ViewSonic®

M1+_G2

Portable 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 in the upper right corner of our website. “Antes de operar su equipo lea cu idadosamente las instrucciones en este manual”

Model No. VS18242
P/N: M1+_G2

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 use if the projector is tilted at an angle of more than 10° degrees left or right, nor at an angle of more than 15° degrees forwards or backwards.
- 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.

Contents

Safety Precautions 3

Introduction 8

Package Contents 8

Product Overview 9

Projector 9

Remote Control 10

Remote Control - Effective Range 11

Remote Control - Replacing the Batteries 11

Initial Setup 12

Choosing a Location - Projection Orientation 12

Projection Dimensions 13

Making Connections 14

Connecting to Power 14

DC Power (Power Outlet) 14

Power on by Power Bank Function 15

Using the Battery 15

Battery Usage Time Information 15

Connecting to External Devices 16

HDMI Connection 16

USB Connection 16

Micro SD 16

Wireless Screen Mirroring 17

Connecting to Bluetooth 18

Bluetooth Speaker 18

Bluetooth Out 20

Connecting to Networks 21

Wi-Fi Connection 21

Custom SSID 23

Using the Projector 25

Starting Up the Projector 25
Adjusting the Projected Image 26
Adjusting the Projector's Height and Projection Angle 26
Adjusting the Focus 26
First Time Activation 27
Preferred Language 27
Projection Orientation 28
Network Settings 28
Shutting Down the Projector 29
Input Source Selected - On-Screen Display (OSD) Tree 30

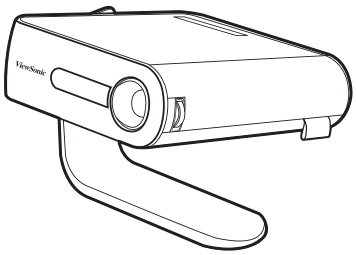
Operating the Projector 40

Home Screen 40
Home Screen - On-Screen Display (OSD) Menu Tree 41
Menu Operations 45
File Management 45
How to Use the Media Control Bar Buttons 47
Supported File Formats 48
Apps Center 49
Aptoide 50
Bluetooth 52
Setting 53
Screen Mirroring 67

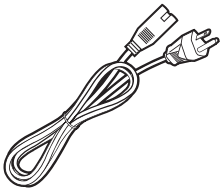
Appendix 70
Specifications 70
Timing Chart 71
HDMI/USB C Video Timing 71
HDMI/USB C Support PC Timing 72
3D Support Timing 73
LED Indicators 74
Troubleshooting 75
Maintenance 77
General Precautions 77
Cleaning the Lens 77
Cleaning the Case 77
Storing the Projector 77
Regulatory and Service Information 78
Compliance Information 78
FCC Compliance Statement 78
FCC Radiation Exposure Statement 79
IC Warning Statement 79
Country Code Statement 79
IC Radiation Exposure Statement 80
CE Conformity for European Countries 80
Declaration of RoHS2 Compliance 81
Indian Restriction of Hazardous Substances 82
Product Disposal at End of Product Life 82
Copyright Information 83
Customer Service 84
Limited Warranty 85
Mexico Limited Warranty 88

Introduction

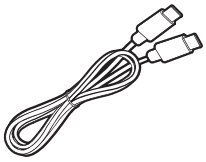
Package Contents



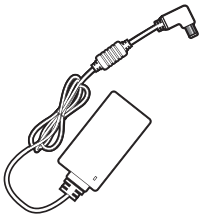
1



2



3



4

5

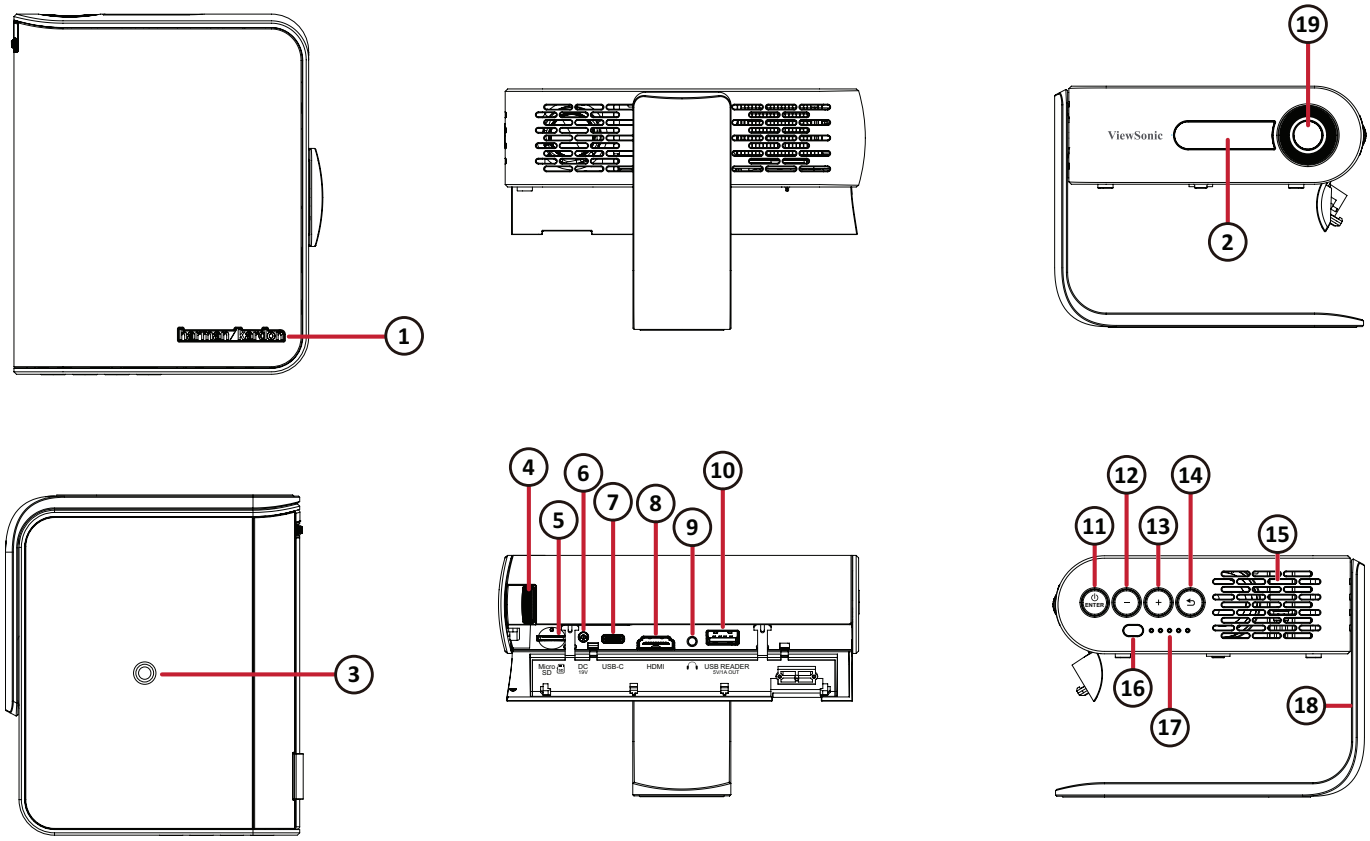
6

7

Item	Description
[1]	Projector
[2]	Power Cord
[3]	USB Type C Cable
[4]	Power Adapter
[5]	Remote Control with Batteries
[6]	Carrying Bag
[7]	Quick Start Guide

Product Overview

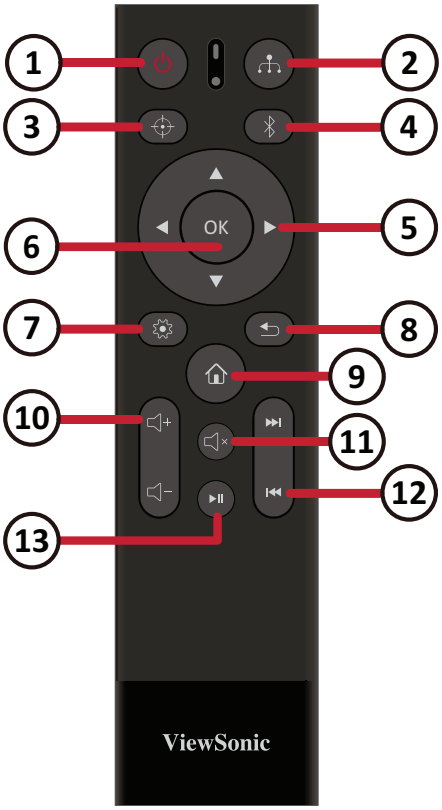
Projector



Item	Description	Item	Description
[1]	Speaker	[11]	Enter[1]/ Power Button[2]
[2]	IR Receiver	[12]	Volume Down[3]
[3]	Tripod mount	[13]	Volume Up[4]
[4]	Focus Ring	[14]	Return[5]
[5]	Micro SD slot	[15]	Speaker PR
[6]	DC IN	[16]	IR Receiver
[7]	USB-C	[17]	Battery Indicator
[8]	HDMI	[18]	Smart Stand
[9]	Audio Out	[19]	Lens
[10]	USB Type A		

1 Enacts the selected On-Screen Display (OSD) menu item.
2 Press and hold for three (3) seconds to Power On/Off the projector.
3 Decrease the volume level when the OSD menu doesn't enable; Down.
4 Increase the volume level when the OSD menu doesn't enable; Up.
5 Press and hold for three (3) seconds to view the source list.

Remote Control



Button	Description
[1] Power	Turns the projector On or Off
[2] Source	Displays the input source selection menu
[3] Focus	Automatically focus the image[1]
[4] Bluetooth Mode	Enable Bluetooth
[5] Up/Down/Left/Right	Navigate and select menu items; Keystone adjustment
[6] OK	Confirms the selection
[7] Setting	Displays the Setting menu
[8] Return	Returns to the previous screen
[9] Home	Access the Home screen
[10] Volume Control	Increase or decrease the volume level
[11] Mute	Mute the volume
[12] Next/Previous	Move to next/previous
[13] Play/Pause	Play or pause media

1 **NOTE:** This model doesn't support this feature.

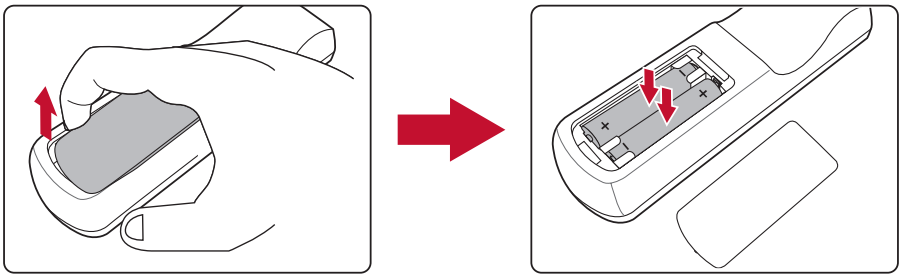
Remote Control - Effective Range

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.)

Remote Control - Replacing the Batteries

1. To open the battery cover, turn the remote control over to view its back, open the cover in the direction of the arrow.
2. Remove any existing batteries (if necessary) and install two AAA batteries observing the battery polarities as indicated in the base of the battery compartment. Positive (+) goes to positive and negative (-) goes to negative.
3. Replace the battery tray 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 battery is drained or if you will not be using the remote control for an extended period of time, remove the battery to avoid damage to the remote control.
- Dispose of used batteries according to the manufacturer's instructions and local environment regulations for your region.

