



LSD500-4K

LS740-4K

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 of our website.

Model Number : VS21224

Product Name : LSD500-4K | LS740-4K

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

Read these instructions carefully, keep them in a safe place, and follow all warnings and instructions.

General Safety Precautions

- During normal operation, warm air and a slight odor may come from the ventilation.
- When using the projector, avoid direct exposure to the projector's exhaust vent.
- Keep the remote control or loose batteries away from children or pets.

Installation

- Follow the manufacturer's recommended installation guidelines to ensure safe and optimal operation.
- Leave at least 50 cm (20 in.) of open space 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 any heavy objects on the projector or cables.
- Do not place the projector in an unstable location. The projector may fall, resulting in injury or damage.
- Do not stand the projector upright. The projector may fall, resulting in injury or damage.
- Do not use the projector near open flames, sparks, or hot surfaces.
- Do not use the projector near water or in humid conditions and avoid exposing it to rain or moisture.
- Do not expose the projector to direct sunlight or other sources of sustained heat.
- Always route and manage cables connected to your projector to prevent tripping, pulling, or grabbing.
- The projector is designed to operate at 120/240V AC. Unstable voltages can harm the projector. Use a power stabilizer, surge protector, or UPS in areas with frequent power cuts or surges.

Power Cord Safety

- Do not compress the power cord, particularly at the plug and at the point where it connects to the projector.
- Do not use the projector if the power cord or plug is damaged.
- The power cord is designed with a grounding prong to ensure safe operation. Do not remove or damage the grounding prong.
- Only use the original power cord and do not use damaged or modified cords.
- Unplug the projector when it will be unused for long periods of time.

Handling

- When moving the projector, handle it with care to avoid damage or injury.
- Only use attachments and accessories specifically designed and approved by the manufacturer to ensure compatibility and safety.

Troubleshooting

- If smoke appears, an abnormal noise, or a strange odor is present, immediately turn the projector off and contact your reseller or ViewSonic. It is dangerous to continue using the projector.
- Refer all servicing to qualified service personnel.
- Do not disassemble the projector. It contains electrical components that can cause shock.

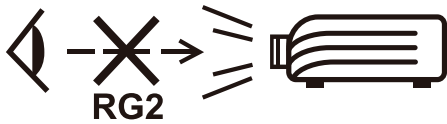
Lens Safety

- When using the projector, avoid looking directly at the projector lens.
- Avoid blocking the projection lens when using the projector, as this can cause objects to overheat and potentially ignite.
- When using the projector, make sure the lens shutter is open and the lens cap is removed.

Ceiling Mounting

- Use a compatible ceiling mount kit and ensure secure installation for safe operation.
- Improper ceiling mount kits can lead to projector falls due to incorrect screw size or length.
- Ceiling mounting is recommended to place the projector above the eyes of children.

Caution



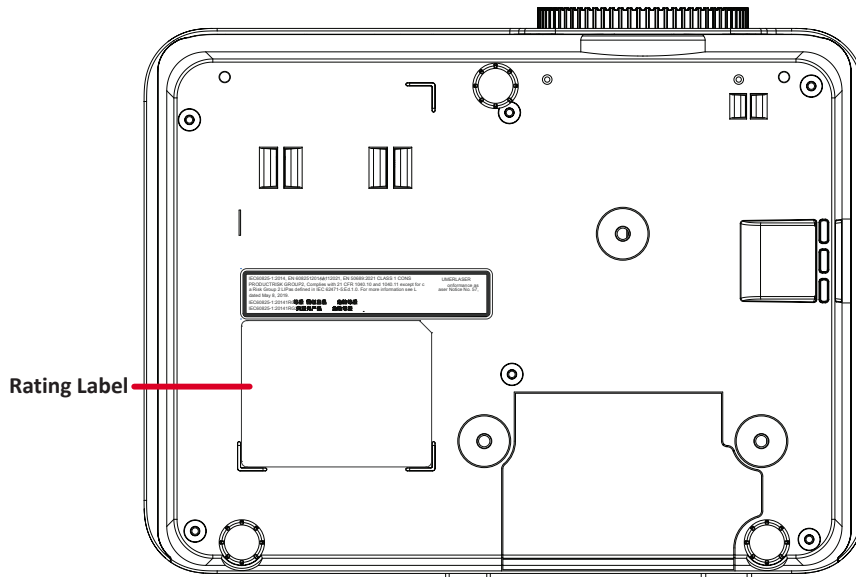
Possibly hazardous optical radiation is emitted from this product. As with any bright light source, do not stare into the beam, RG2 IEC 62471-5:2015. Additional warning against eye exposure for close exposures less than 1 m (3.28 ft).

Laser Caution

This product belongs to CLASS I laser product and complies with IEC 60825-1:2014, EN 60825-1:2014/A11:2021, EN 50689:2021. CLASS 1 CONSUMER LASER PRODUCT EN50689:2021.

IEC 60825-1:2014, EN 60825-1:2014+A11:2021, EN 50689:2021 CLASS 1 CONSUMER LASER
PRODUCT RISK GROUP 2, Complies with 21 CFR 1040.10 and 1040.11 except for conformance as
a Risk Group 2 LIP as defined in IEC 62471-5:Ed.1.0. For more information see Laser Notice No. 57,
dated May 8, 2019.
IEC 60825-1:2014 等級1雷射產品RG2危險等級
IEC 60825-1:2014 1類激光產品RG2危險等級

The above laser cautions are located on the bottom of this projector.



- Notice is given to supervise children and to never allow them to stare into the projector beam at any distance from the projector.
- Notice is given to use caution when using the remote control for starting the projector while in front of the projection lens.
- Notice is given to the user to avoid the use of optical aids such as binoculars or telescopes inside the beam.

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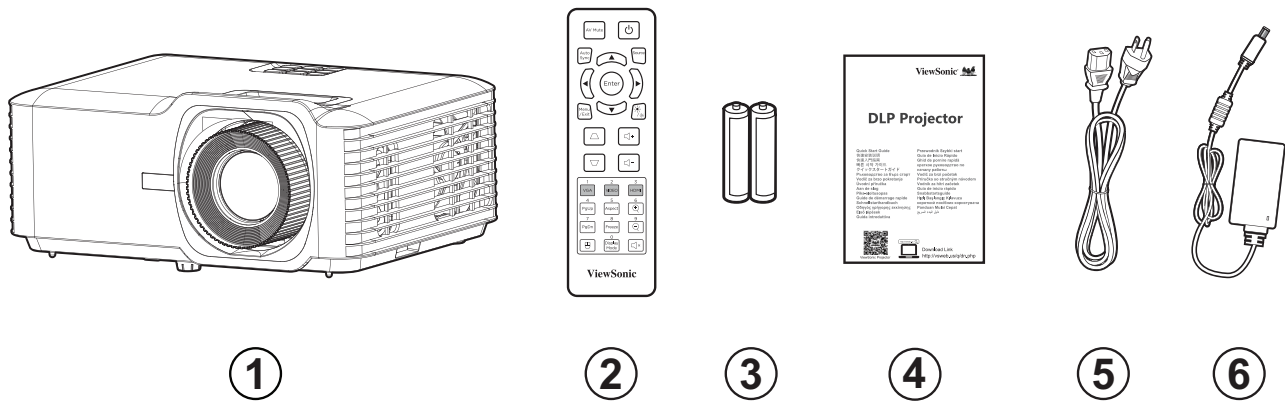
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Introduction

Package Contents

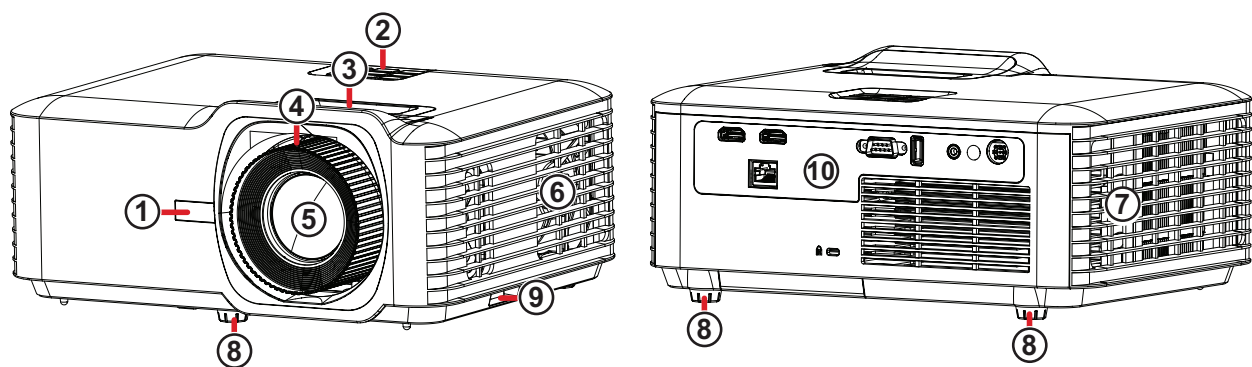


Number	Item
1	Projector
2	Remote Control
3	Batteries
4	Quick Start Guide
5	Power Cord
6	Power Adapter

Note: The cables and remote control may vary depending on the region or country you purchased the product.

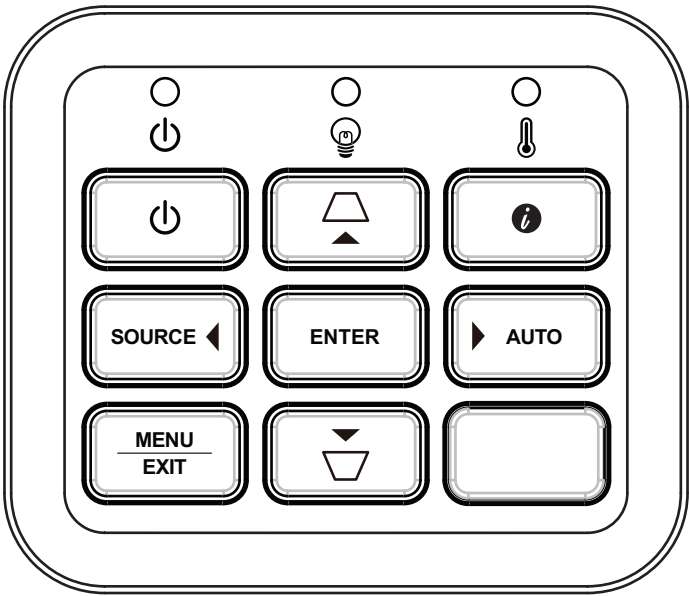
Projector

Overview



Number	Part
1	Remote Control IR Receiver
2	Keypad and Indicator Lights
3	Zoom Ring
4	Focus Ring
5	Projection Lens
6	Vent
7	Vent
8	Adjustable Feet
9	Security Bar
10	I/O Ports

Keypad

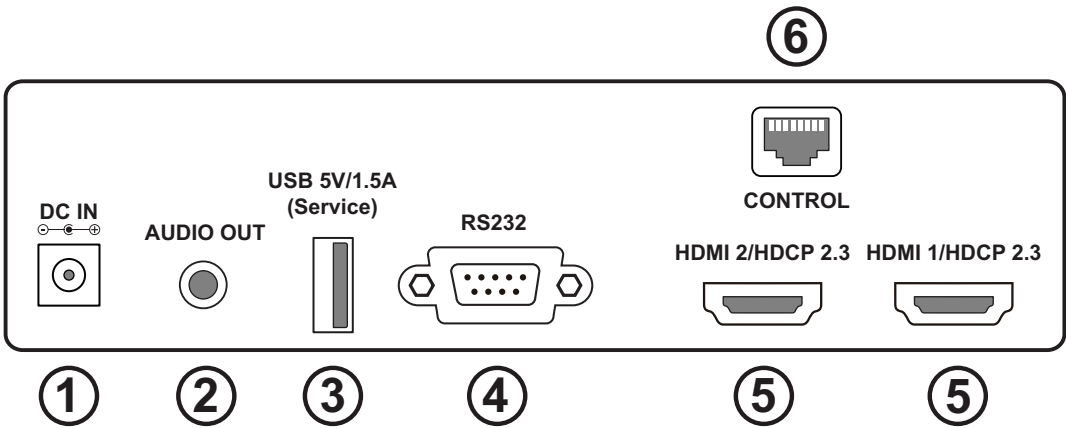


Button		Description
	Power	Turns the projector on and off.
	Keystone	Corrects distorted images.
	Navigation	Selects an item or adjusts the value in the menu.
	Menu	Opens the On-Screen Display Menu.
	Exit	Closes the On-Screen Display Menu.
SOURCE	Source	Opens the input source menu.
	Information	Opens the Information menu.
ENTER	Enter	Confirms the selected item.
AUTO	Auto	Selects the best resolution and timing for the projected image.

