to the attached “Customer Service” page). You will need to provide your product’s serial number, so please record the product information in the space provided below on your purchase for your future use. Please retain your receipt of proof of purchase to support your warranty claim.

For Your Records

Product Name: _____ Model Number: _____

Document Number: _____ Serial Number: _____

Purchase Date: _____ Extended Warranty Purchase? _____ (Y/N)

If so, what date does warranty expire? _____

1. To obtain warranty service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
2. Take or ship the product, in the original container packaging, to an authorized ViewSonic® service center.
3. Round trip transportation costs for in-warranty products will be paid by ViewSonic®.

Limitation of implied warranties:

There are no warranties, express or implied, which extend beyond the description contained herein including the implied warranty of merchantability and fitness for a particular purpose.

Exclusion of damages:

ViewSonic®’s liability is limited to the cost of repair or replacement of the product. ViewSonic® shall not be liable for:

1. Damage to other property caused by any defects in the product, damages based upon inconvenience, loss of use of the product, loss of time, loss of profits, loss of business opportunity, loss of goodwill, interference with business relationships, or other commercial loss, even if advised of the possibility of such damages.
2. Any other damages, whether incidental, consequential or otherwise.
3. Any claim against the customer by any other party.
4. Repair or attempted repair by anyone not authorized by ViewSonic®.

Contact Information for Sales & Authorized Service (Centro Autorizado de Servicio) within Mexico:	
<p align="center">Name, address, of manufacturer and importers: México, Av. de la Palma #8 Piso 2 Despacho 203, Corporativo Interpalmas, Col. San Fernando Huixquilucan, Estado de México Tel: (55) 3605-1099 http://www.viewsonic.com/la/soporte/index.htm</p>	
NÚMERO GRATIS DE ASISTENCIA TÉCNICA PARA TODO MÉXICO: 001.866.823.2004	
<p>Hermosillo: Distribuciones y Servicios Computacionales SA de CV. Calle Juarez 284 local 2 Col. Bugambilias C.P: 83140 Tel: 01-66-22-14-9005 E-Mail: disc2@hmo.megared.net.mx</p>	<p>Villahermosa: Compumantenimientos Garantizados, S.A. de C.V. AV. GREGORIO MENDEZ #1504 COL, FLORIDA C.P. 86040 Tel: 01 (993) 3 52 00 47 / 3522074 / 3 52 20 09 E-Mail: compumantenimientos@prodigy.net.mx</p>
<p>Puebla, Pue. (Matriz): RENTA Y DATOS, S.A. DE C.V. Domicilio: 29 SUR 721 COL. LA PAZ 72160 PUEBLA, PUE. Tel: 01(52).222.891.55.77 CON 10 LINEAS E-Mail: datos@puebla.megared.net.mx</p>	<p>Veracruz, Ver.: CONEXION Y DESARROLLO, S.A DE C.V. Av. Americas # 419 ENTRE PINZÓN Y ALVARADO Fracc. Reforma C.P. 91919 Tel: 01-22-91-00-31-67 E-Mail: gacosta@qplus.com.mx</p>
<p>Chihuahua: Soluciones Globales en Computación C. Magisterio # 3321 Col. Magisterial Chihuahua, Chih. Tel: 4136954 E-Mail: Cefeo@soluglobales.com</p>	<p>Cuernavaca: Compusupport de Cuernavaca SA de CV Francisco Leyva # 178 Col. Miguel Hidalgo C.P. 62040, Cuernavaca Morelos Tel: 01 777 3180579 / 01 777 3124014 E-Mail: aquevedo@compusupportcva.com</p>
<p>Distrito Federal: QPLUS, S.A. de C.V. Av. Coyoacán 931 Col. Del Valle 03100, México, D.F. Tel: 01(52)55-50-00-27-35 E-Mail : gacosta@qplus.com.mx</p>	<p>Guadalajara, Jal.: SERVICRECE, S.A. de C.V. Av. Niños Héroes # 2281 Col. Arcos Sur, Sector Juárez 44170, Guadalajara, Jalisco Tel: 01(52)33-36-15-15-43 E-Mail: mmiranda@servicrece.com</p>
<p>Guerrero Acapulco: GS Computación (Grupo Sesiscomp) Progreso #6-A, Colo Centro 39300 Acapulco, Guerrero Tel: 744-48-32627</p>	<p>Monterrey: Global Product Services Mar Caribe # 1987, Esquina con Golfo Pérsico Fracc. Bernardo Reyes, CP 64280 Monterrey N.L. México Tel: 8129-5103 E-Mail: aydeem@gps1.com.mx</p>
<p>MÉRIDA: ELECTROSER Av Reforma No. 403Gx39 y 41 Mérida, Yucatán, México CP97000 Tel: (52) 999-925-1916 E-Mail: rrrb@sureste.com</p>	<p>Oaxaca, Oax.: CENTRO DE DISTRIBUCION Y SERVICIO, S.A. de C.V. Murguía # 708 P.A., Col. Centro, 68000, Oaxaca Tel: 01(52)95-15-15-22-22 Fax: 01(52)95-15-13-67-00 E-Mail: gpotai2001@hotmail.com</p>
<p>Tijuana: STD Av Ferrocarril Sonora #3780 L-C Col 20 de Noviembr Tijuana, Mexico</p>	<p>FOR USA SUPPORT: ViewSonic® Corporation 381 Brea Canyon Road, Walnut, CA. 91789 USA Tel: 800-688-6688 E-Mail: http://www.viewsonic.com</p>