Initial Setup

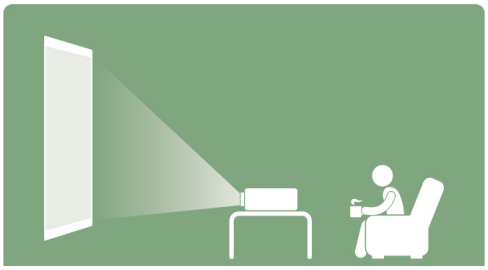
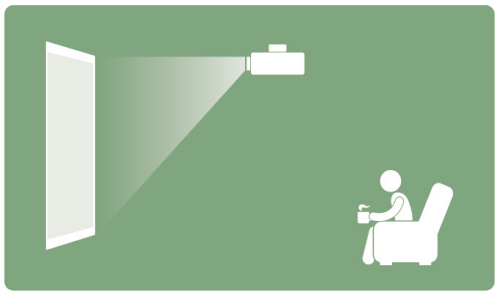
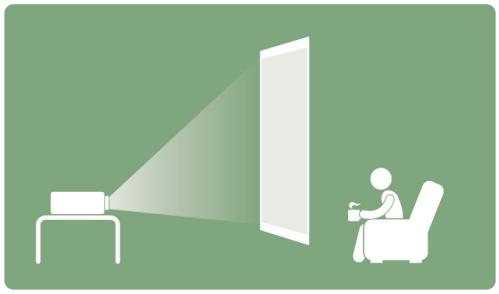
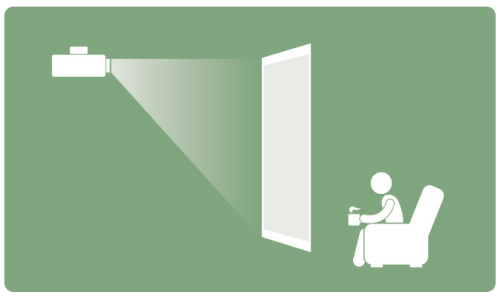
This section provides detailed instructions for the initial set up your projector.

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.

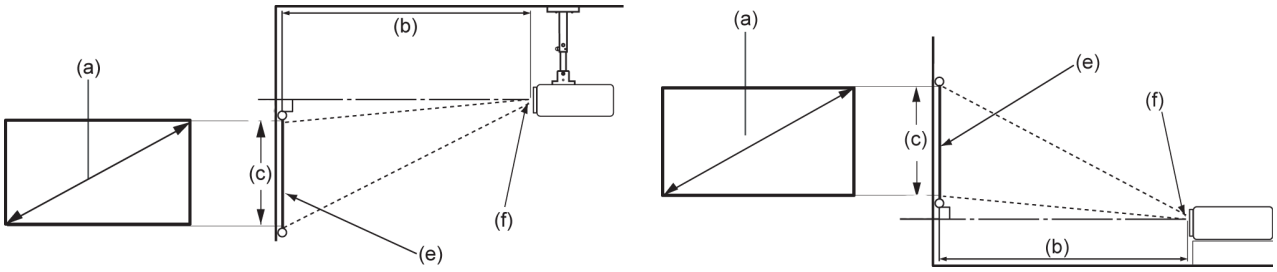
The projector is designed to be installed in one of the following locations:

Location	
Front Table The projector is placed near the floor in front of the screen.	
Front Ceiling The projector is suspended upside-down from the ceiling in front of the screen.	
Rear Table[1] The projector is placed near the floor behind the screen.	
Rear Ceiling[1] The projector is suspended upside-down from the ceiling behind 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

16:9 Image on a 16:9 Screen

(a) Screen Size		(b) Projection Distance		(c) Image Height		Image Width	
in.	cm	in.	m	in.	cm	in.	mm
30	76.2	32.16	0.82	14.7	37.36	26.15	664
40	101.6	42.88	1.09	19.6	49.81	34.86	886
50	127	53.6	1.36	24.5	62.26	43.58	1107
60	152.4	64.32	1.63	29.4	74.72	52.29	1328
70	177.8	75.04	1.91	34.3	87.17	61.01	1550
80	203.2	85.76	2.18	39.2	99.62	69.73	1771
90	228.6	96.48	2.45	44.1	112.07	78.44	1992
100	254	107.2	2.72	49	124.53	87.16	2214

NOTE: There is a 3% tolerance among these numbers due to optical component variations. It is recommended to physically test the projection size and distance before permanently installing the projector.

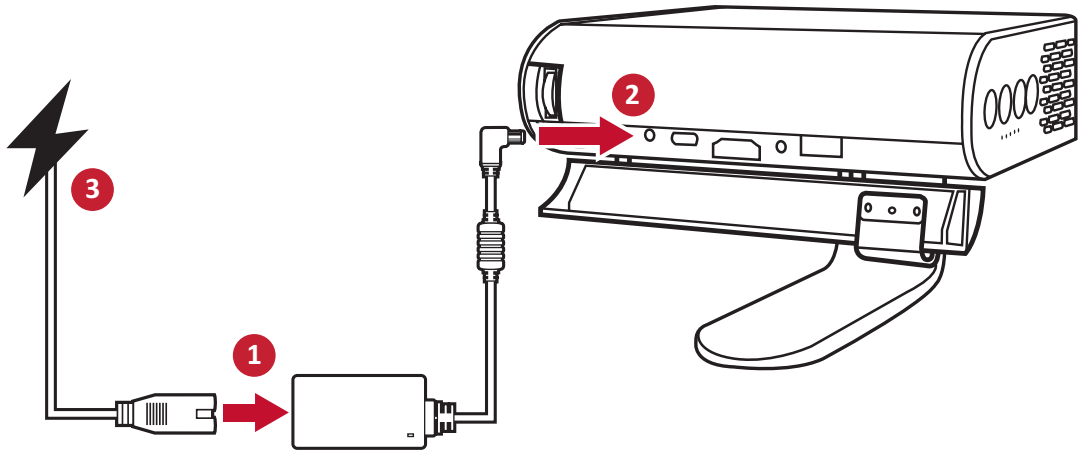
> Making Connections

This section guides you on how to connect the projector with other equipment.

Connecting to Power

DC Power (Power Outlet)

1. Connect the power cord to the power adapter.
2. Connect the power adapter to the DC IN jack at the side of the projector.
3. Connect the power cord plug to a power outlet. When connected, the status LED will turn red.

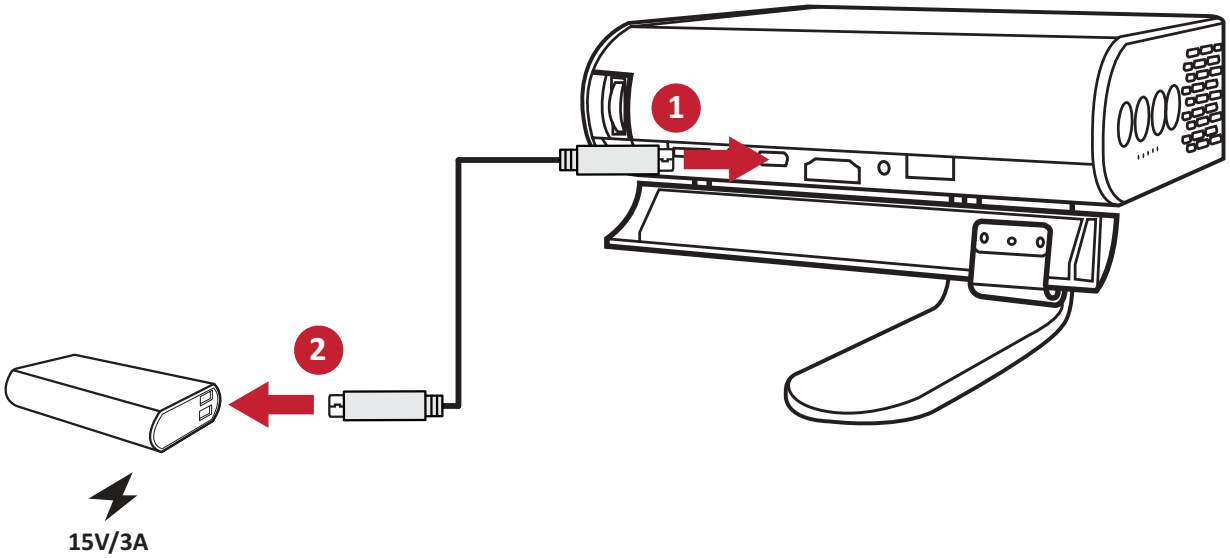


NOTE:

- Charge the projector for 4.5 hours via the power adapter before using it in battery mode for the first time.

Power on by Power Bank Function

The projector can also be powered by a power bank.



To power your projector:

1. Connect one end of the USB Type-C cable to the **USB-C** port of the projector.

2. Connect the other end of the USB Type-C cable to the power bank.

NOTE: The power bank should be 45W (15V/3A) at least, and support Power Delivery (PD) protocol output. Additionally, at 15V/3A the projector can be powered on and charge simultaneously.

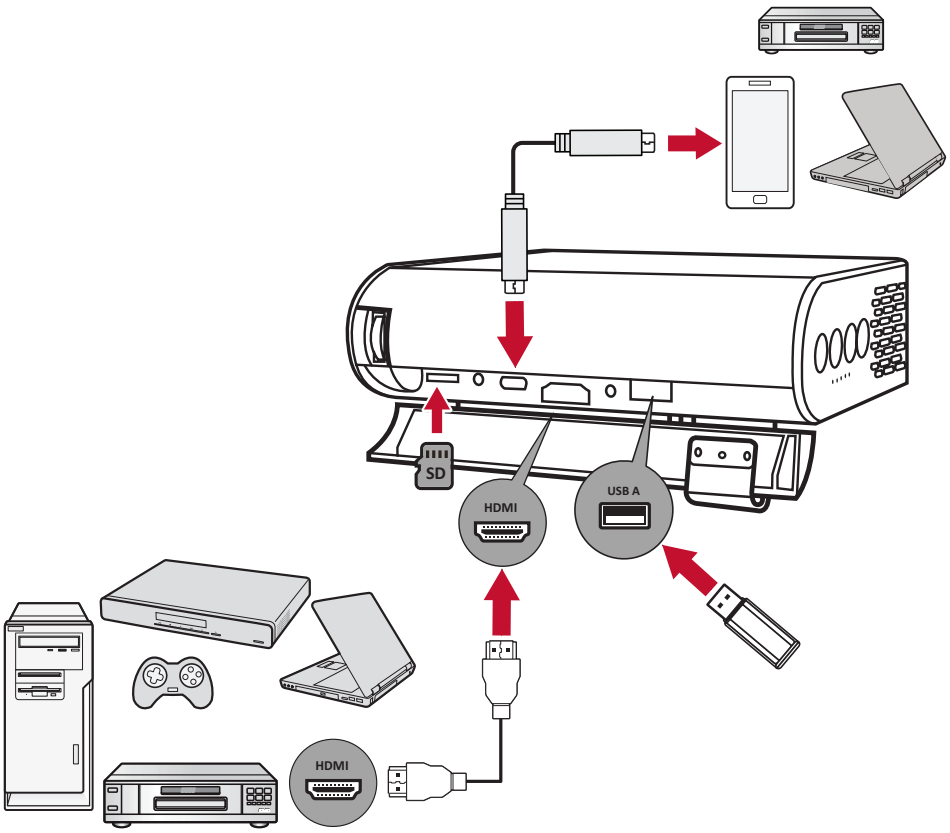
Using the Battery

The battery level icon will show at the top right of the **Home Screen**. As the battery's power level runs low, the screen will show a "low battery message".