Indicator Lights

Indicator Light	Description
	Power indicator light
	Light source indicator light
	Temperature indicator light

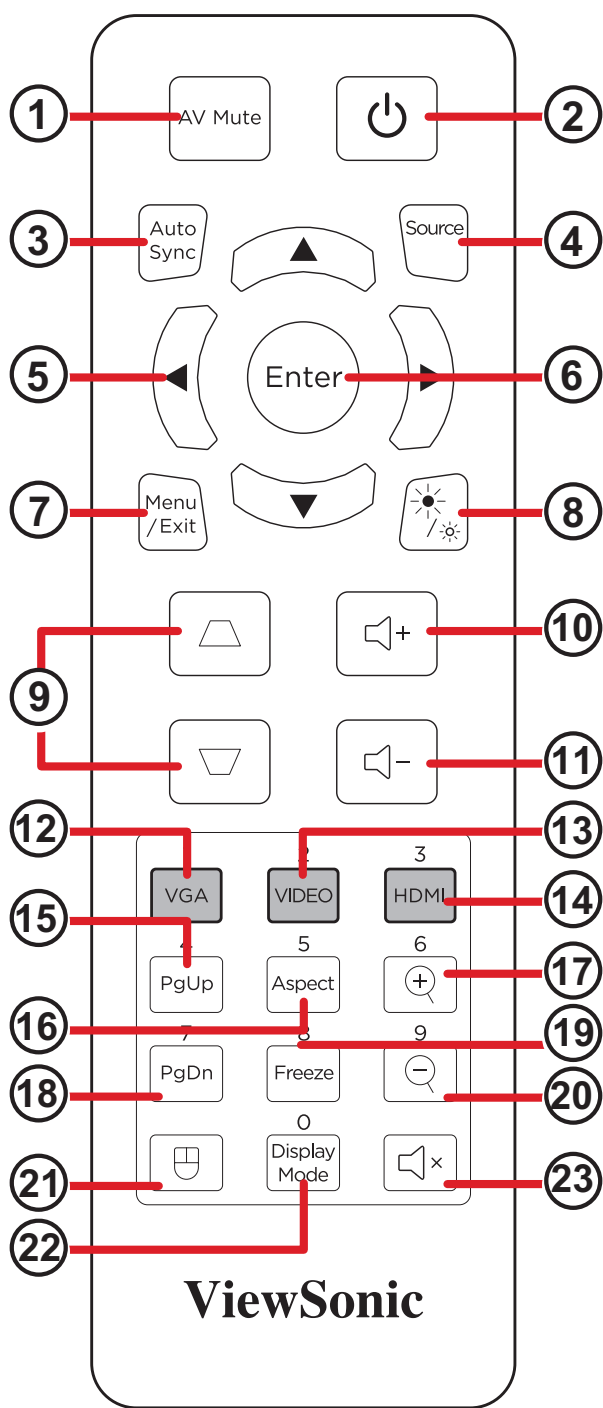
I/O Ports



Connection Type		Usage
1	DC IN	For powering the projector.
2	Audio Out	For use with external speakers.
3	USB Type A	For servicing and powering devices.
4	RS-232	For remote operation of the projector's power, volume, input selection, brightness, and other functions from an external computer.
5	HDMI	HDMI v. 2.0 that supports HDCP 2.3 for audio/video projection.
6	RJ45	For network remote operation.

Remote Control

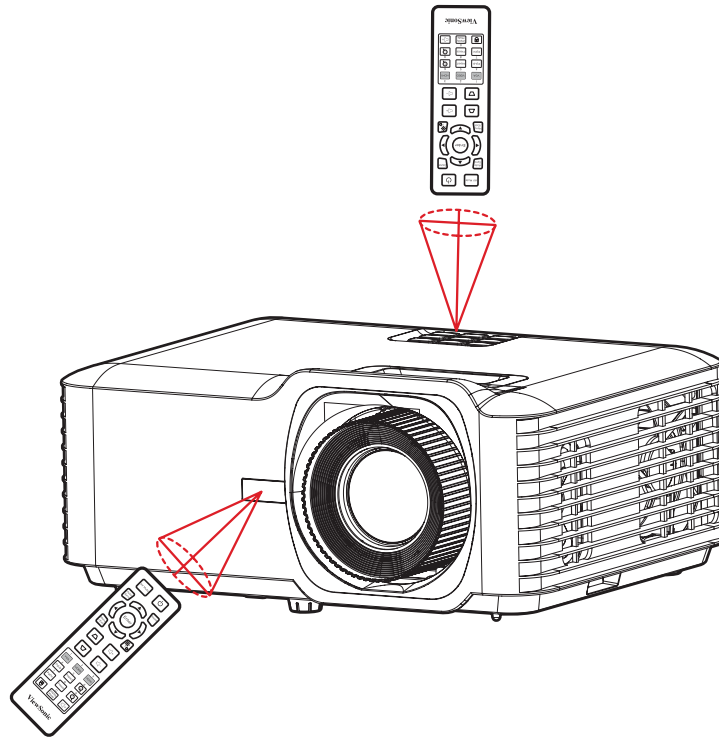
Overview



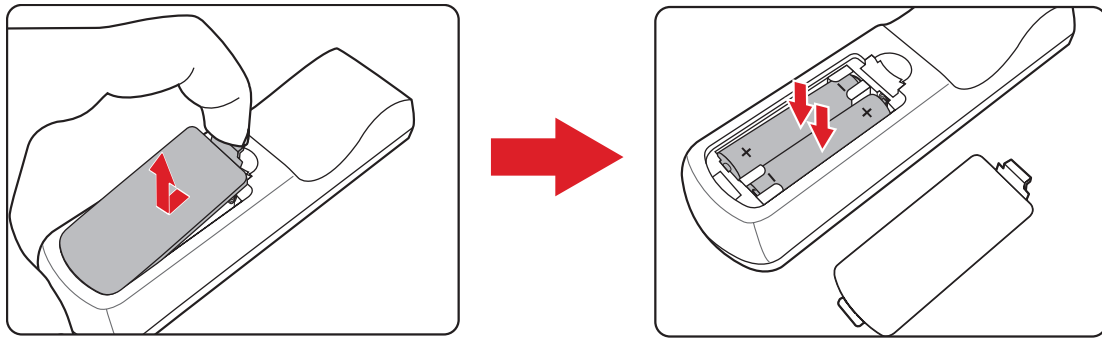
Button			Description
1		AV Mute	Hides the projected image and mutes the volume.
2		Power	Turns the projector on and off.
3		Auto Sync	Selects the best resolution and timing for the projected image.
4		Source	Opens the input source menu.
5		Navigation	Selects an item or adjusts the value in the menu.
6		Enter	Confirms the selected item.
7		Menu	Opens the On-Screen Display Menu.
		Exit	Closes the On-Screen Display Menu.
8		Brightness	Opens the Light Source Mode menu.
9		Keystone	Corrects distorted images.
10		Volume Up	Increases the volume level.
11		Volume Down	Decreases the volume level.
12		VGA	<i>This button is unsupported.</i>
13		Video	<i>This button is unsupported.</i>
14		HDMI	Sets HDMI as the input source.
15		Page Up	<i>This button is unsupported.</i>
16		Aspect	Opens the Aspect Ratio menu.
17		Zoom In	Increases the projected image's size.
18		Page Down	<i>This button is unsupported.</i>
19		Freeze	Holds the projected image.
20		Zoom Out	Decreases the projected image's size.
21		Mouse Mode	<i>This button is unsupported.</i>
22		Display Mode	Opens the Color Mode menu.
23		Mute	Stops audio output.

Receiver Range

For optimal performance, aim the remote control directly at the IR receiver. The maximum operation range is 8 m (26 ft) with a horizontal and vertical field of view of ± 30 degrees.



Installing the Batteries



1. Open the battery compartment by removing the battery cover.
2. Insert two AAA batteries, ensuring correct polarity.
3. Replace the battery cover and press it down until it clicks into place.

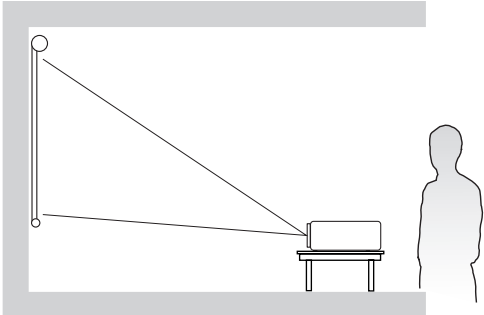
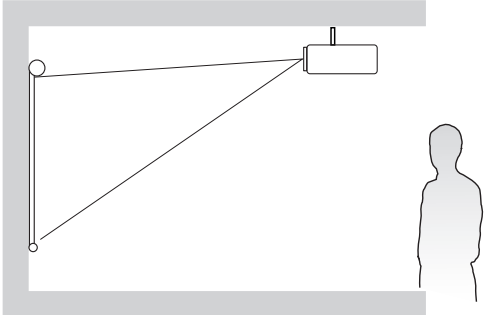
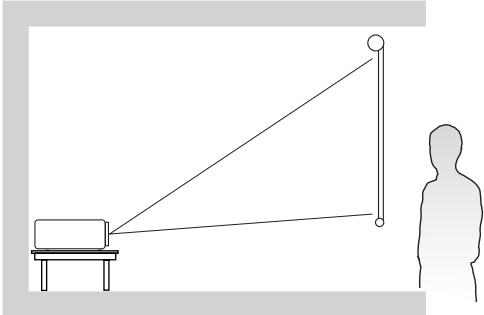
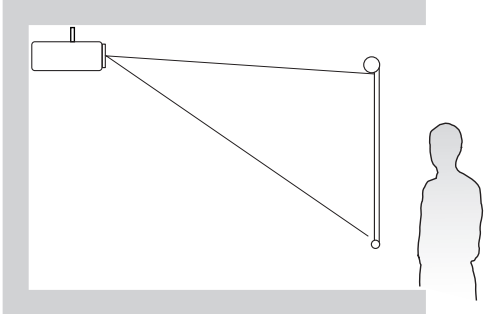
Note:

- Store the remote control and batteries away from heat and humidity.
- Use only recommended battery types.
- Remove batteries when not in use for extended periods.
- Dispose of old batteries following the manufacturer's instructions and local regulations.

Initial Setup

Positioning the Projector

The projector can be positioned either in front of or behind the screen. Alternatively, it can be mounted on the ceiling.

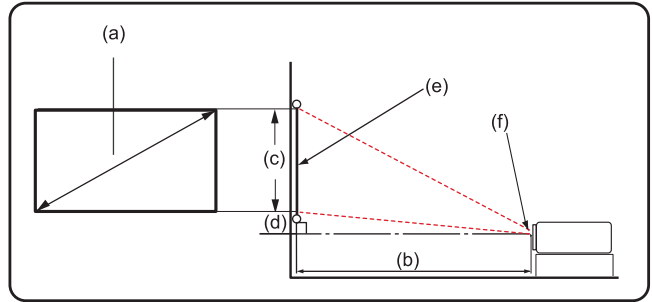
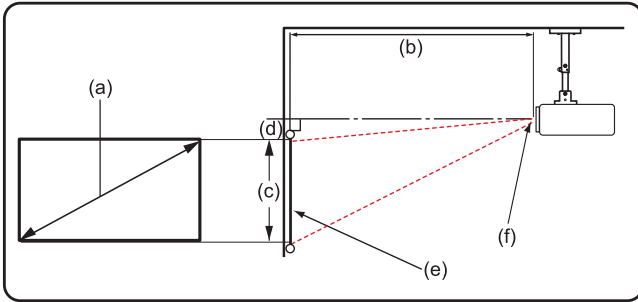
Position	Description
DeskFront	 A diagram showing a projector on a desk in front of a screen. The projector is on the left, and the screen is on the right. A person is standing to the right of the screen. Lines from the projector's lens show the projection area on the screen.
CeilingFront	 A diagram showing a projector mounted on the ceiling in front of a screen. The projector is on the left, and the screen is on the right. A person is standing to the right of the screen. Lines from the projector's lens show the projection area on the screen.
DeskRear ¹	 A diagram showing a projector on a desk behind a screen. The projector is on the left, and the screen is on the right. A person is standing to the right of the screen. Lines from the projector's lens show the projection area on the screen.
CeilingRear ¹	 A diagram showing a projector mounted on the ceiling behind a screen. The projector is on the left, and the screen is on the right. A person is standing to the right of the screen. Lines from the projector's lens show the projection area on the screen.

¹ – A rear projection screen is required.

Projection Dimensions

Use the tables below to determine the recommended projector-to-screen distance for your desired image height.

16:9 Image on a 16:9 Screen



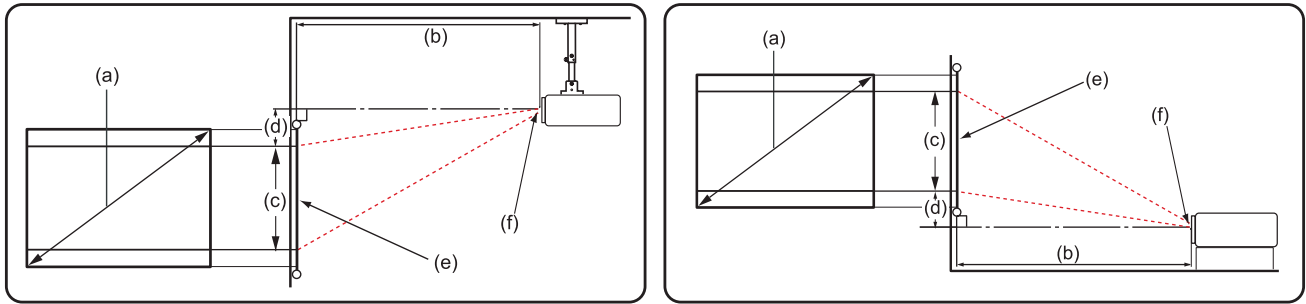
Note: (e) = Screen / (f) = Center of Lens

(a) Screen Size		(b) Projection Distance				(c) Image Height		(d) Vertical Offset	
		Minimum		Maximum					
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
30	762	36.61	930	58.57	1488	14.71	374	2.35	60
40	1016	48.81	1240	78.09	1984	19.61	498	3.14	80
50	1270	61.01	1550	97.62	2479	24.51	623	3.92	100
60	1524	73.21	1860	117.14	2975	29.42	747	4.71	120
70	1778	85.41	2170	136.66	3471	34.32	872	5.49	139
80	2032	97.62	2479	156.19	3967	39.22	996	6.28	159
90	2286	109.82	2789	175.71	4463	44.12	1121	7.06	179
100	2540	122.02	3099	195.23	4959	49.03	1245	7.84	199
110	2794	134.22	3409	214.76	5455	53.93	1370	8.63	219
120	3048	146.42	3719	234.28	5951	58.83	1494	9.41	239
130	3302	158.63	4029	253.80	6447	63.73	1619	10.20	259
140	3556	170.83	4339	273.33	6942	68.64	1743	10.98	279
150	3810	183.03	4649	292.85	7438	73.54	1868	11.77	299
200	5080	244.04	6199	390.47	9918	98.05	2491	15.69	398
250	6350	305.05	7748	488.08	12397	122.57	3113	19.61	498
300	7620	366.06	9298	585.70	14877	147.08	3736	23.53	598

Note:

- These figures are for reference purposes only when setting up the projector.
- For optimal results, test the projector's image size and distance before permanent installation.