Battery Usage Time Information

Charging	About 4.5 hours
Usage Hours	up to 6 hours (Battery Saving) up to 4 hours (Extended Eco) up to 3 hours (Eco) up to 2.5 hours (Full)
Battery Level Indicator (Charging)	During Charging: Flashing White LED light Full Charge: Solid White LED light

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 (supports HDCP 1.4/HDMI 1.4) of your projector.

USB Connection

USB Type A Connection

To enjoy photos, music, and movies, simply plug in a USB flash drive to the **USB Type A** port. For supported file formats, see page 48.

USB-C Connection

Connect one end of a USB Type C cable to the USB-C port of your device. Then connect the other end of the cable to the **USB-C** port of your projector.

NOTE:

- Ensure your USB Type C device can support video transmission.
- The connected device can also be charged (5V/2A).

Micro SD

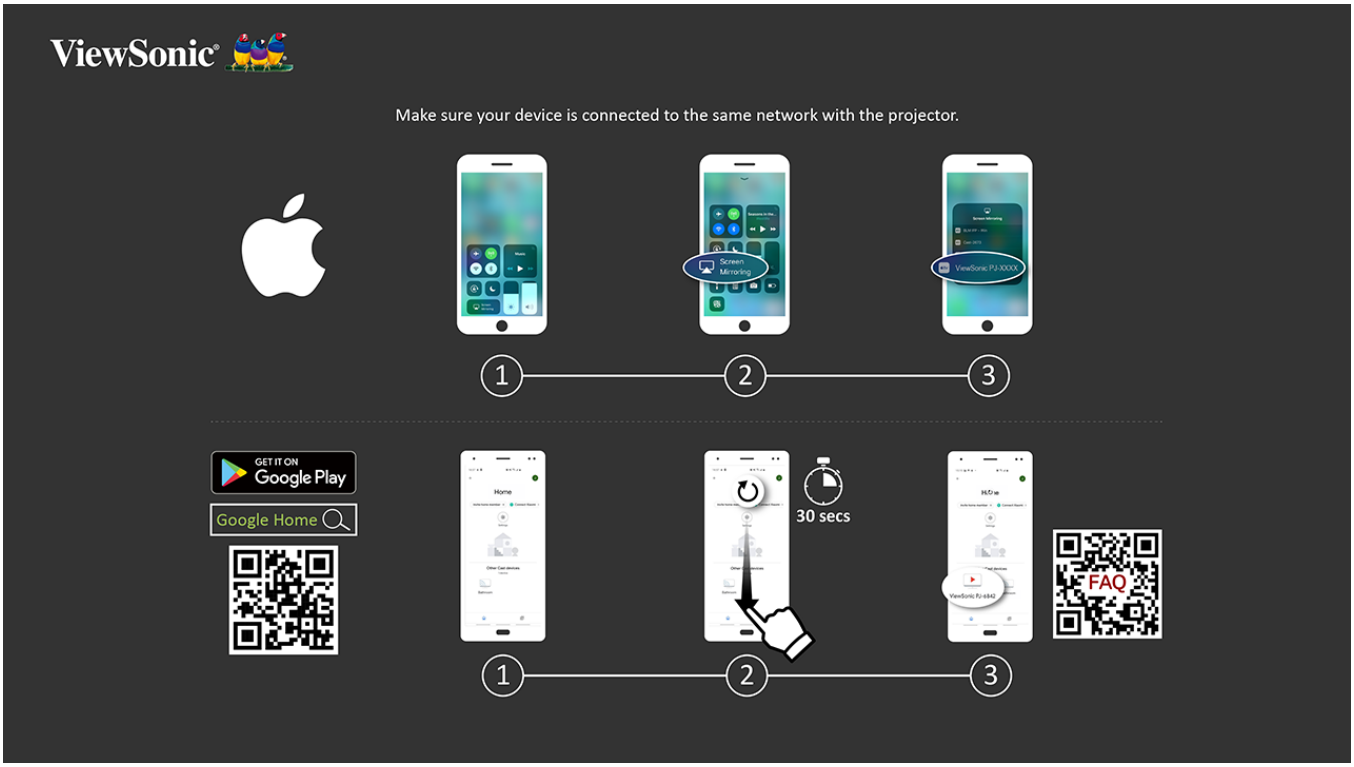
To enjoy photos, music, and movies, simply plug in a Micro SD to the **Micro SD** slot. For supported file formats, see page 48.

NOTE: Only supports FAT32 format and up to 64 GB.

Wireless Screen Mirroring

Screen Mirroring provides a 5GHz Wi-Fi connection for users to mirror the screen on their personal device.

NOTE: Ensure your device is connected to the same network as the projector.



For iOS:

1. Access the drop down control menu.

2. Select the “Screen Mirroring” icon.

3. Choose “ViewSonic PJ-XXXX”.

For Android:

1. Download and install the “Google Home” application and open it.

2. Pull-to-refresh the app and wait for 30 seconds.

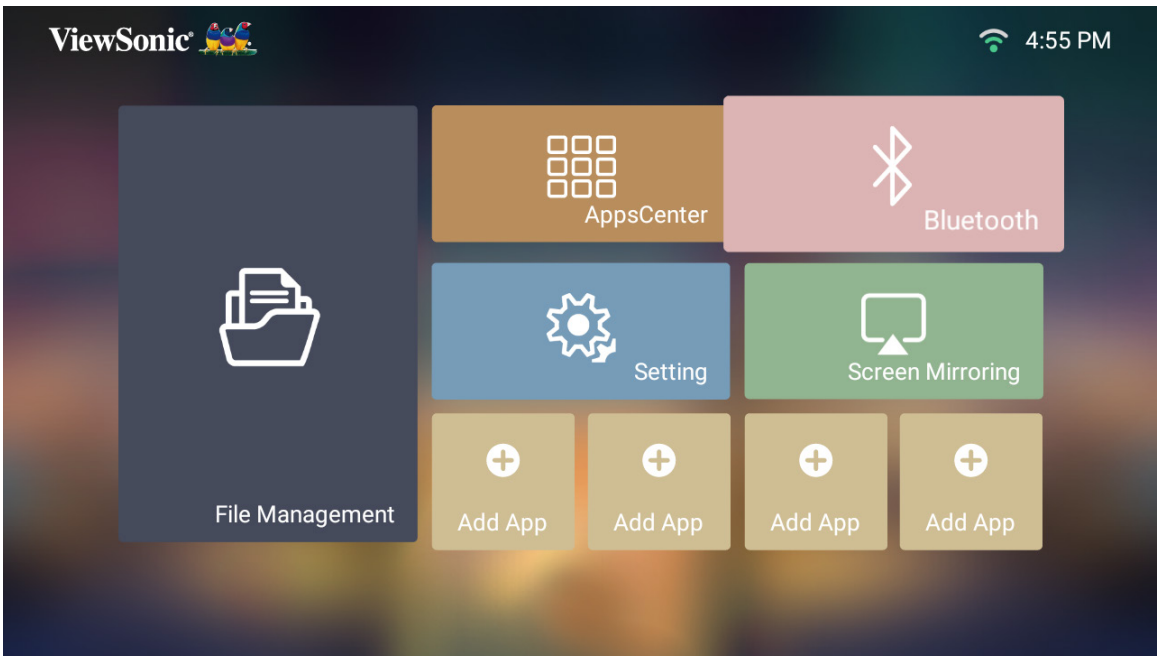
3. “ViewSonic PJ-XXXX” will now be visible, select it.

NOTE: Some Android devices support direct “Casting”. If your device does, go to the Casting feature and choose “ViewSonic PJ-XXX” from the list of available devices. You can also scan the FAQ QR code and follow the steps to directly cast your Android device.

Connecting to Bluetooth

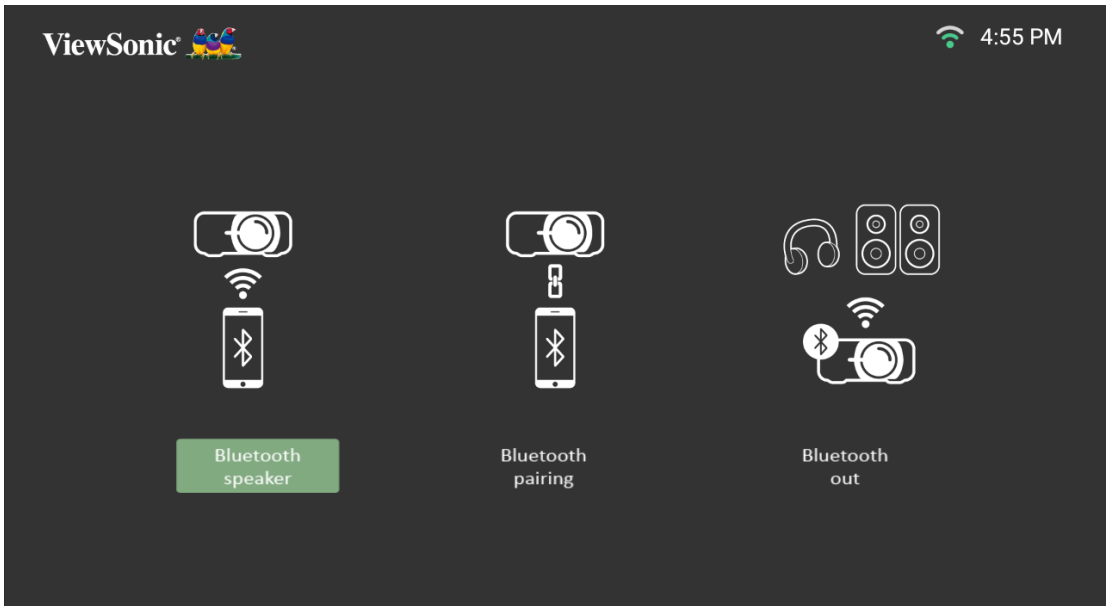
Bluetooth Speaker

The projector is equipped with Bluetooth that allows the user to connect their device wirelessly for audio playback.

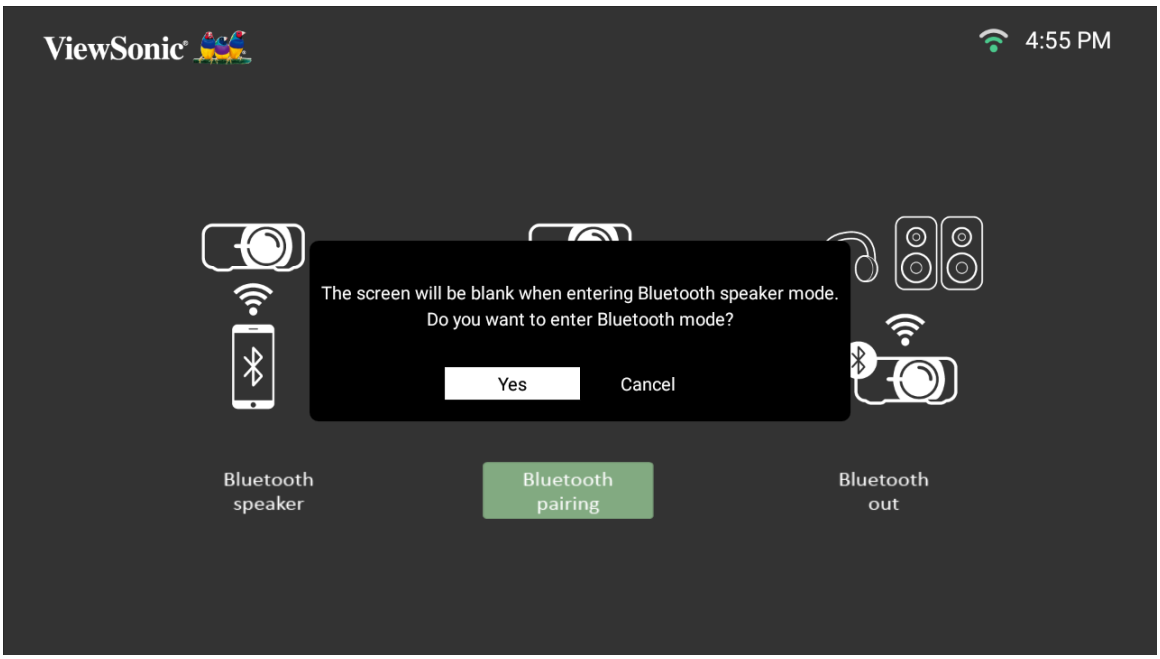


To connect and pair your device:

1. Go to: **Home** > **Bluetooth**.
2. Use the **Left** and **Right** directional buttons on the remote control to select **Bluetooth Speaker** or **Bluetooth Pairing**. Then press **OK** on the remote control.



3. When the below dialogue box appears, select **Yes** and press **OK** on the remote control to enter Bluetooth mode.



4. A sound effect will be audible upon entering pairing mode.

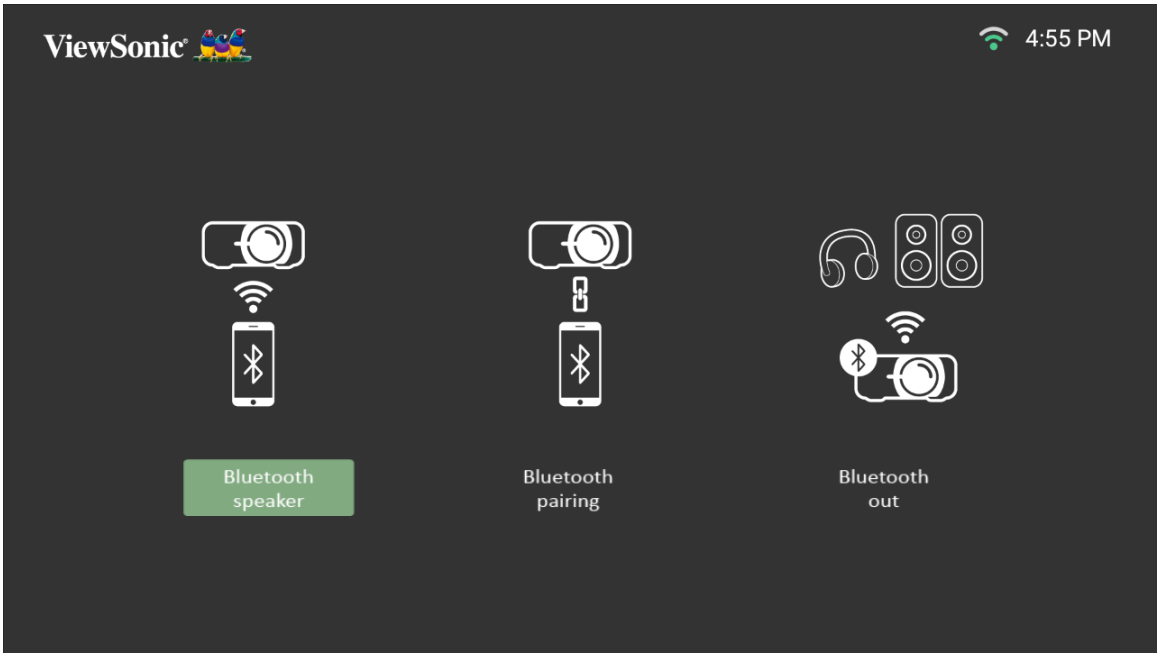
5. Upon successful connection, another sound effect will be audible.

NOTE:

- Once paired, if both the projector and your device are powered On they will automatically connect via Bluetooth.
- The projector's name will be labeled as "M1+".

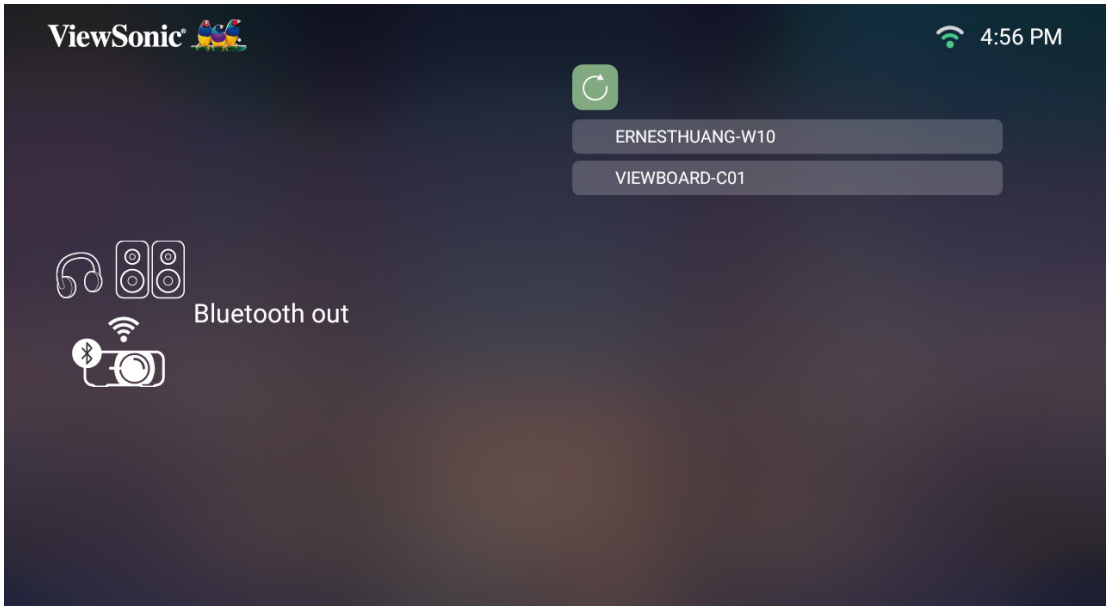
Bluetooth Out

Connect the projector to external headphones or speakers that support Bluetooth.



To connect and pair your device:

1. Go to: **Home** > **Bluetooth**.
2. Use the **Left** and **Right** directional buttons on the remote control to select the **Bluetooth Out** option.



3. The projector will search for nearby Bluetooth devices. Select your device from the list and press **OK** on the remote control.

NOTE: Select the refresh icon and press **OK** to search for Bluetooth devices again.

Connecting to Networks

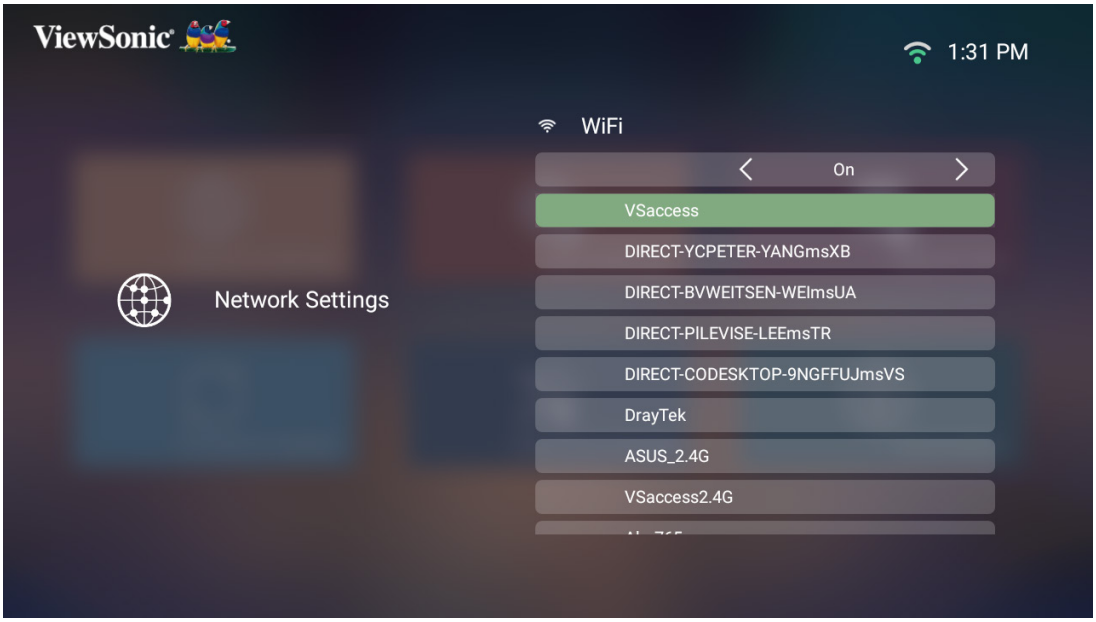
Wi-Fi Connection

To connect to a Wi-Fi network:

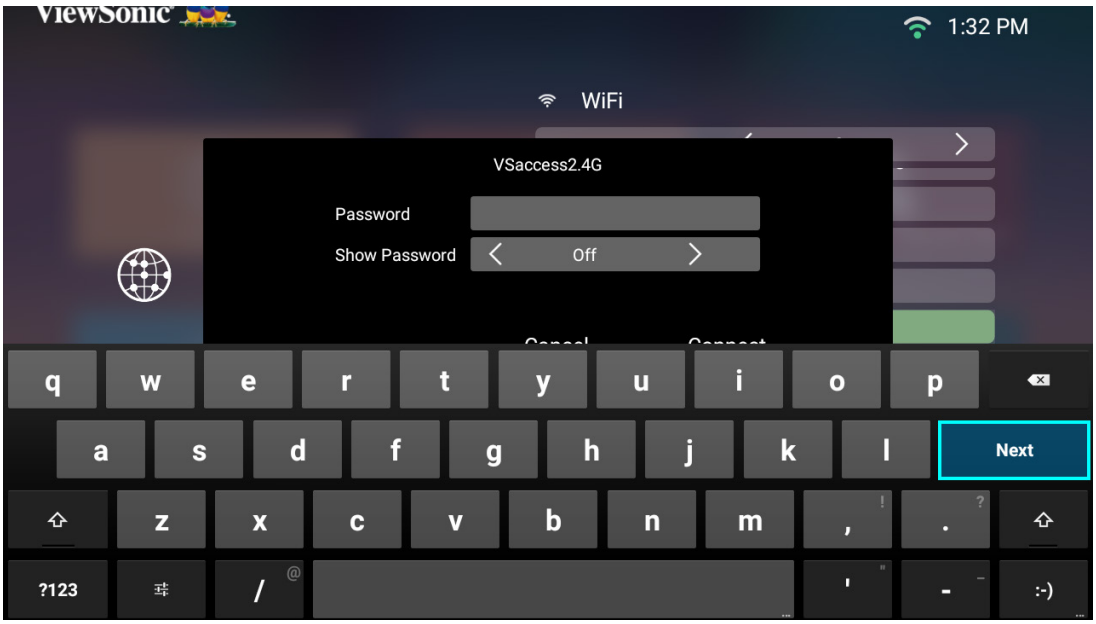
1. Go to: **Home** > **Setting** > **Network Settings** > **Wi-Fi**