16:9 Image on a 4:3 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
30	762	33.60	853	53.76	1366	13.50	343	2.16	55
40	1016	44.80	1138	71.68	1821	18.00	457	2.88	73
50	1270	56.00	1422	89.60	2276	22.50	572	3.60	91
60	1524	67.20	1707	107.52	2731	27.00	686	4.32	110
70	1778	78.40	1991	125.44	3186	31.50	800	5.04	128
80	2032	89.60	2276	143.36	3641	36.00	914	5.76	146
90	2286	100.80	2560	161.28	4097	40.50	1029	6.48	165
100	2540	112.00	2845	179.20	4552	45.00	1143	7.20	183
110	2794	123.20	3129	197.12	5007	49.50	1257	7.92	201
120	3048	134.40	3414	215.04	5462	54.00	1372	8.64	219
130	3302	145.60	3698	232.96	5917	58.50	1486	9.36	238
140	3556	156.80	3983	250.88	6372	63.00	1600	10.08	256
150	3810	168.00	4267	268.80	6828	67.50	1715	10.80	274
200	5080	224.00	5690	358.40	9103	90.00	2286	14.40	366
250	6350	280.00	7112	448.00	11379	112.50	2858	18.00	457
300	7620	336.00	8534	537.60	13655	135.00	3429	21.60	549

Note:

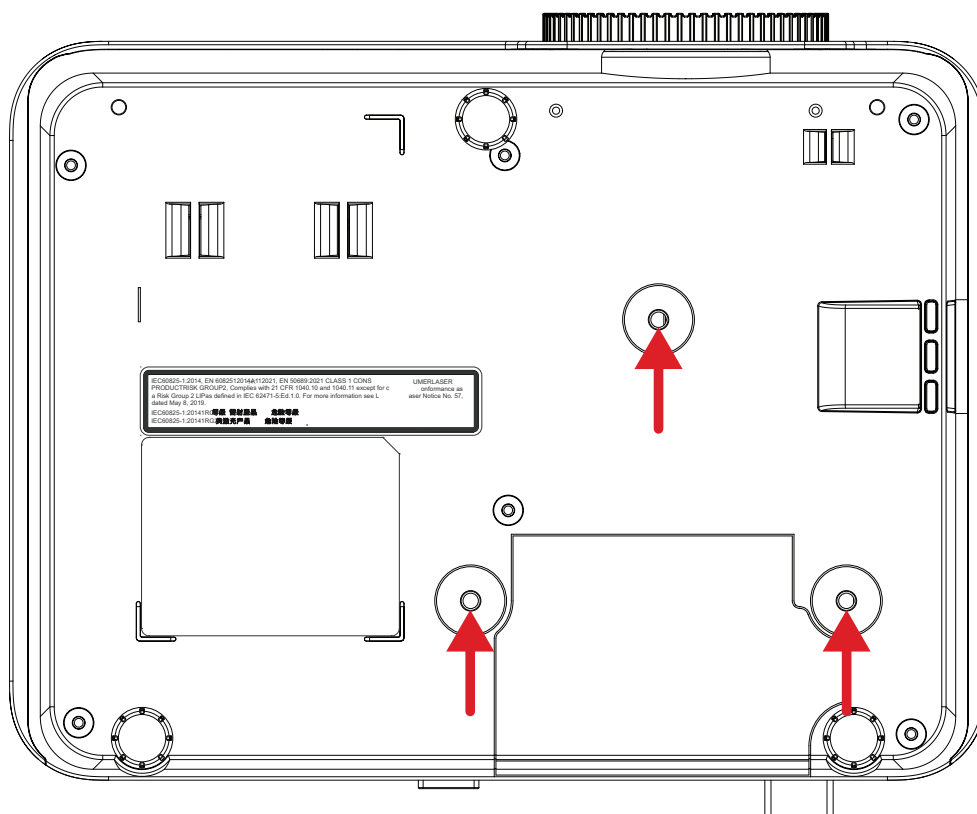
- These figures are for reference purposes only when setting up the projector.
- For optimal results, test the projector's image size and distance before permanent installation.

Mounting the Projector

When mounting the projector:

- For optimal compatibility, please use a ViewSonic mount.
- When using a third-party mount, please note that screw sizes may vary depending on the mounting plate thickness.
- Use screws that meet the below specifications to ensure a secure attachment.

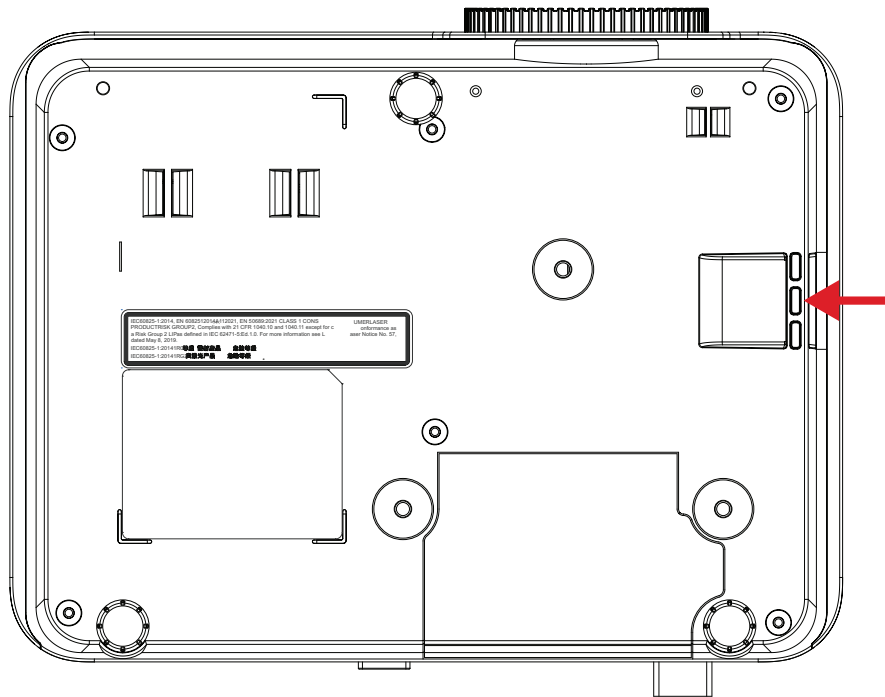
Screw Type	Maximum Screw Length
M4 x 8	8 mm



Important: Do not install the projector near a heat source or air conditioner.

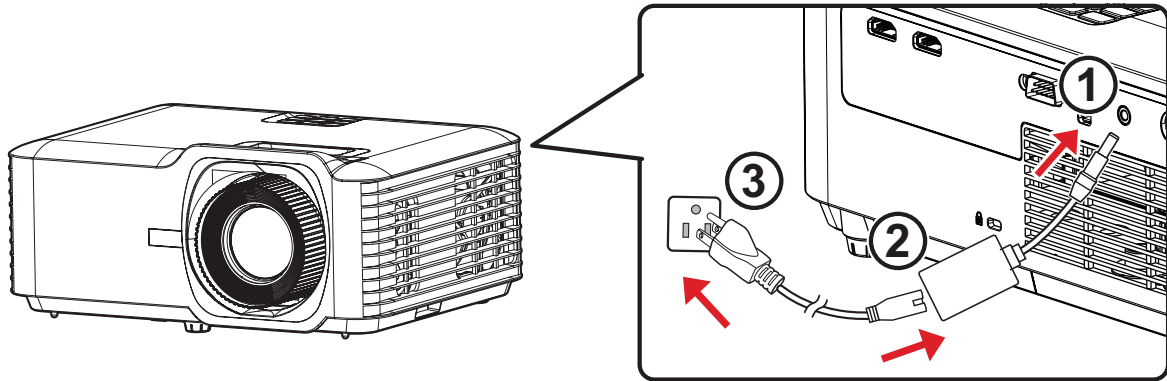
Using the Security Bar

To help prevent the projector from falling or being stolen, use a locking device to secure the projector to a fixed object.



Making Connections

Connecting to Power



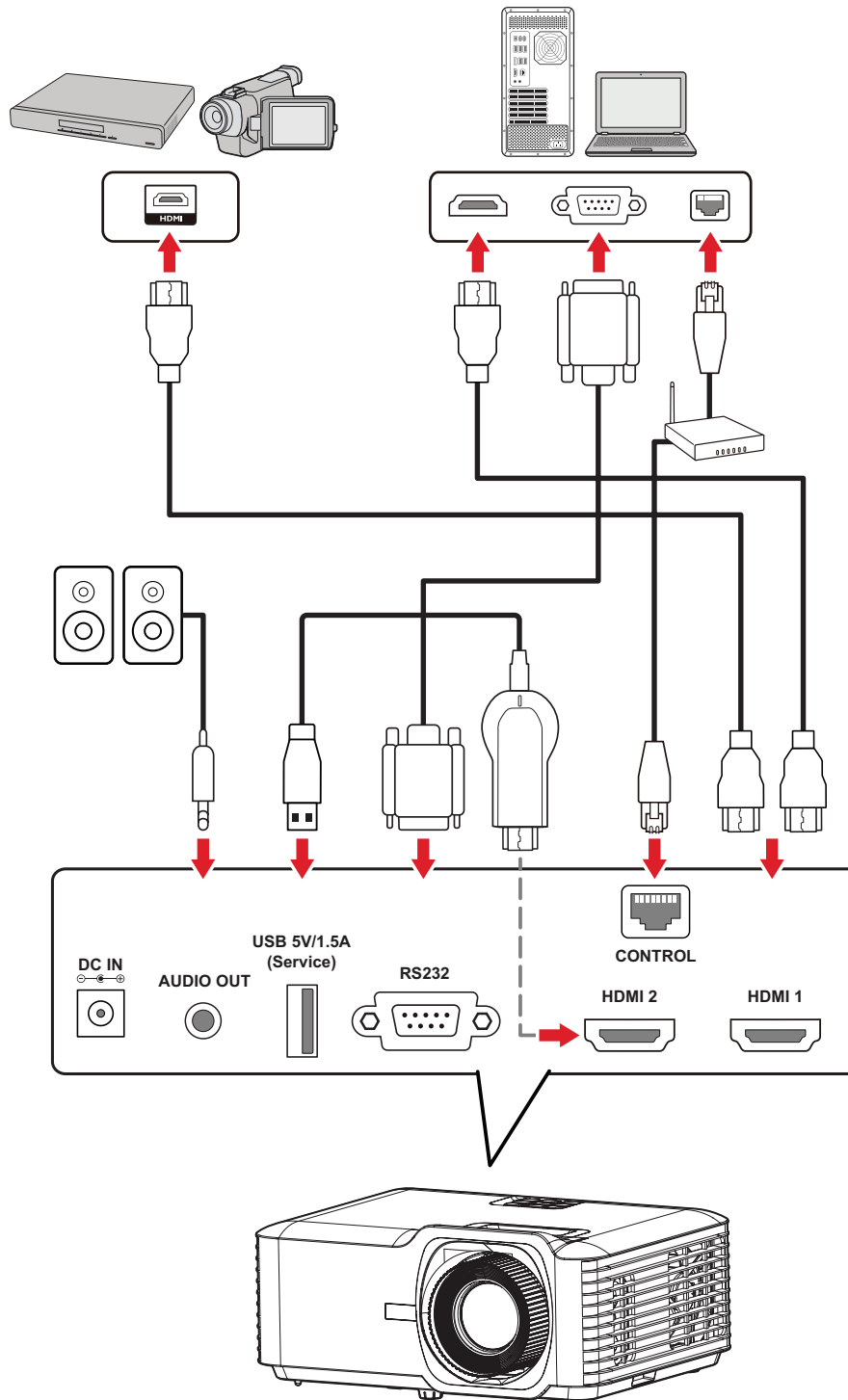
1. Connect the power adapter to the **DC IN** jack at the rear of the projector.
2. Connect the power adapter to the power cord.
3. Plug the power cord into a power outlet.

Note: When installing the projector, place a convenient disconnect device in the wiring or connect the power cord to an easily accessible outlet. In case of any issues, use this device or unplug the power cord to shut off the power supply immediately.