2. Press **Left** or **Right** on the remote control to select **On**.

3. Available Wi-Fi networks will then be displayed. Select one of the available Wi-Fi networks.

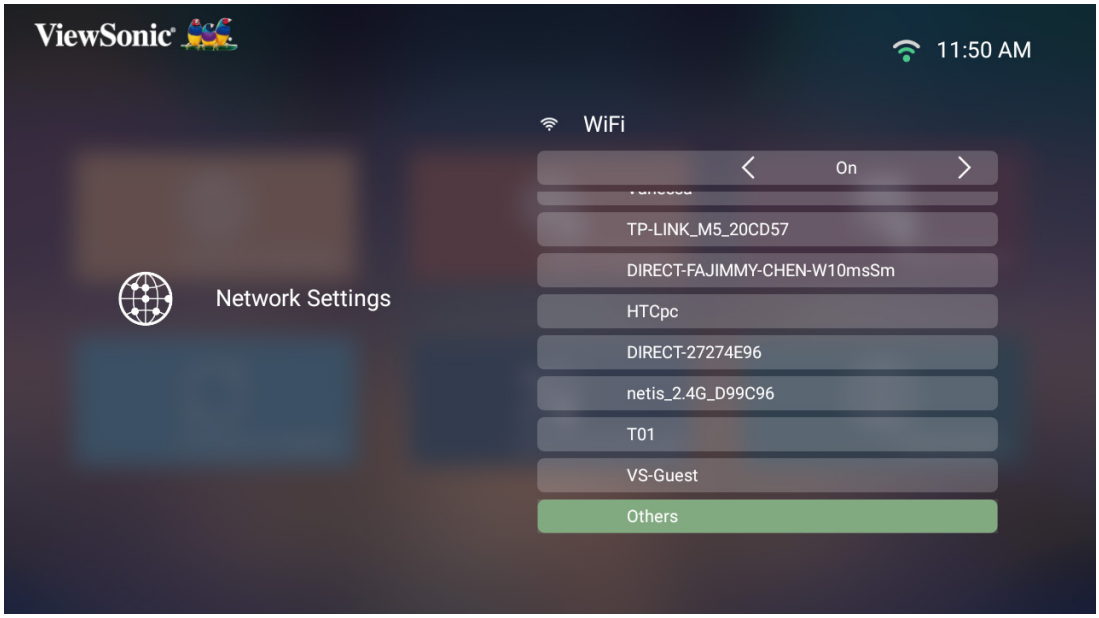


4. If you connect to a secure Wi-Fi network, you must enter the password when prompted.

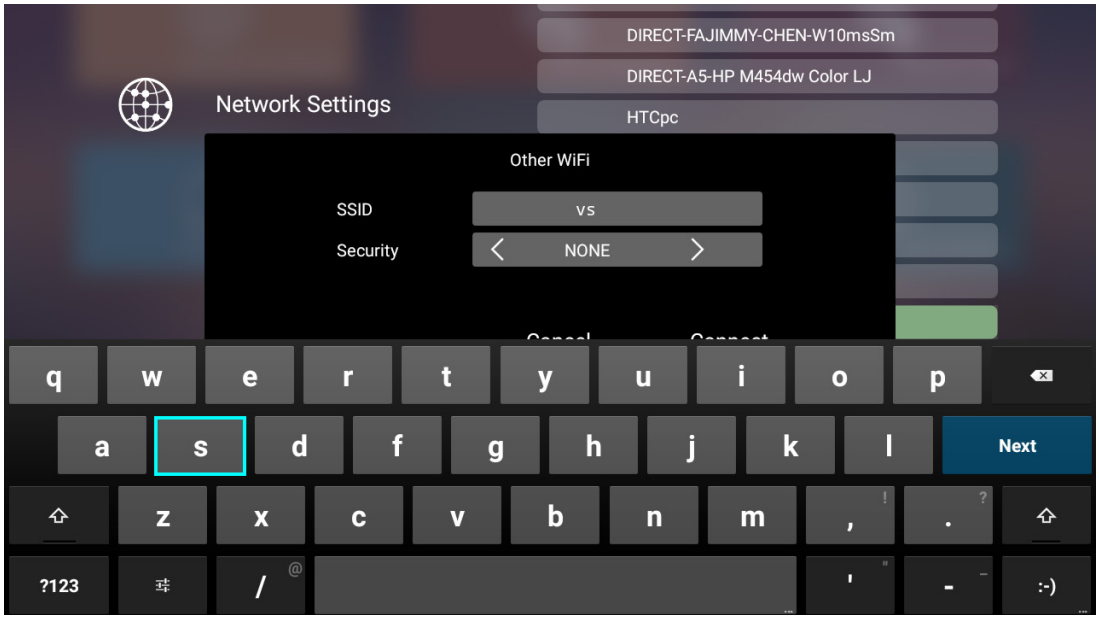


Custom SSID

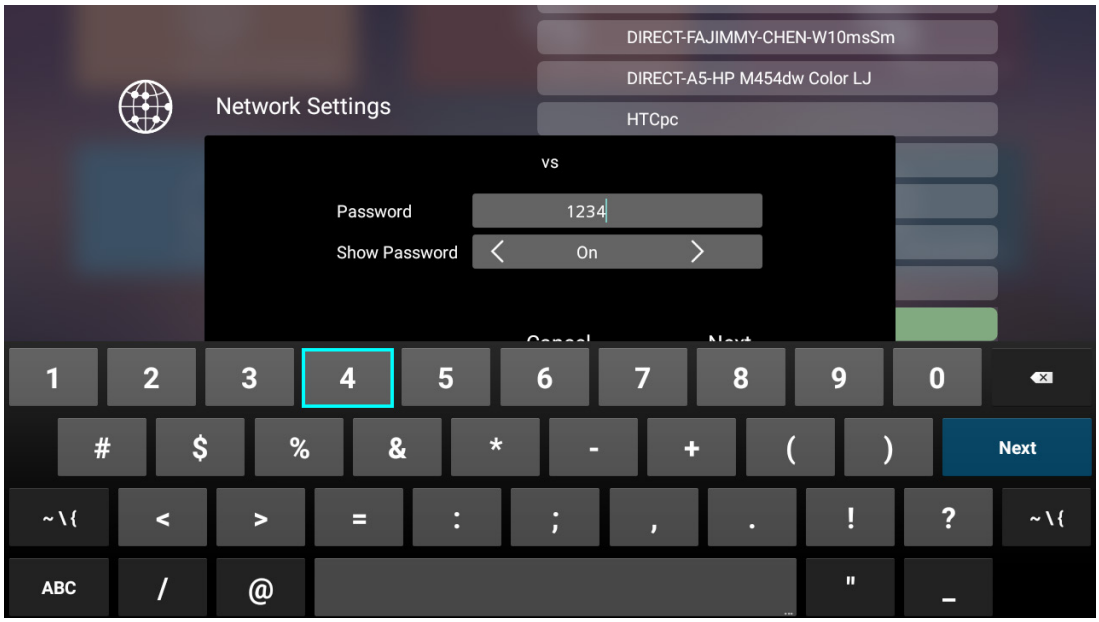
1. Go to: **Home** > **Setting** > **Network Settings** > **Wi-Fi**
2. Press **Left** or **Right** on the remote control to select **On**.
3. From the available Wi-Fi networks list select **Others** and press **OK** on the remote control.



4. Enter the SSID and select the security level.



5. Enter the password when prompted.

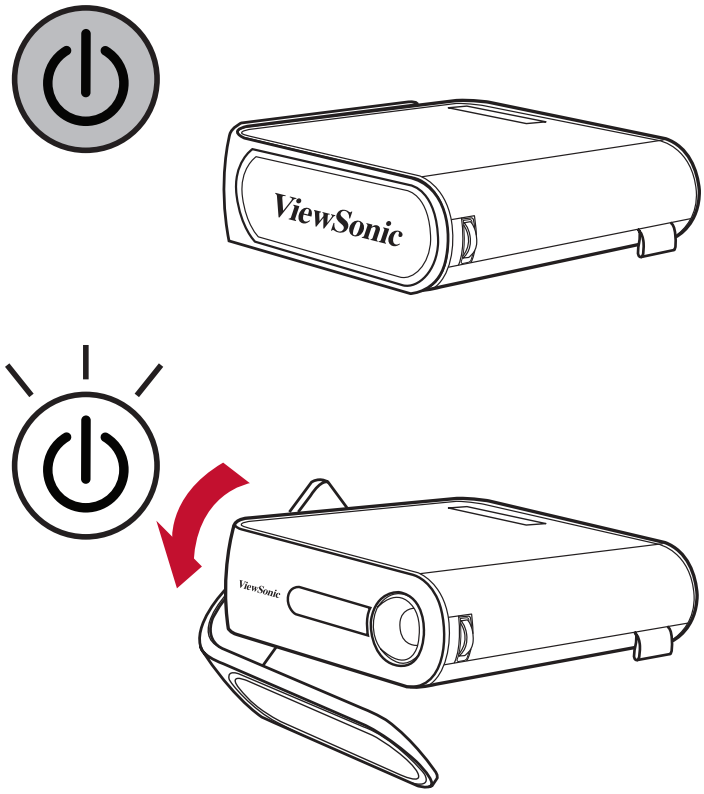


NOTE: It is recommended to let the system configure the network settings automatically.

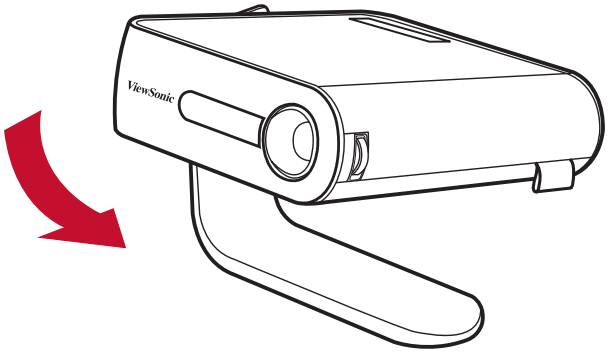
Using the Projector

Starting Up the Projector

1. Ensure the projector is connected to a power source or that the battery has sufficient charge.
2. Open the Smart Stand by moving its lens cover down.



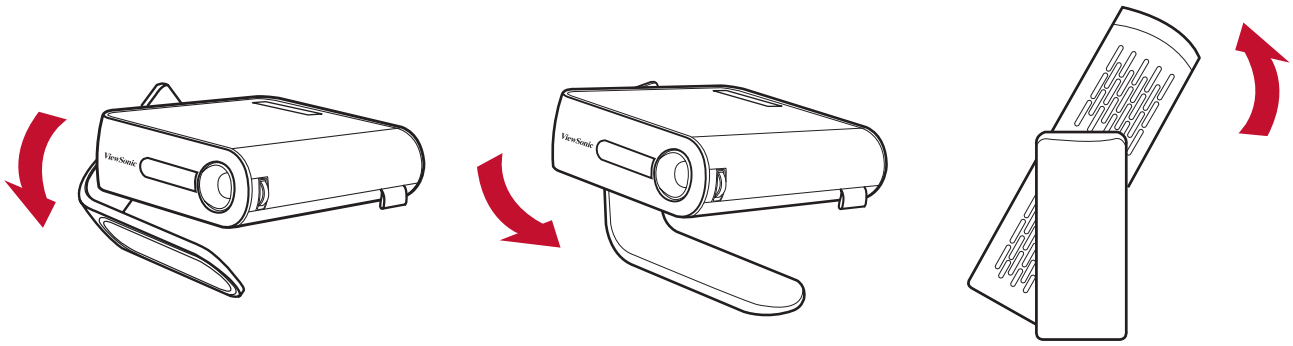
3. Move the Smart Stand to your desired viewing angle.



Adjusting the Projected Image

Adjusting the Projector's Height and Projection Angle

The projector is equipped with one (1) Smart Stand. Adjusting the stand will change the projector’s height and the vertical projection angle. Carefully adjust the stand to fine tune the projected image’s position.

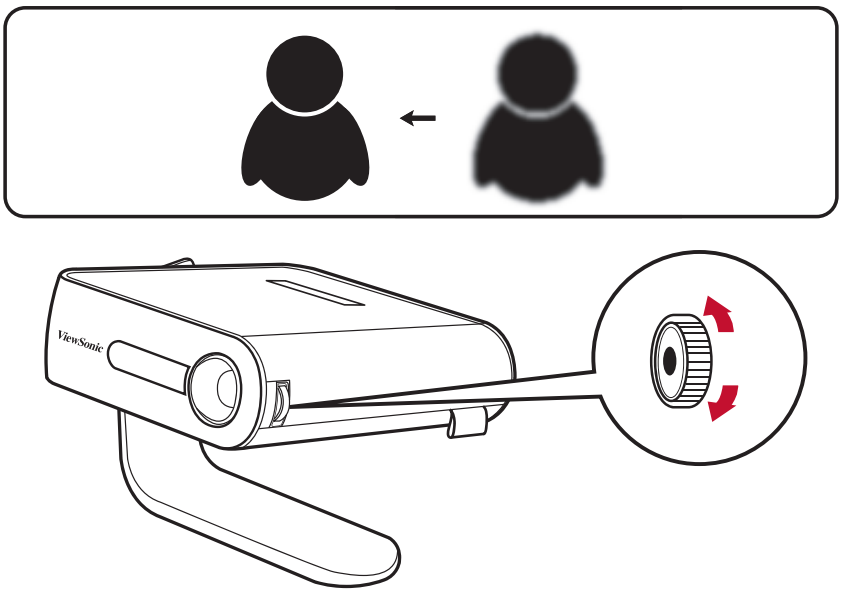


NOTE:

- 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 Vertical Keystone” function will correct the issue automatically.

Adjusting the Focus

To adjust the focus of the on-screen image, slowly move the focus ring upwards or downwards.



First Time Activation

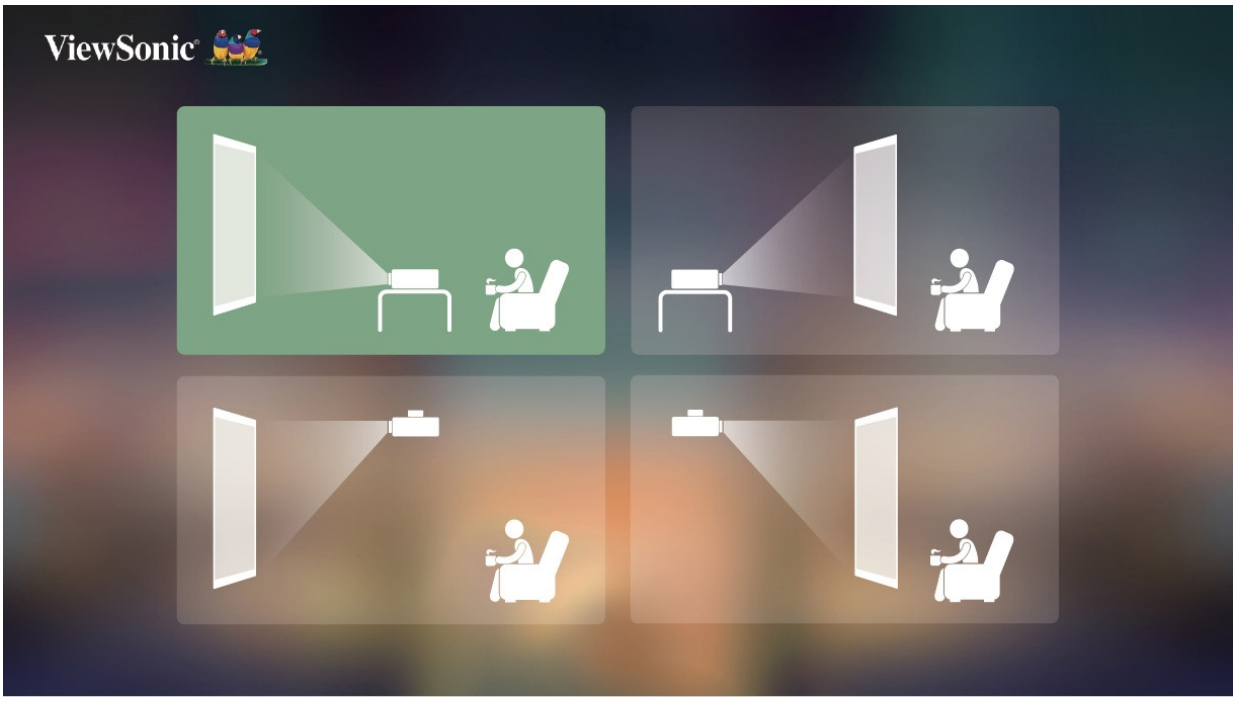
If the projector is activated for the first time, you will need to select your Preferred Language, Projection Orientation, and Network Settings. Follow the on-screen instructions using the **OK** and **Up/Down/Left/Right** buttons on the remote control. When the “Finish screen” appears, this indicates the projector is ready to use.

Preferred Language

Select the desired language and press **OK** to confirm the selection.

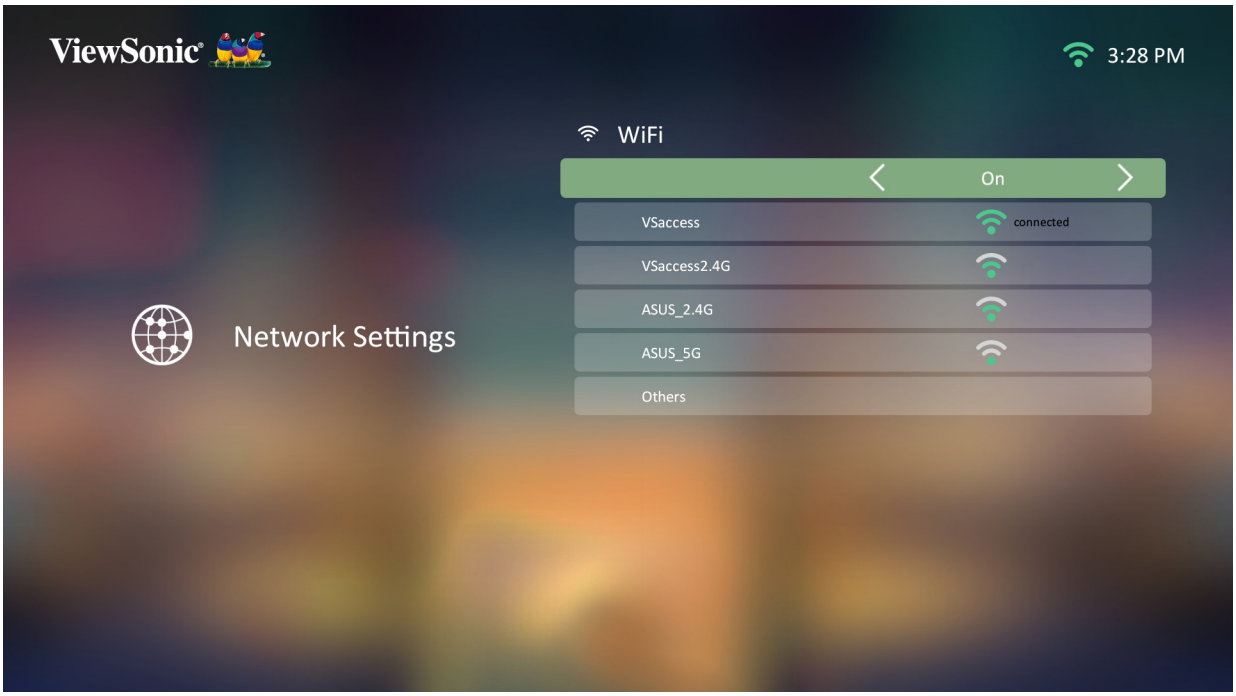
Projection Orientation

Select the preferred projection orientation and press **OK** to confirm the selection. For more information, see page 12.



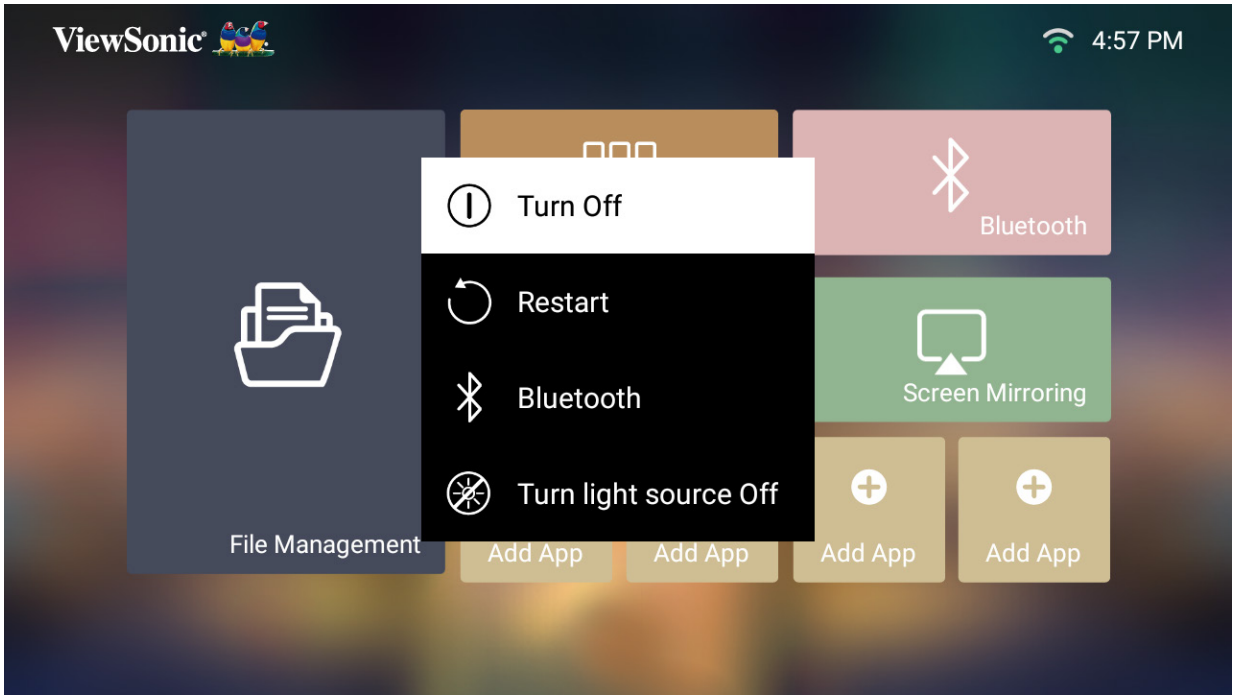
Network Settings

Select one of the available Wi-Fi options. For more information, see page 21.