Connecting to External Devices

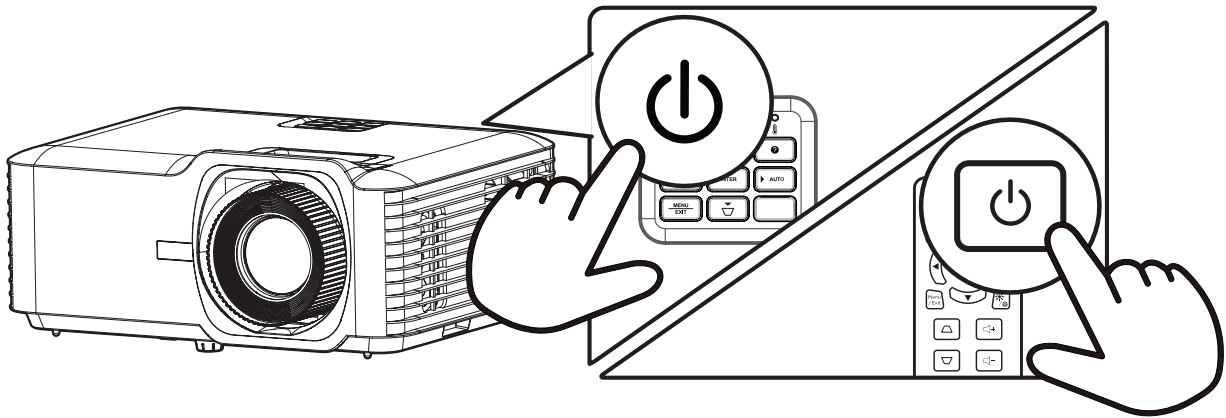
Note:

- For more information about the connection ports, please refer to “I/O Ports”.
- The **HDMI 1** and **HDMI 2** ports support HDMI 2.0/HDCP 2.3.



Using the Projector

Turning the Projector On



1. Make sure the projector's power cord is connected to a power outlet.
2. Press the **Power** button to turn on the projector. The Power Indicator Light will be flashing blue.

Note: If the projector is turned on for the first time or reset to factory defaults, the On-Screen Display Menu's language and projector projection position will need to be set before using the projector.

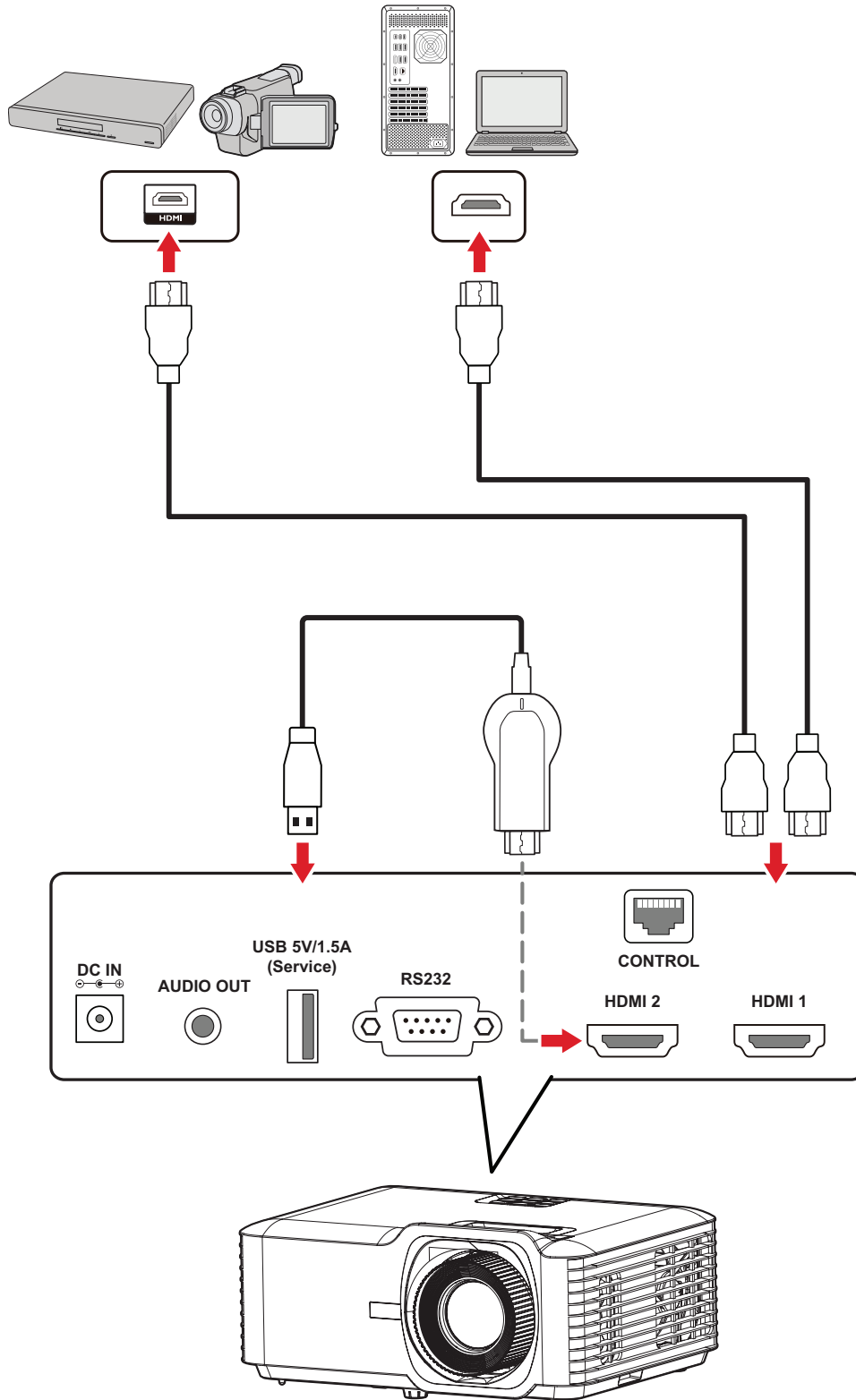
Turning the Projector Off

1. Press the **Power** button and a dialog will appear.
2. Press the **Power** button again to confirm and turn off the projector. The Power Indicator Light will be solid red and enter standby mode.

Selecting an Input Source

The projector supports multiple connections, but can only display one full-screen image at a time. When **Auto Source** is turned on, it automatically detects available inputs. To manually switch between sources, press the **Source** button.

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



Adjusting the Projected Image

Projection Angle

The projector has three adjustable feet. Adjusting the feet will change the projector's projection angle.

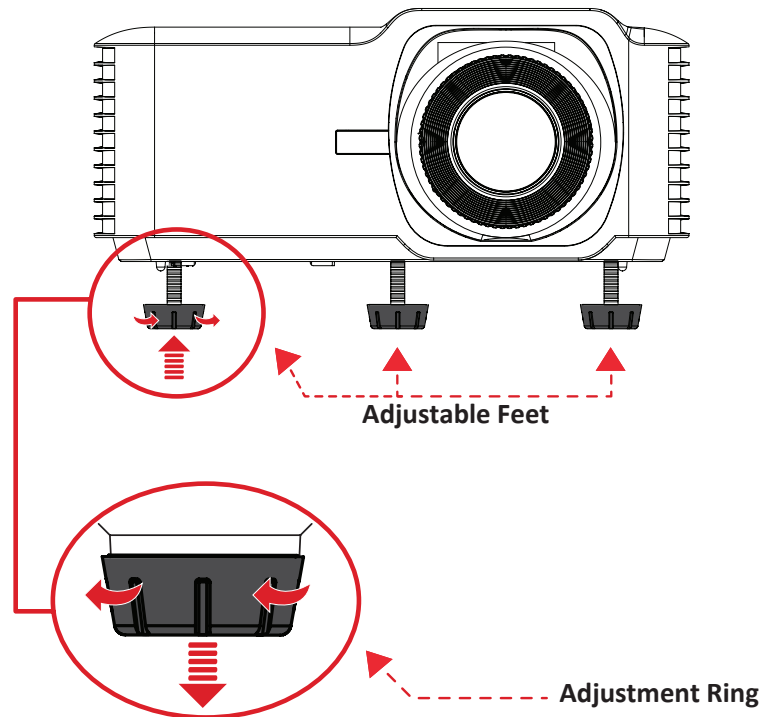
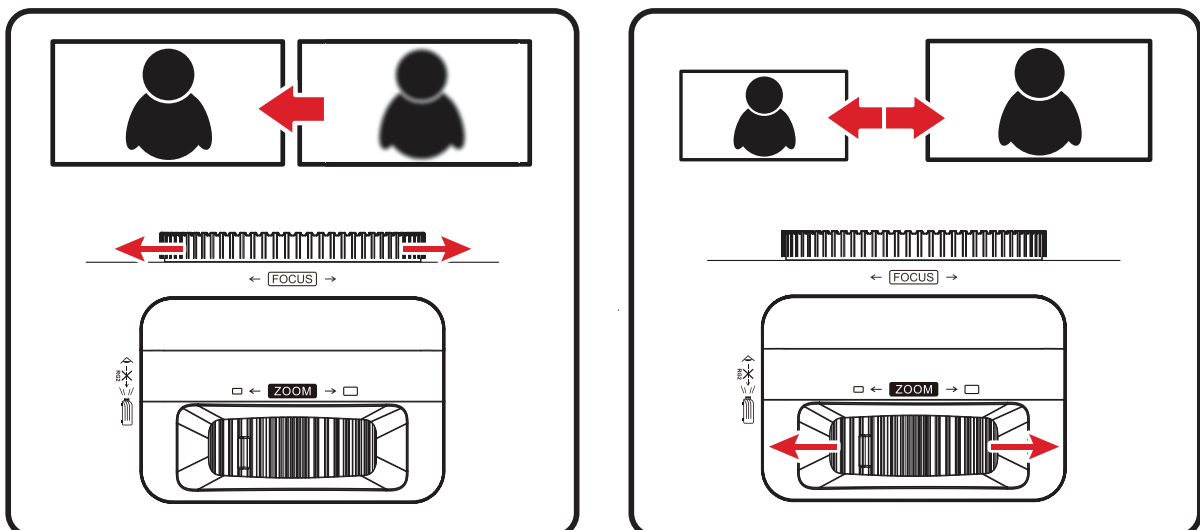


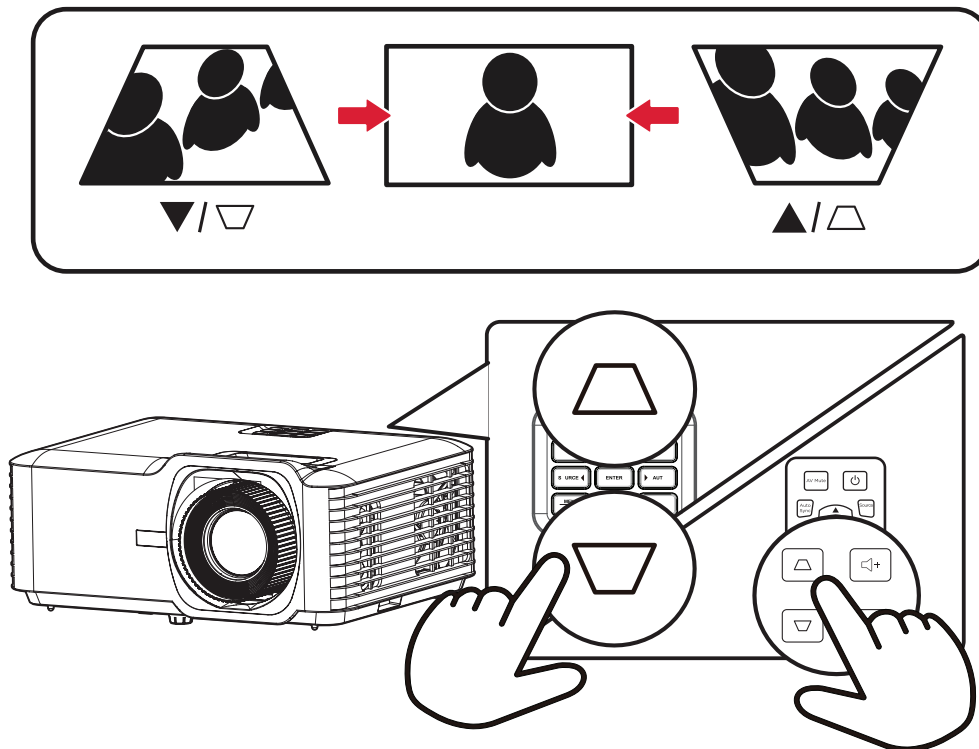
Image Size and Clarity

To adjust the projected image's size, turn the **Zoom Ring**. Image clarity can be improved by fine-tuning the **Focus Ring**.



Correcting Keystone

The keystone effect causes distorted images on curved surfaces. This can be corrected by aligning images to appear as straight and rectangular.



To correct keystone

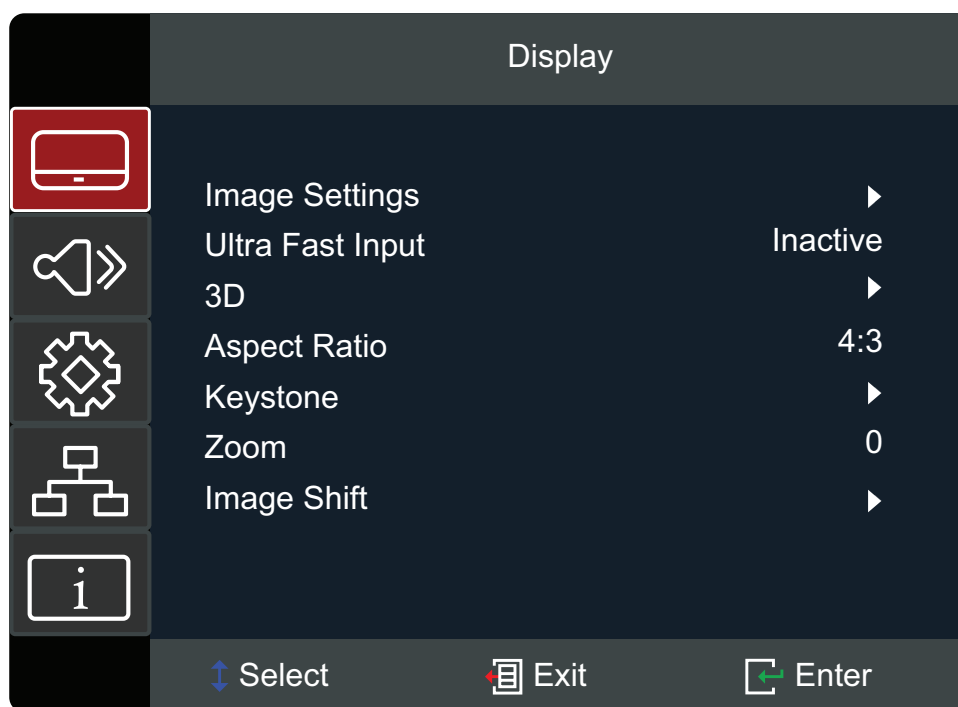
1. Press one of the **Keystone** buttons to display the correction screen.
2. Press the appropriate **Keystone** button for adjustment.

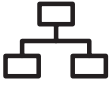
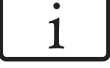
Button	Usage
	Corrects keystone at the bottom of the image.
	Corrects keystone at the top of the image.

Menu Operation

On-Screen Display Menu

The projector has on-screen display menus for making image adjustments and changing settings.



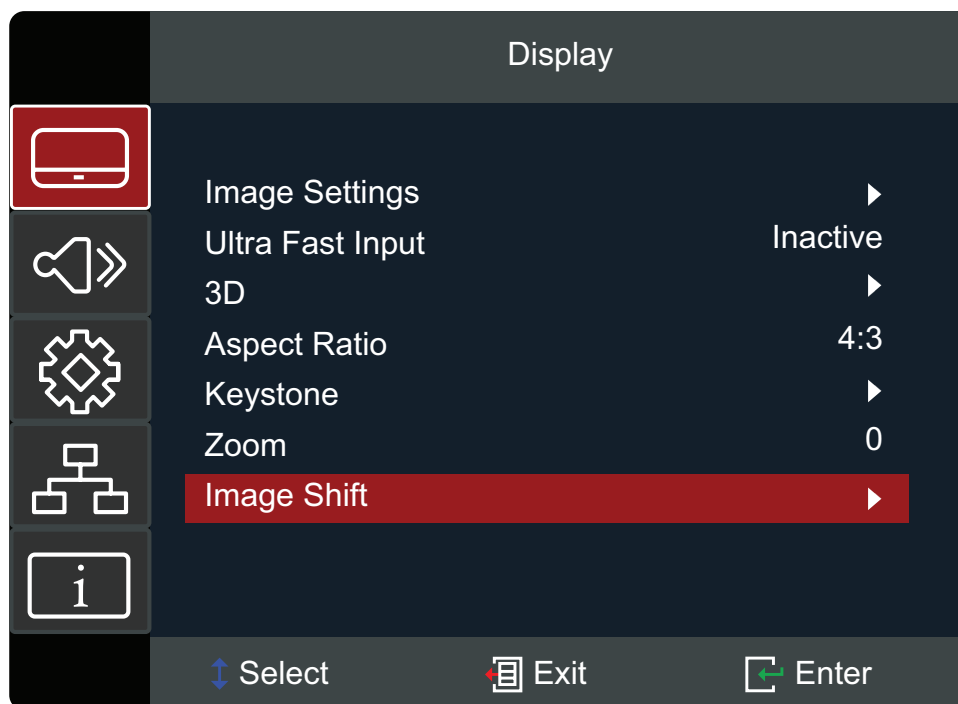
Menu		Description
Display		Adjusts Image, 3D, Aspect Ratio, Zoom, Image Shift, and Keystone settings.
Audio		Adjusts the volume level or mute.
Setup		Adjusts Projection, Power, Security, Language, etc. settings.
Network		Adjusts LAN control settings.
Information		Shows the projector's current status.

Menu Navigation

1. To open the On-Screen Display Menu, press the **Menu/Exit** button on the projector or the remote control.
2. Press the **Navigation** (↑/↓) buttons to select a main menu, then press the **Enter** button to confirm the selection and enter the sub-menu.
3. Press the **Navigation** (↑/↓/←/→) buttons to select an item in the sub-menu, then press the **Enter** button to view further settings or press the **Navigation** (←/→) buttons to make adjustments.
4. To exit the menu, press the **Menu/Exit** button.

Menu Options

Display



Menu		Description	
Image Settings	Color Mode	Presentation	Meets the presenting demands of professional and academic settings.
		Brightest	Adjusts the projected image's brightness to maximum for well-lit settings.
		HDR	The projector supports HDR imaging sources. It can automatically detect the dynamic range of the source, and optimize image gamma and color settings to reproduce contents under wide range of light conditions.
		HLG	Enhances HLG content with deeper blacks, brighter highlights, and more vivid colors.

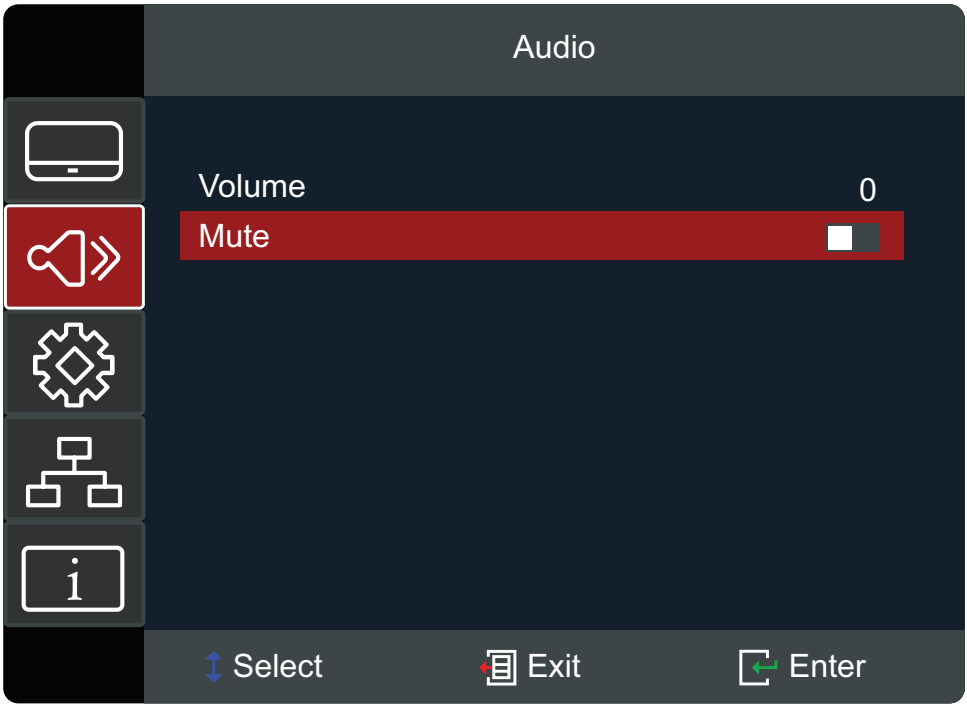
Menu	Description		
Image Settings	Color Mode	Movie	Provides a balance of detail and colors for watching movies.
		Gaming	Optimizes the projector for maximum contrast and vivid colors.
		sRGB	Sets the standardized sRGB color gamut as the mode.
		Golf	Meets golf simulator demands.
		3D	Supports 3D content.
	Brightness	Adjusts how bright or how dark the projected image will be.	
	Contrast	Adjusts the difference between the brightest and darkest parts of the projected image.	
	Sharpness	Adjusts the projected image's details.	
	Color	Adjusts the amount of the selected color present in the projected image.	
	Tint	Adjusts the amount of the red or green tone in the projected image.	
	Gamma	Adjusts the brightness level of the projector's grayscale levels.	
	Color Settings	Brilliant Color™	A color-processing algorithm that allows for higher brightness levels while providing true, more vibrant colors.
		Color Temperature	Selects a color temperature: 5500K, 6500K, 7500K, or 8300K.
		Color Management	Fine-tunes the colors (Hue), purity (Saturation), and brightness/white-temperature (Gain) in the projected image.
		Color Space	Selects a color space: Auto, RGB (0–255), RGB (16–235), or YUV.

Menu	Description		
Image Settings	Light Source Mode	Dynamic Black	Adjusts the picture brightness automatically to give optimum contrast performance.
		Normal	Sets the brightness level to full.
		Eco.	Reduces light source power consumption by 20% and lowers the brightness level.
		Light Source Power	Sets the light source power consumption manually, 50%–100%.
	Reset	Returns the Image Settings settings to their default values.	
Ultra Fast Input	Reduces the input delay/lag to the projector. Note: When turned on, Keystone , Image Shift , Four Corners , Aspect Ratio , Zoom In/Out , and Warping will be reset to their default values.		
3D ¹	3D Mode	Turns on or off the 3D function.	
	3D Format	Auto	Selects the appropriate 3D format automatically when a 3D signal is detected.
		SBS	Displays two images side-by-side, one for the left eye and one for the right eye.
		Top and Bottom	Displays the left eye image at the top and the right eye image at the bottom.
		Frame Sequential	Alternates between the left and right eye rapidly.
	3D Sync Invert	Inverts the synchronization signal sent by 3D devices.	

1– This projector is a 3D ready projector with DLP-Link 3D. Please make sure your 3D glasses are for DLP-Link 3D. This projector supports Blue-ray 3D and frame sequential (page-flip) 3D via the HDMI 1/HDMI 2 ports. For the best performance, 1920 x 1080 resolution is recommended. Please note that 4K (3840 x 2160) resolution is not supported in 3D mode.

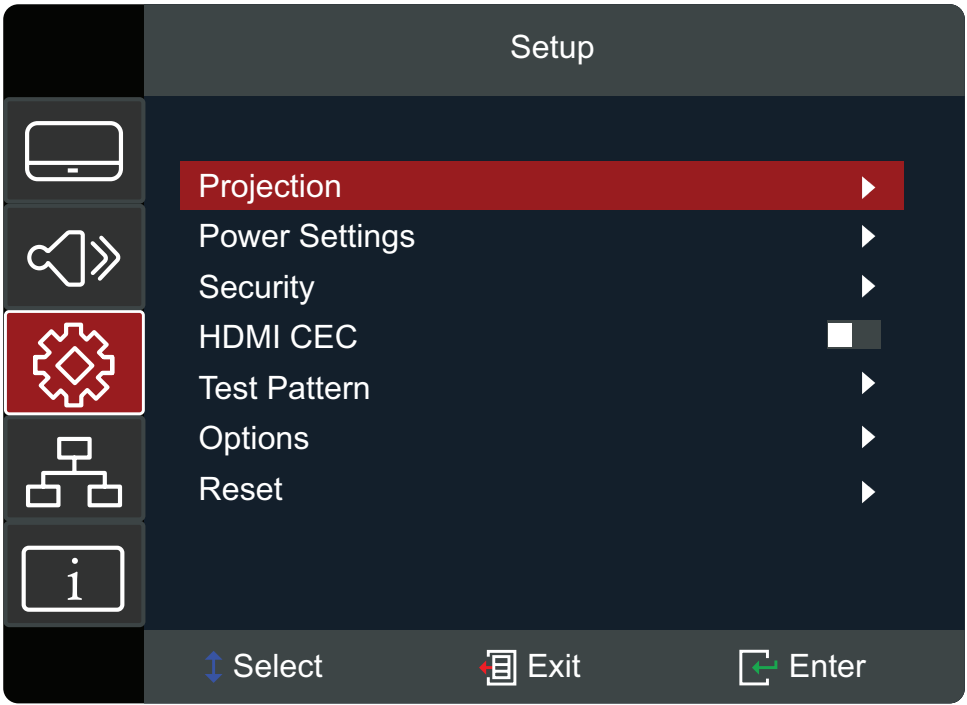
Menu	Description	
Aspect Ratio	4:3	Centers a scaled image on the screen with a fixed 4:3 aspect ratio.
	16:9	Centers a scaled image on the screen with a fixed 16:9 aspect ratio.
	21:9	Centers a scaled image on the screen with a fixed 21:9 aspect ratio.
	Native	Preserves the original resolution of the input signal while resizing it to fit the display area, maintaining its full native dimensions.
	Auto	Sets the aspect ratio according to the projector's resolution setting and connected input signal.
Keystone	Four Corners	Adjusts each corner to make a square image when the projection surface is not level. Note: When adjusting, the Aspect Ratio , Image Shift , and Zoom menus will be turned off. To turn them on, reset the Keystone settings to their default values.
	H. Keystone	Adjusts image distortion horizontally.
	V. Keystone	Adjusts image distortion vertically.
	Warping	Adjusts the geometric distortion of projected images on irregular surfaces like cylinders or spheres.
	Reset	Returns the Keystone settings to their default values.
Zoom	Adjusts the projected image's size.	
Image Shift	Adjusts the projected image horizontally or vertically.	