Shutting Down the Projector

1. Press and hold the **Power** button for three (3) seconds on the projector, or press the **Power** button on the remote control.
2. Pressing the **Power** button on the remote control will result in the following message:



3. Press the **Up/Down** buttons on the remote control to select **Turn Off** and press **OK** on the remote control.

NOTE: When not in use, please press the **Power** button to power off. If only using the Power button on the remote control to power off, the projector will enter standby mode and the embedded battery will still consume some power.

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

After your input source is selected, you can adjust the **Image Setting** and **Advanced** menus.

Main Menu	Sub-menu	Menu Option	
Image Setting	Color Mode	Brightest	
		TV	
		Movie	
		Gaming	
	Brightness	(-/+, 0~100)	
	Contrast	(-/+, 0~100)	
	Color Temp	6500K	
		7500K	
		9300K	
	Tint	(-/+, 0~100)	
	Saturation	(-/+, 0~100)	
	Sharpness	(-/+, 0~100)	
	Gamma	1.8	
		2.0	
		2.2	
		2.35	
		2.5	
		sRGB	
		Cubic	
	Reset Current Color Settings	Yes	
		Cancel	

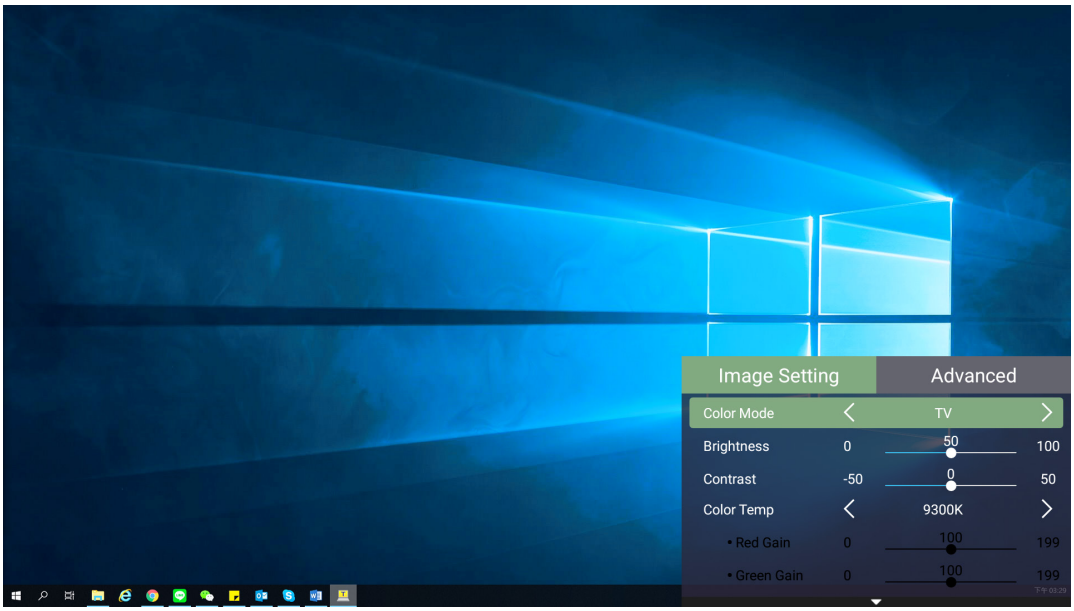
Main Menu	Sub-menu	Menu Option	
Advanced	Aspect Ratio	Auto	
		4:3	
		16:9	
	HDMI Settings	Range	Auto
			Full
			Limited
	3D Settings	3D Sync	Auto
			Off
			Frame Sequential
			Frame Packing
			Top-Bottom
			Side-by-Side
		3D Sync Invert	Disable
			Invert
	harman/kardon	Audio Mode	Movie
			Music
			User
		Audio Volume	(-/+, 0~20)
		Mute	Off
			On
	Light Source Level	Full	
		Eco	
		Extended Eco	
		Battery Saving	
	Information	Source	Ex. HDMI
		Resolution	Ex. 1920 x 1080 @60Hz
		3D Format	Ex. Frame Packing

Image Setting Menu

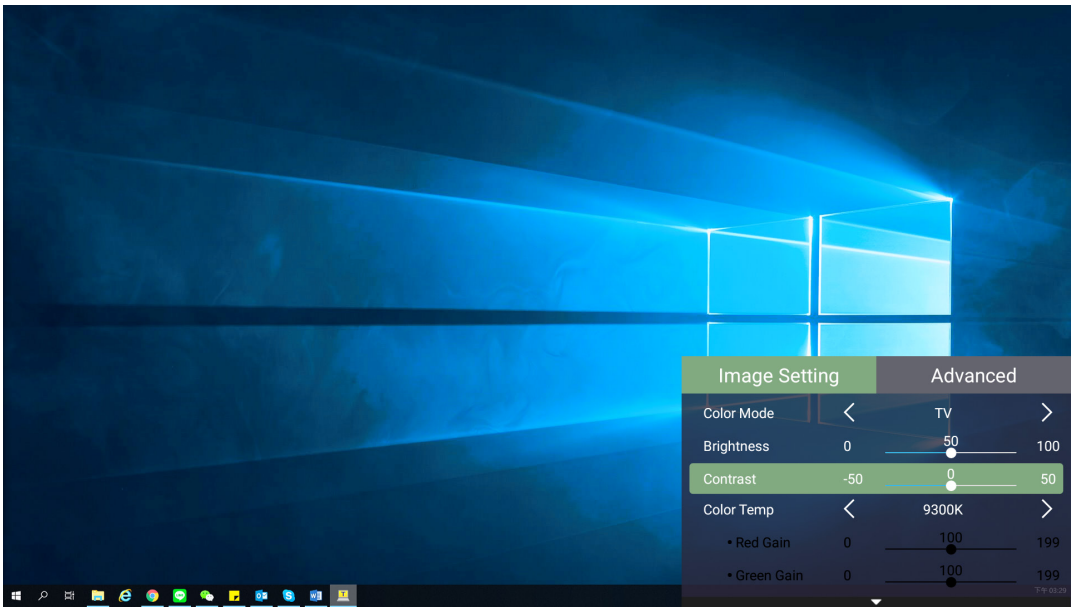
After your input source is selected, you can adjust the **Image Setting** menu.

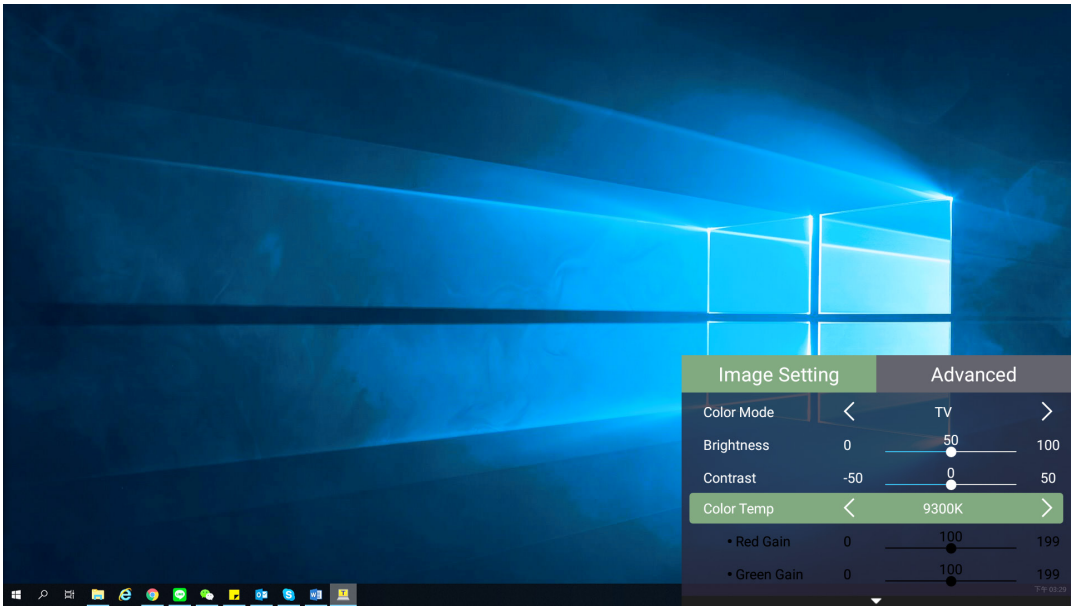
To access the **Image Setting** menu:

1. Press **Setting** on the remote control.

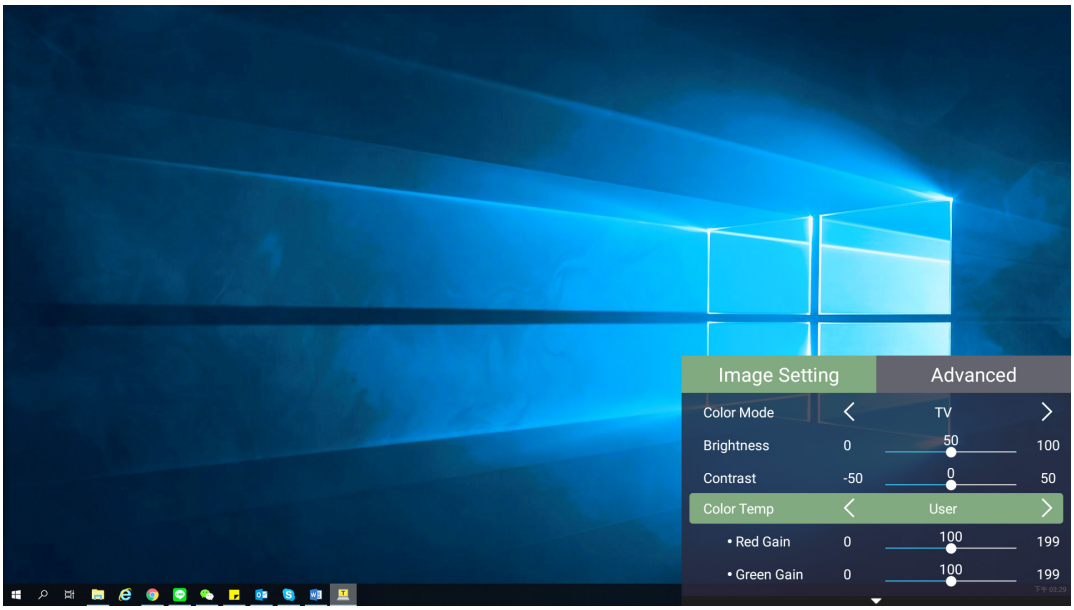


2. Use the **Up/Down** buttons to select a menu.

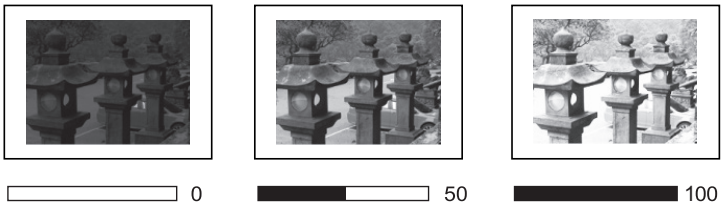
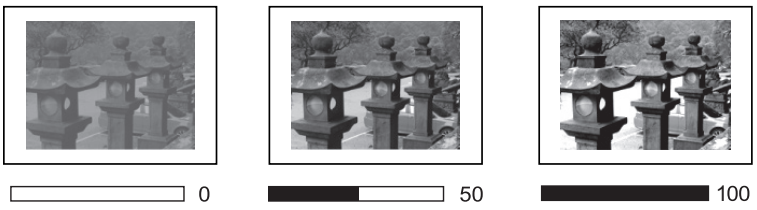




3. Then use the **Left/Right** buttons to enter the sub-menu(s) and/or adjust the settings.



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

Menu Option	Description
Color Mode	The projector is preset with several predefined picture modes so that you can choose one to suit your operating environment and input signal. **Brightest** Maximizes the brightness of the projected image. This mode is suitable for environments where extra-high brightness is required, i.e. well-lit rooms. **TV** Optimized for viewing sports in well-lit environments. **Movie** Appropriate for colorful movies, video clips from digital cameras, or DVs through the PC input. Best for low-light environments. **Gaming** Designed for playing video games. **NOTE:** Only supports HDMI/USB-C signal input.
Brightness	The higher the value, the brighter the image. Lower values will result in a darker image. 
Contrast	Use this to set the peak white level after you have previously adjusted the **Brightness** setting to suit your selected input and viewing environment. 
Color Temp	Select the color temperature setting. • 6500K: Maintains normal white coloring. • 7500K: A higher, cooler color temperature than 6500K. • 9300K: The highest color temperature; makes the image appear the most bluish-white.