Audio



Menu	Description
Volume	Adjusts the volume level.
Mute	Stops audio output.

Setup

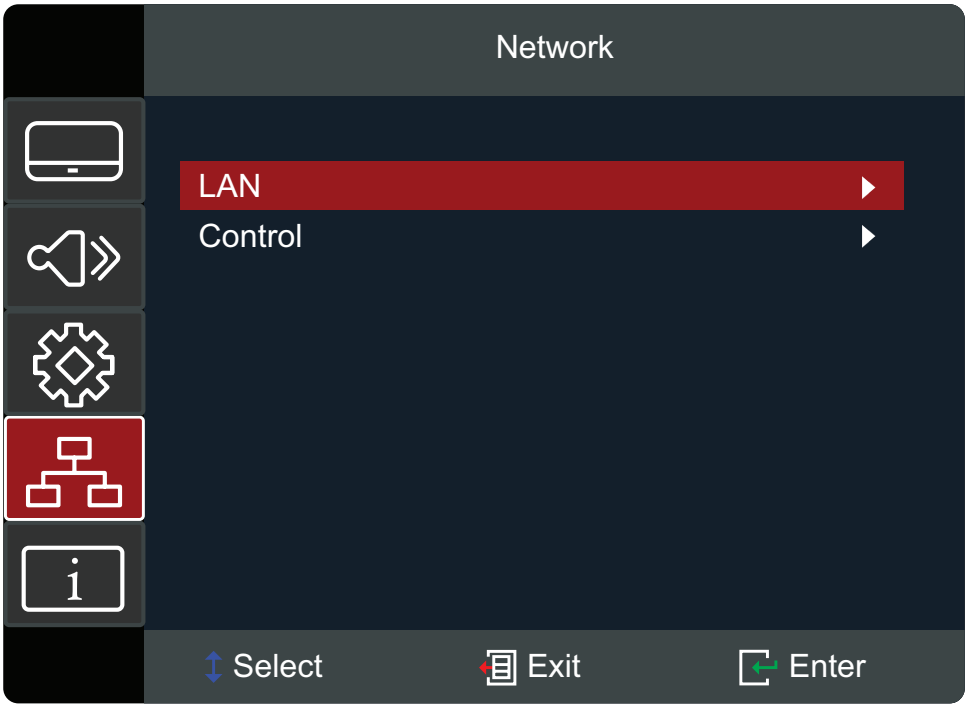


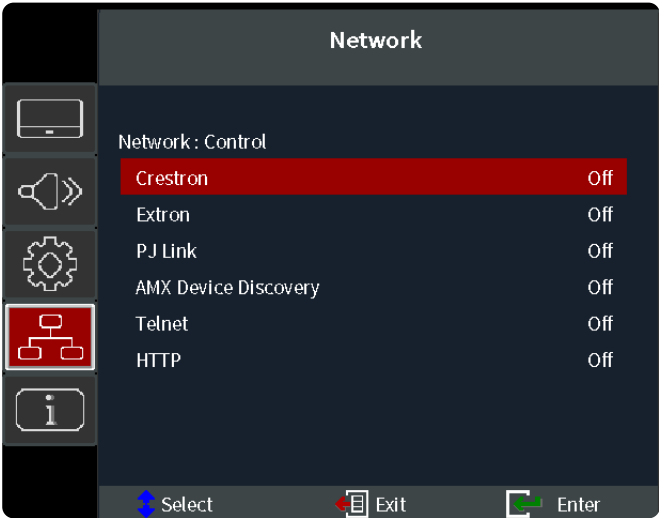
Menu	Description
Projection	Sets the projector position.

Menu	Description		
Power Settings	Direct Power On	Turns on the projector automatically when power is supplied.	
	Signal Power On	Turns on the projector automatically when an input signal is detected.	
	Auto Power Off (min)	Turns the projector off automatically after a set period of time once no input signal is detected. Note: A notification will appear when Auto Power Off (min.) is set to 0 (Disable Auto Power Off) or to a value greater than 20. COMMISSION REGULATION (EU) 2023/826 Disabling this function will increase energy consumption.	
	Power Mode (Standby)	Eco.	Reduces power consumption to < 0.5W. Network control is not supported.
		Active	Wake on LAN (WoL) is supported for the first 20 minutes of standby (> 0.5W). After 20 minutes of inactivity, LAN functions will be disabled to achieve maximum energy savings (< 0.5W).
		ErP Off	Powers network ports continuously, allowing network functionality in standby mode.
		Note: - No power is supplied to the USB port when in standby mode. - To allow network functionality in standby mode, select ErP Off. - A notification will appear when turned off. COMMISSION REGULATION (EU) 2023/826 Disabling this function will increase energy consumption.	

Menu	Description			
Security	Power On Lock	Sets a password requirement after turning on the projector.		
	Change Password	Sets or updates the password.		
HDMI CEC	Turns on or off HDMI CEC-compatible devices connected to the projector with a single button press. Note: - For the CEC function to work, make sure that the device is properly connected to the HDMI input of the projector, and its CEC function is turned on. - Depending on the connected device, the CEC function may not work.			
Test Pattern	Sets a color pattern to calibrate the projector.			
Options	Language	Sets the language for the On-Screen Display Menu.		
	High Altitude	When turned on, the fan speed will increase for better cooling and performance. It is recommended for environments 1,500-3,000 m (4,921-9843 ft) above sea level.		
	Auto Source	Searches automatically for an available input signal.		
	Keypad Lock	Locks the projector’s keypad buttons.		
	Splash Screen	Default	Sets the startup logo image as ViewSonic.	
		Neutral	Uses a black background.	
	Baud Rate	Sets the baud rate to match the connected computer for RS-232 control of the projector.		
Reset	Returns the Setup settings to their default values.			

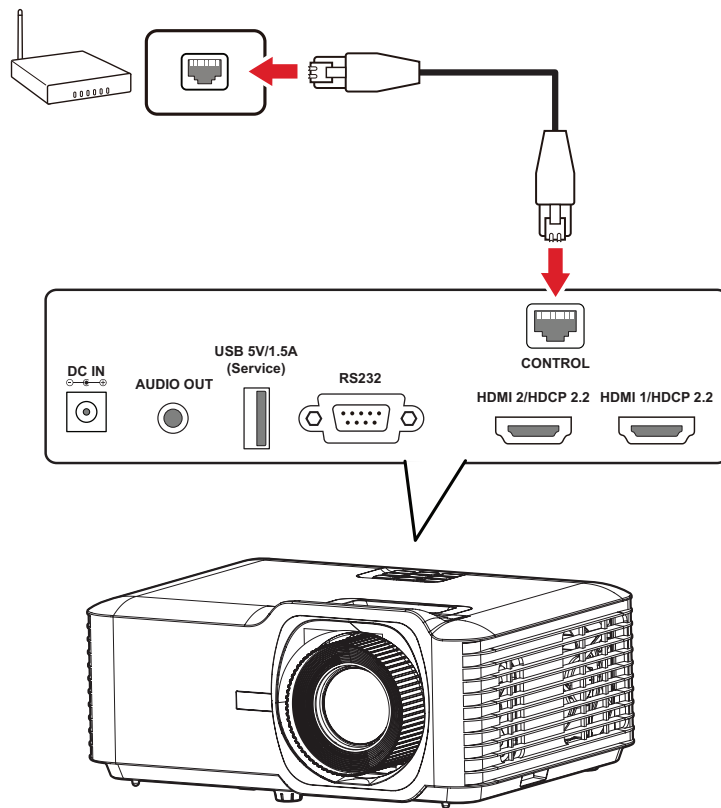
Network



Menu	Description
LAN	Sets the projector’s network information and shows its status.
Control	Selects which network control solutions to turn on or off. A screenshot of the 'Network Control' menu. The title is 'Network'. The left toolbar is the same as the previous screenshot. The main area is titled 'Network : Control' and lists six control solutions with their status: 'Crestron' (Off, highlighted in red), 'Extron' (Off), 'PJ Link' (Off), 'AMX Device Discovery' (Off), 'Telnet' (Off), and 'HTTP' (Off). The bottom navigation buttons are the same as the previous screenshot.

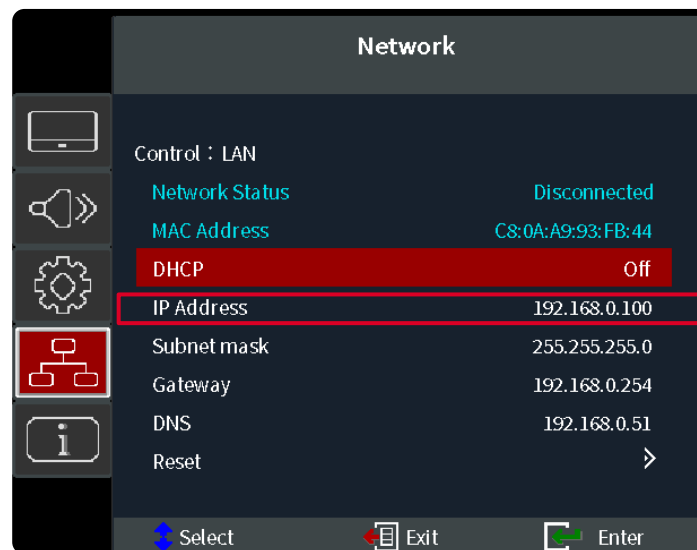
Controlling the Projector through a Network

The projector is compatible with network control software and can be controlled remotely by web browser once connected to the same local area network as a computer.



To control the projector through a network

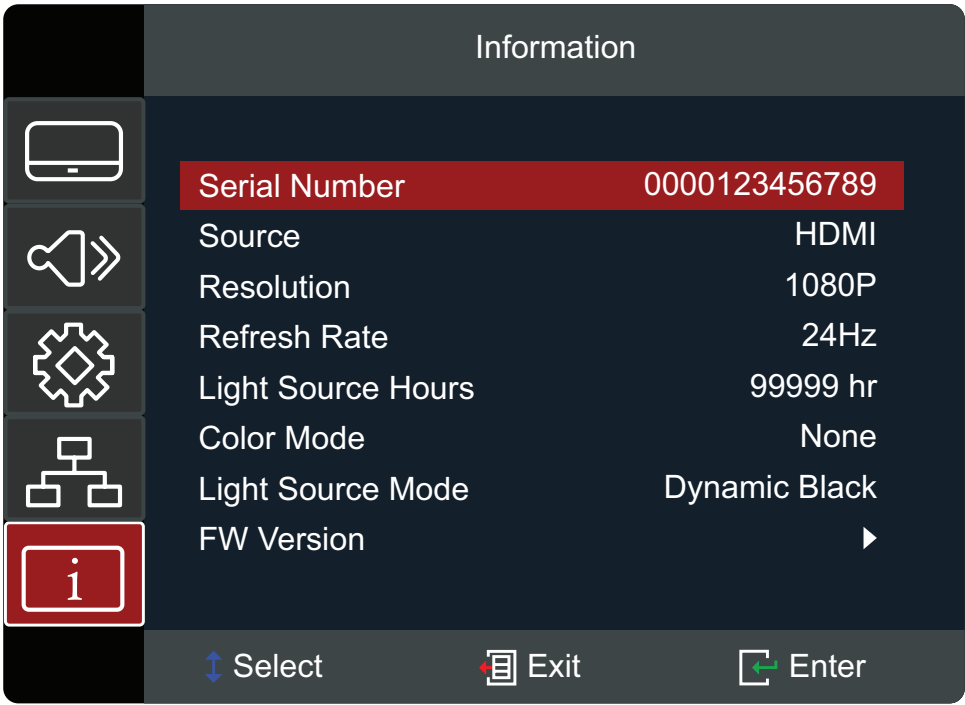
1. Make sure the projector is connected to the local network via the RJ45 port.
2. Press **Menu/Exit** button to open the On-Screen Display Menu, then navigate to **Network > LAN**.
3. Select **DHCP** and turn it on for automatic IP address assignment, or turn it off to manually enter the network information.
4. Press the **Menu/Exit** button to exit the **LAN** menu.
5. Wait for approximately 20 seconds, then select **LAN** and press the **Enter** button. Make a note of the IP address listed (**IP Address**).



6. Open a web browser on a computer connected to the same network and enter the projector's IP address. Enter the user name and password, then select **Log in**.

Note: During your first log in, follow the on-screen instructions to set a password. This will enable subsequent log ins.

Information



Menu	Description
Serial Number	Shows the projector’s serial number.
Source	Shows the current input signal.
Resolution	Shows the current resolution.
Refresh Rate	Shows the current refresh rate.
Light Source Hours	Shows the total usage hours of the light source.
Color Mode	Shows the selected mode in the Display menu.
Light Source Mode	Shows the selected mode in the Display menu.
FW Version	Shows the current firmware version.

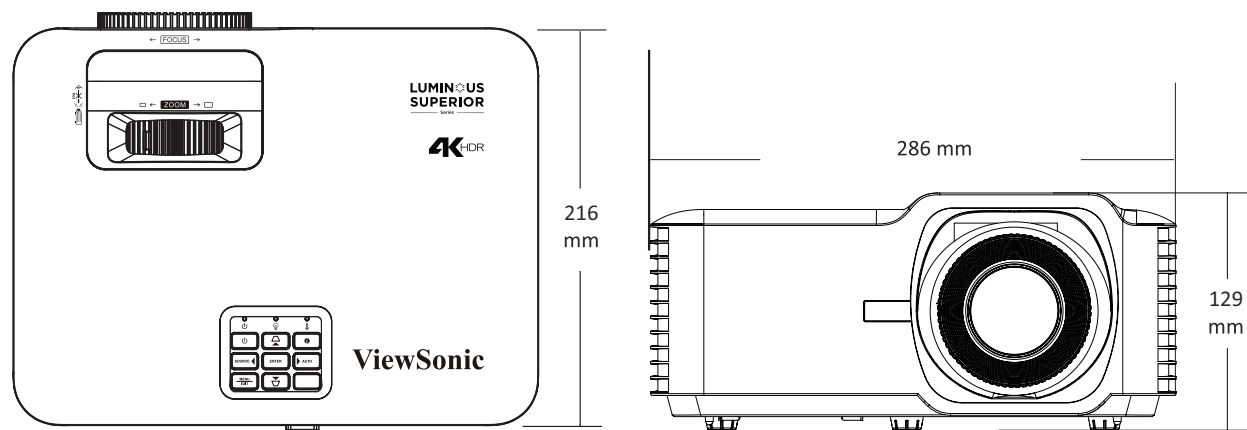
Appendix

Specifications

Item	Category	Specification
Projector	Type	Laser
	Display Size	30 in.–300 in.
	Throw Ratio	1.4–2.24±3% (100 in. @ 3.10 m)
	Optical Zoom	1.6x
	Light Source Type	Laser Phosphor
	Display System	1-CHIP DMD
Input Signal	HDMI	f _h : 15–135 kHz, f _v : 24–240 Hz, Pixel rate: 600 MHz
Resolution	Native	3840 x 2160
Power	Input Voltage	DC 100-240V, 50/60 Hz (Auto Switch)
Operating Conditions	Altitude	0 m–762 m at 0°C–40°C
		0 ft–2,500 ft at 32°F–104°F
		762 m –1,524 m at 0°C–35°C
		2,500 ft–5,000 ft at 32°F–95°F
		1,524 m–3,657.6 m at 0°C–30°C
		5,000 ft–12,000 ft at 32°F–86°F
	Relative Humidity	10%–80% (non-condensing)
	Temperature	0°C–40°C
		32°F–104°F
Storage Conditions	Altitude	0 km–12.1 km
		0 ft–40,000 ft
	Relative Humidity	5%–90% (non-condensing)
	Temperature	-20°C–60°C
		-4°F–140°F
Dimensions	Physical (W x H x D)	286 mm x 129 mm x 216 mm
		11.26 in. x 5.08 in. x 8.50 in.
Weight	Physical	3.10 kg
		6.83 lb
Power Consumption	On ¹	210W (Typical)
	Off	< 0.5W (Standby)

¹ – The test conditions follow EEI standards.

Projector Dimensions



On-Screen Display Menu Tree

Main Menu	Sub-menu	Menu Option			
Display	Image Settings	Color Mode	Presentation		
			Brightest		
			HDR		
			HLG		
			Movie		
			Gaming		
			sRGB		
			Golf		
			3D		
		Brightness	(-/+, -50–50)/1		
		Contrast	(-/+, -50–50)/1		
		Sharpness	(-/+, 1–15)/1		
		Color	(-/+, -50–50)/1		
		Tint	(-/+, -50–50)/1		
		Gamma	sRGB		
			1.8		
			Cube		
			2.2		
		Color Settings	Brilliant Color™	(-/+, 1–10)/1	
			Color Temperature	5500K	
				6500K	
				7500K	
				8300K	

Main Menu	Sub-menu	Menu Option			
Display	Image Settings	Color Settings	Color Management	Color	Red
					Green
					Blue
					Cyan
					Yellow
					Magenta
				White	
				Hue/R	(-/+, -50–50)/1
				Saturation/G	(-/+, -50–50)/1
				Gain/B	(-/+, -50–50)/1
				Reset	
				Exit	
		Color Space	Auto		
			RGB (0–255)		
			RGB (16–235)		
			YUV		
		Light Source Mode	Dynamic Black		
			Normal		
			Eco.		
			Light Source Power 100%–50%		
		Reset			
	Ultra Fast Input	Active			
		Inactive			
	3D	3D Mode	Off		
			On		
		3D Format	Auto		
			SBS		
			Top and Bottom		
			Frame Sequential		
		3D Sync Invert	Off		
			On		

Main Menu	Sub-menu	Menu Option		
Display	Aspect Ratio	4:3		
		16:9		
		21:9		
		Native		
		Auto		
	Keystone	Four Corners	Top-Left	
			Top-Right	
			Bottom-Left	
			Bottom-Right	
		H. Keystone	(-/+, -30–30)/1	
		V. Keystone	(-/+, -30–30)/1	
		Warping		
		Reset		
		Zoom	(-/+, -5–23)/1	
Image Shift	H	(-/+, -100–100)/1		
	V	(-/+, -100–100)/1		
Audio	Volume	(-/+, 0–10)/1		
	Mute	Off		
		On		
Setup	Projection	DeskFront		
		DeskRear		
		CeilingFront		
		CeilingRear		
	Power Settings	Direct Power On		Off
				On
		Signal Power On		Off
				On
		Auto Power Off (min)		(-/+, 0–180)/5 minutes
		Power Mode (Standby)		Eco.
				Active
				ErP Off
		Security		Power On Lock
	On			
		Change Password		

Main Menu	Sub-menu	Menu Option		
Setup	HDMI CEC	HDMI CEC	Off	
			On	
	Test Pattern	Test Pattern	Off	
			Green Grid	
			Magenta Grid	
			White Grid	
			White	
			Test Card	
	Options	Language	English	
			Deutsch	
			Français	
			Italiano	
			Español	
			Português	
			Polski	
			Nederlands	
			Svenska	
			Norsk	
			Suomi	
			ελληνικά	
			繁體中文	
			簡體中文	
			日本語	
			한국어	
			Русский	
			Čeština	
			اىبىرع	
			ไทย	
			Türkçe	
			Tiếng Việt	
			Bahasa Indonesia	

Main Menu	Sub-menu	Menu Option			
Setup	Options	High Altitude	Off		
			On		
		Auto Source	Off		
			On		
		Keypad Lock	Off		
			On		
		Splash Screen	Default		
			Neutral		
		Baud Rate	115200		
	9600				
Reset	Reset to Default				
Network	LAN	Network Status			
		MAC Address			
		DHCP	Off		
			On		
		IP Address	xxx.xxx.xxx		
		Subnet Mask	xxx.xxx.xxx		
		Gateway	xxx.xxx.xxx		
		DNS	xxx.xxx.xxx		
		Reset			
	Control	Crestron	Off		
			On		
		Extron	Off		
			On		
		PJ Link	Off		
			On		
		AMX Device Discovery	Off		
			On		
		Telnet	Off		
			On		
		HTTP	Off		
			On		

Main Menu	Sub-menu	Menu Option	
Information	Serial Number		
	Source		
	Resolution		
	Refresh Rate		
	Light Source Hours		
	Color Mode		
	Light Source Mode		
	FW Version	System	
		LAN	
		MCU	

Supported Resolutions and Timings

HDMI 1 | HDMI 2

Video Signal

Signal	Resolution	Refresh Rate
SDTV (480i)	720 x 480	60 Hz
SDTV (480p)	640 x 480	60 Hz
	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 (1080i)	1920 x 1080	50, 60 Hz
HDTV (1080p)	1920 x 1080	24, 30, 50 ,60, 120 Hz
	2560 x 1080	50, 60 Hz
UHD (2160p)	3840 x 2160	24, 25, 30, 50 ,60 Hz
	4096 x 2160	24, 25, 30, 50 ,60 Hz

PC Signal

Signal	Resolution	Refresh Rate
VGA	640 x 480	60, 67, 72, 75 Hz
	720 x 400	70 Hz
SVGA	800 x 600	56, 60, 72, 75 Hz
	832 x 624	75 Hz
XGA	1024 x 768	60, 70, 75, 120 Hz
PowerBook G4	1152 x 870	75 Hz
WXGA	1280 x 720	60, 120 Hz
	1280 x 800	60 Hz
	1440 x 900	60 Hz
SXGA	1280 x 1024	60, 75 Hz
UXGA	1600 x 1200	60 Hz
WSXGA+	1680 x 1050	60 Hz
1080p	1920 x 1080	240 Hz
2K	2560 x 1440	120 Hz
4K	3840 x 2160	60 Hz

3D

Signal	Resolution	Refresh Rate
Frame Packing		
720p	1280 X 720	50, 60 Hz
1080p	1920 X 1080	24 Hz
Side-by-Side		
1080i	1920 x 1080	50, 60 Hz
Top-and-Bottom		
720p	1280 x 720	50, 60 Hz
1080p	1920 x 1080	24 Hz

Note:

- 1080i @ 25 Hz and 720p @ 50 Hz will run in 100 Hz; other 3D timing will run in 120 Hz.
- 1080p @24 Hz will run in 144 Hz (XGA, WXGA, 1080p)/96 Hz (WUXGA).
- If the input frame rate is 48 Hz or greater, the output frame rate is set to twice the input frame rate (FRC = 2X mode).
- If the 3D input frame rate is 25 Hz or greater, the output frame rate is set to four times the input frame rate (FRC = 4X mode).
- If the 3D input frame rate is 24 Hz (includes 23.9 Hz), the output frame rate is set to six times the input frame rate (FRC = 6X mode).

Troubleshooting

Projector does not turn on

Troubleshooting Checks	Yes/No	Possible Solutions
Is the Power Indicator lit?	Yes	Turn the projector off, then turn it back on.
	No	Check the power connection between the projector and the power outlet.
Is the power cord plugged into a power outlet?	Yes	Try another Power outlet or use some other electrical device to confirm the same power outlet is working.
	No	Plug the power cord into a power outlet and press the Power button on the projector's keypad or remote control.

No image appears

Troubleshooting Checks	Yes/No	Possible Solutions
Is your PC/video device turned on or in sleep mode?	Yes	Check the cable connection between your PC/video device and the projector.
	No	Turn your PC/video device on or wake it up from sleep mode. If in any doubts, consult your PC/video device's documentation.
Is the image input selected correctly?	Yes	Turn the projector off, then turn it back on.
	No	Select the correct input source. If multiple devices are connected, manually adjust the input source by pressing the Source Input button on the projector's keypad or remote control.

Image is flipped upside down or mirrored left to right

Troubleshooting Checks	Yes/No	Possible Solutions
Is the projector hung from the ceiling?	Yes	Check the Ceiling-Front/Ceiling-Rear option.
	No	Turn the projector off, then turn it back on.
Is the projector placed on a desk/floor?	Yes	Check the Desk-Front/Desk-Rear option.
	No	Turn the projector off, then turn it back on.

Image is blurred

Troubleshooting Checks	Yes/No	Possible Solutions
Is the lens dirty?	Yes	Follow the procedure in the Maintenance section to clean the lens.
	No	Adjust the Focus Ring until the image is clear.

Image is not displayed correctly

Troubleshooting Checks	Yes/No	Possible Solutions
Is the image cut off, or not fitting on the screen?	Yes	Press the Zoom In/Zoom Out button on the remote control to return to the original image size. If the image is still not displayed correctly, reset the Image Settings .
	No	Reset the Image Settings .

Remote control does not work

Troubleshooting Checks	Yes/No	Possible Solutions
Are there any obstacles between the remote control and projector?	Yes	Remove the obstacle(s).
	No	Aim the remote control at the projector's IR receiver within the effective distance and angles when performing an operation. Related sections: "Receiver Range"
Are the batteries installed correctly?	Yes	If the remote control still does not work, try another set of new batteries to confirm the current batteries have power.
	No	Install the batteries again. Related sections: ""

Important

If a problem is still not solved or not listed here, follow the steps below to restart your projector.

1. Press the **Power** button on the projector's keypad or remote control to turn it off.
2. Unplug the power cord from the power outlet and wait for at least five minutes.
3. Plug the power cord back in.
4. Press the **Power** button to turn on the projector.

If normal operation does not resume after the projector restarts, contact your reseller or service center for assistance.

LED Indicators

Status and Description				
	Red	Blue	Red	Red
Standby State (Power Cord Input)	Steady			
Power On (Warming)		Flashing (0.5 sec. off/0.5 sec. on)		
Power On and Lamp Lighting		Steady		
Power Off (Cooling)	Flashing (0.5 sec. off/0.5 sec. on) Back to Steady after the cooling fan turns off			
Error (Lamp Failure)	Flashing			Steady
Error (Fan Failure)	Flashing		Flashing	
Error (Overheat)	Flashing		Steady	

Note: If normal operation does not resume, contact your reseller or service center for assistance.

Maintenance

General Precautions

- Before performing any maintenance, turn off the projector and unplug the power cord from the outlet.
- Do not spray or pour liquid directly onto the projector.
- Handle the projector with care, as scratches may be more visible on dark-colored models.

Cleaning the Lens

- Use an air blower to remove dust.
- Use lens-cleaning paper or a soft, moist cloth with lens cleaner to gently wipe away smudges from the lenses.

Important: Do not use abrasive materials or glass cleaner to clean the lens.

Cleaning the Case

- Clean with a soft, dry cloth.
- 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.

Important: Do not use wax, alcohol, benzene, thinner, or other chemical detergents for cleaning.

Storing the Projector

If the projector will not be used for an extended period of time, observe the following:

- Retract the adjustable foot completely.
- Remove the batteries from the remote control.
- Pack the projector in its original packaging.
- Store the projector in a location that falls within the projector's storage conditions.

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.

RS-232 Protocol

This document outlines the hardware interface and software protocols for RS-232 communication between the projector and computers or other control units.

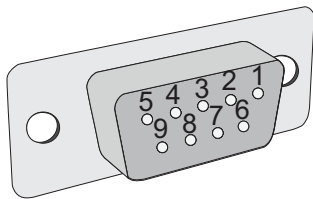
Description

RS-232 Hardware Specification

Display communication port:

- Connector type: D-SUB 9-Pin Female.
- Pin assignment:

Female DSUB 9-Pin



Pin #	Signal	Description
1	NC	Data carrier detect
2	RX	Receive data
3	TX	Transmit data
4	NC	Data terminal ready
5	GND	Signal ground
6	NC	Data set ready
7	RTSZ	Request to send
8	CTSZ	Clear to send
9	NC	Ring indicator
Frame	GND	Protective ground

RS-232 Communication Setting

- Baud rate select: 115200 bps (default)
- Data bits: 8 bits (fixed)
- Parity: None (fixed)
- Stop bits: 1 bit (fixed)
- Flow control: None

Command Table

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
1	Power	Write	ON	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x00 0x00 0x5D	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18
2	Power	Write	OFF	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x01 0x00 0x5E	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17
3	Power	Read	Status	0x07 0x14 0x00 0x05 0x00 0x34 0x00 0x00 0x11 0x00 0x5E	Power off: 0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17 Power on : 0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18 Warm up : 0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x02 0x19 Cool down: 0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x03 0x1A	
4	Reset All Settings	Write	Reset All Settings	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x02 0x00 0x5F	0x03 0x14 0x00 0x00 0x00 0x14	
5	Reset Color Settings	Write	Reset Color Settings	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x2A 0x00 0x87	0x03 0x14 0x00 0x00 0x00 0x14	
6	High Altitude Mode	Write	OFF	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x0C 0x00 0x69	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
7	High Altitude Mode	Write	ON	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x0C 0x01 0x6A	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18
8	Lamp Mode/Light Source Mode	Write	Normal	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x10 0x00 0x6D	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17
9	Lamp Mode/Light Source Mode	Write	Eco	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x10 0x01 0x6E	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18
10	Lamp Mode/Light Source Mode	Write	Dynamic Black	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x10 0x09 0x76	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x09 0x20
11	Lamp Mode/Light Source Mode	Write	Cycle	0x06 0x14 0x00 0x04 0x00 0x34 0x13 0x36 0x00 0x95	0x03 0x14 0x00 0x00 0x00 0x14	
12	Light Source Mode	Read	Status	0x07 0x14 0x00 0x05 0x00 0x34 0x00 0x00 0x11 0x10 0x6E	Full Normal (Normal):0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x0B 0x27 Eco: 0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18 Dynamic Black: 0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x09 0x20 Light Source Power 100% ~ 50%: 0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17	
13	Projector Position	Write	Front Table	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x00 0x00 0x5E	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
14	Projector Position	Write	Rear Table	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x00 0x01 0x5F	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18
15	Projector Position	Write	Rear Ceiling	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x00 0x02 0x60	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x02 0x19
16	Projector Position	Write	Front Ceiling	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x00 0x03 0x61	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x03 0x1A
17	Aspect Ratio	Write	Auto	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x04 0x00 0x62	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17
18	Aspect Ratio	Write	4:3	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x04 0x02 0x64	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x02 0x19
19	Aspect Ratio	Write	16:9	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x04 0x03 0x65	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x03 0x1A
20	Aspect Ratio	Write	Native	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x04 0x09 0x6B	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x09 0x20
21	Aspect Ratio	Write	21:9	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x04 0x0B 0x6D	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x0B 0x22

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
22	Aspect Ratio	Write	Cycle	0x06 0x14 0x00 0x04 0x00 0x34 0x13 0x31 0x00 0x90	0x03 0x14 0x00 0x00 0x00 0x14	
23	Color Temperature	Write	Warm/ 5500K	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x08 0x00 0x66	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17
24	Color Temperature	Write	Normal/ Standard/ 6500K	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x08 0x01 0x67	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18
25	Color Temperature	Write	Neutral/ Cold/ 7500K	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x08 0x02 0x68	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x02 0x19
26	Color Temperature	Write	Cool/ 8000K/ 8500K	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x08 0x03 0x69	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x03 0x1A
27	Blank (AV Mute)	Write	ON	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x09 0x01 0x68	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18
28	Blank (AV Mute)	Write	OFF	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x09 0x00 0x67	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
29	Keystone-Vertical	Write	Decrease	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x0A 0x00 0x68	0x03 0x14 0x00 0x00 0x00 0x14	
30	Keystone-Vertical	Write	Increase	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x0A 0x01 0x69	0x03 0x14 0x00 0x00 0x00 0x14	
31	Keystone-Horizontal	Write	Decrease	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x31 0x00 0x8E	0x03 0x14 0x00 0x00 0x00 0x14	
32	Keystone-Horizontal	Write	Increase	0x06 0x14 0x00 0x04 0x00 0x34 0x11 0x31 0x01 0x8F	0x03 0x14 0x00 0x00 0x00 0x14	
33	Color Mode	Write	Bright/ Brightest	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x0B 0x00 0x69	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17
34	Color Mode	Write	Movie/ Cinema	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x0B 0x01 0x6A	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18
35	Color Mode	Write	sRGB	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x0B 0x05 0x6E	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x05 0x1C

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
36	Color Mode	Write	Presentation	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x0B 0x14 0x7D	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x14 0x2B
37	Color Mode	Write	Gaming	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x0B 0x12 0x7B	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x12 0x29
38	Color Mode	Write	Golf	0x06 0x14 0x00 0x04 0x00 0x34 0x12 0x0B 0x1D 0x86	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x1D 0x34
39	Color Mode	Write	Cycle	0x06 0x14 0x00 0x04 0x00 0x34 0x13 0x33 0x00 0x92	0x03 0x14 0x00 0x00 0x00 0x14	
40	Source Input	Write	HDMI 1	0x06 0x14 0x00 0x04 0x00 0x34 0x13 0x01 0x03 0x63	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x03 0x1A
41	Source Input	Write	HDMI 2	0x06 0x14 0x00 0x04 0x00 0x34 0x13 0x01 0x07 0x67	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x07 0x1E
42	Mute	Write	ON	0x06 0x14 0x00 0x04 0x00 0x34 0x14 0x00 0x01 0x61	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
43	Mute	Write	OFF	0x06 0x14 0x00 0x04 0x00 0x34 0x14 0x00 0x00 0x60	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17
44	Mute	Read	Status	0x07 0x14 0x00 0x05 0x00 0x34 0x00 0x00 0x14 0x00 0x61	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17	
45	Volume	Write	Increase	0x06 0x14 0x00 0x04 0x00 0x34 0x14 0x01 0x00 0x61	0x03 0x14 0x00 0x00 0x00 0x14	
46	Volume	Write	Decrease	0x06 0x14 0x00 0x04 0x00 0x34 0x14 0x02 0x00 0x62	0x03 0x14 0x00 0x00 0x00 0x14	
47	Volume	Write	Write Value	0x06 0x14 0x00 0x04 0x00 0x34 0x13 0x2A 0xNN 0xHH (NN=Volume ; HH=Checksum)	0x03 0x14 0x00 0x00 0x00 0x14	
48	Volume	Read	Get Value	0x07 0x14 0x00 0x05 0x00 0x34 0x00 0x00 0x14 0x03 0x64	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18	
49	Language	Write	English	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x00 0x61	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
50	Language	Write	Français	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x01 0x62	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18
51	Language	Write	Deutsch	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x02 0x63	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x02 0x19
52	Language	Write	Italiano	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x03 0x64	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x03 0x1A
53	Language	Write	Español	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x04 0x65	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x04 0x1B
54	Language	Write	РУССКИЙ	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x05 0x66	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x05 0x1C
55	Language	Write	繁體中文	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x06 0x67	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x06 0x1D
56	Language	Write	简体中文	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x07 0x68	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x07 0x1E

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
57	Language	Write	日本語	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x08 0x69	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x08 0x1F
58	Language	Write	한국어	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x09 0x6A	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x09 0x20
59	Language	Write	Swedish	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x0A 0x6B	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x0A 0x21
60	Language	Write	Dutch	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x0B 0x6C	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x0A 0x22
61	Language	Write	Turkish	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x0C 0x6D	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x0A 0x23
62	Language	Write	Czech	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x0D 0x6E	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x0A 0x24
63	Language	Write	Portugese	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x0E 0x6F	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x0A 0x25

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
64	Language	Write	Thai	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x0F 0x70	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x0A 0x26
65	Language	Write	Polish	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x10 0x71	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x0A 0x27
66	Language	Write	Finnish	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x11 0x72	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x11 0x28
67	Language	Write	Arabic	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x12 0x73	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x12 0x29
68	Language	Write	Indonesia	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x13 0x74	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x13 0x2A
69	Language	Write	Vie	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x15 0x76	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x15 0x2C
70	Language	Write	Greek	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x16 0x77	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x16 0x2D

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
71	Language	Write	Norsk	0x06 0x14 0x00 0x04 0x00 0x34 0x15 0x00 0x18 0x79	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x18 0x2F
72	Light Source Usage Time	Read	Get Equivalent Light Source Hour	0x07 0x14 0x00 0x05 0x00 0x34 0x00 0x00 0x15 0x01 0x63	0x05 0x14 0x00 0x06 0x00 0x00 0x00 0xB8 0x0B 0x00 0x00 0xDD	
73	Remote Key	Write	Menu	0x06 0x14 0x00 0x04 0x00 0x34 0x02 0x04 0x0F 0x61	0x03 0x14 0x00 0x00 0x00 0x14	
74	Remote Key	Write	Exit	0x06 0x14 0x00 0x04 0x00 0x34 0x02 0x04 0x13 0x65	0x03 0x14 0x00 0x00 0x00 0x14	
75	Remote Key	Write	Top/Up	0x06 0x14 0x00 0x04 0x00 0x34 0x02 0x04 0x0B 0x5D	0x03 0x14 0x00 0x00 0x00 0x14	
76	Remote Key	Write	Bottom/Down	0x06 0x14 0x00 0x04 0x00 0x34 0x02 0x04 0x0C 0x5E	0x03 0x14 0x00 0x00 0x00 0x14	
77	Remote Key	Write	Left	0x06 0x14 0x00 0x04 0x00 0x34 0x02 0x04 0x0D 0x5F	0x03 0x14 0x00 0x00 0x00 0x14	

No.	Function	Type	Action	Command	Response	The Response of Query Read Command
78	Remote Key	Write	Right	0x06 0x14 0x00 0x04 0x00 0x34 0x02 0x04 0x0E 0x60	0x03 0x14 0x00 0x00 0x00 0x14	
79	Remote Key	Write	Source	0x06 0x14 0x00 0x04 0x00 0x34 0x02 0x04 0x04 0x56	0x03 0x14 0x00 0x00 0x00 0x14	
80	Remote Key	Write	Enter	0x06 0x14 0x00 0x04 0x00 0x34 0x02 0x04 0x15 0x67	0x03 0x14 0x00 0x00 0x00 0x14	
81	Remote Key	Write	Auto	0x06 0x14 0x00 0x04 0x00 0x34 0x02 0x04 0x08 0x5A	0x03 0x14 0x00 0x00 0x00 0x14	
82	AMX	Write	AMX command	0x41 0x4D 0x58 0x0D	ASCII: AMXB SDKClass=VideoProjector Make=ViewSonic Model=Model Name	
83	Freeze	Write	ON	0x06 0x14 0x00 0x04 0x00 0x34 0x13 0x00 0x01 0x60	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x01 0x18
84	Freeze	Write	OFF	0x06 0x14 0x00 0x04 0x00 0x34 0x13 0x00 0x00 0x5F	0x03 0x14 0x00 0x00 0x00 0x14	0x05 0x14 0x00 0x03 0x00 0x00 0x00 0x00 0x17

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.

Industry Canada Statement

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

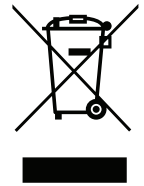
Cet appareil numérique de classe B est conforme à la norme NMB-003 du Canada.
CAN ICES (B)/NMB (B)

CE Conformity for European Countries

C **€** The device complies with the EMC Directive 2014/30/EU and Low Voltage Directive 2014/35/EU. Ecodesign Directive 2009/125/EC.

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

 Flevolaan 38, 1382JZ, Weesp,
the Netherlands

 +31 08000232999

 EPREL@viewsoniceurope.com

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

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

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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:	
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	
NÚMERO GRATIS DE ASISTENCIA TÉCNICA PARA TODO MÉXICO: 001.866.823.2004	
Hermosillo: Distribuciones y Servicios Computacionales SA de CV. Calle Juárez 284 local 2 Col. Bugambillas C.P: 83140 Tel: 01-66-22-14-9005 E-Mail: disc2@hmo.megared.net.mx	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
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	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
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