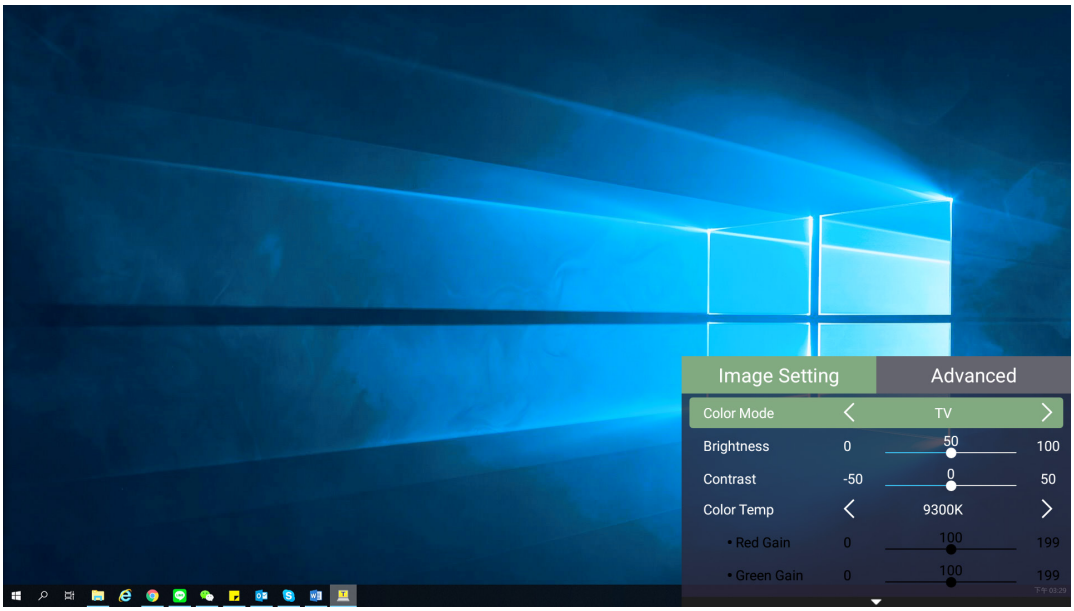
Menu Option	Description
Tint	The higher the value, the more greenish the picture becomes. The lower the value, the more reddish the picture becomes.
Saturation	Refers to the amount of that color in a video picture. Lower settings produce less saturated colors; in fact, a setting of “0” removes that color from the image entirely. If the saturation is too high, that color will be overpowering and unrealistic.
Sharpness	A high value results in a sharper picture; a low value softens the picture.
Gamma	Reflects the relationship between input source and picture brightness.
Reset Current Color Settings	Return current color settings to their default values.

Advanced Setting Menu

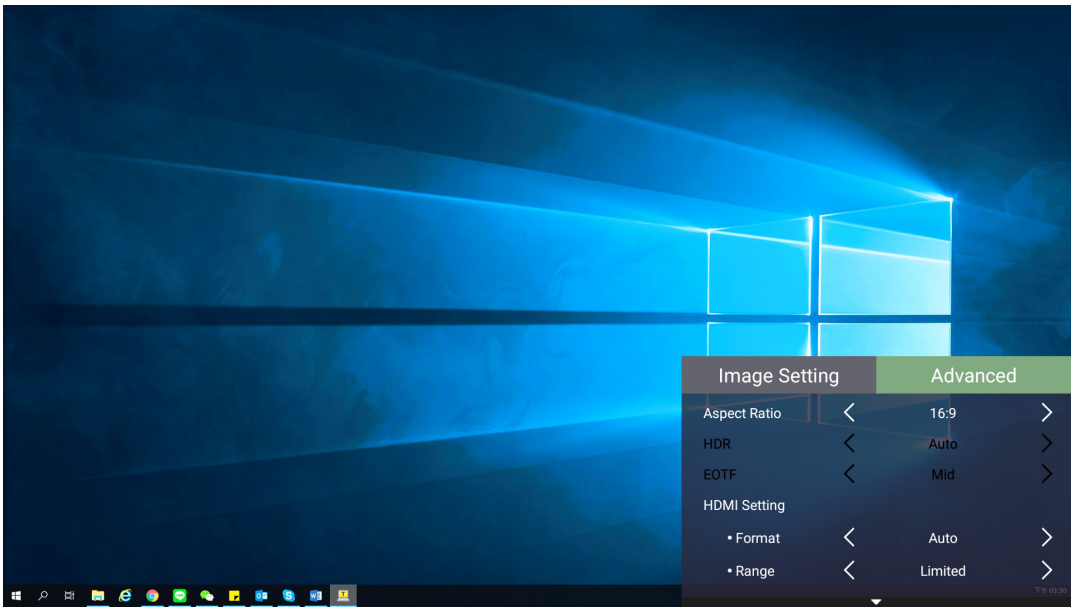
After your input source is selected, you can adjust the **Advanced** menu.

To access the **Advanced** menu:

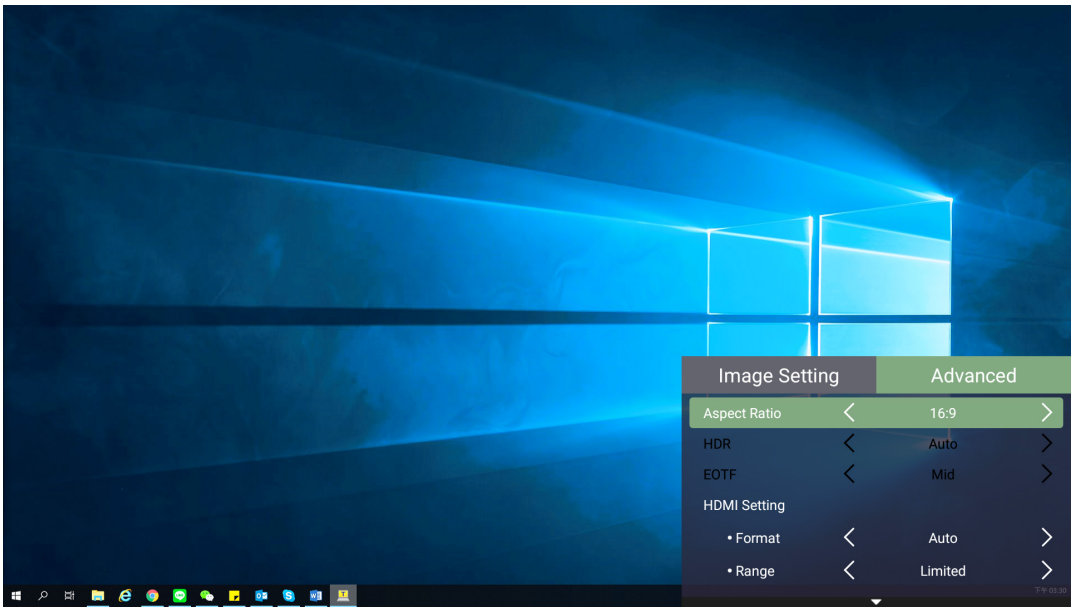
1. Press **Setting** on the remote control.



2. Press the **Right** button to access the **Advanced** menu.



3. Use the **Up/Down** buttons to select a menu.



4. Then use the **Left/Right** 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 Option	Description
Aspect Ratio	The aspect ratio is the ratio of the image width to the image height. With the advent of digital signal processing, digital display devices, like this projector, can dynamically stretch and scale the image output to a different aspect than that of the image input signal. **NOTE:** Only supports HDMI/USB C signal input. **Auto** Scales an image proportionally to fit the projector's native resolution in its horizontal width. This is suitable for the incoming image which is neither 4:3 nor 16:9 and you want to make the most use of the screen without altering the image's aspect ratio. **4:3** Scales an image so that it is displayed in the center of the screen with a 4:3 aspect ratio. This is most suitable for 4:3 images like computer monitors, standard definition TV, and 4:3 aspect DVD movies, as it displays them without aspect alteration. **16:9** Scales an image so that it is displayed in the center of the screen with a 16:9 aspect ratio. This is most suitable for images which are already in a 16:9 aspect, like high definition TV.
HDMI Settings	**Range** Select a suitable color range according to the color range setting of the connected output device. • Full: Sets the color range from 0~255. • Limited: Sets the color range from 15~235. • Auto: Sets the projector to detect the range of the input signal automatically.

<table>
<tr><th>Menu Option</th><th>Description</th></tr>
<tr><td>3D Settings</td><td>Enables you to enjoy 3D movies, videos, and sporting events in a more realistic way by presenting the depth of the images while wearing 3D glasses.

<u>3D Sync</u>
Adjust and choose from: Automatic, Off, Frame Sequential, Frame Packing, Top-Bottom, Side-by-Side.

<u>3D Sync Invert</u>
Allows for correction if the 3D image depth is inversed.</td></tr>
<tr><td>harman/kardon</td><td>Adjust the audio settings.</td></tr>
<tr><td>Light Source Level</td><td>Select the suitable power consumption of the LED.
<table><tr><th>Mode</th><th>Power Consumption</th></tr><tr><td>Full</td><td>100%</td></tr><tr><td>Eco</td><td>70%</td></tr><tr><td>Extended Eco</td><td>55%</td></tr><tr><td>Battery Saving</td><td>30%</td></tr></table></td></tr>
<tr><td>Information</td><td>Shows Input Source, Resolution, and 3D Format.</td></tr>
</table>

Operating the Projector

This section will introduce the **Home Screen** and its menus.

Home Screen

The **Home Screen** is displayed every time you start the projector. To navigate the **Home Screen**, simply use the directional buttons on the remote control. You can return to the main **Home Screen** at any time by pressing the **Home** button on the remote control, regardless of what page you are on.

Menu	Description
File Management	Provides a user interface to manage files and folders.
Apps Center	Access and view all installed applications.
Bluetooth	Select the appropriate Bluetooth mode.
Setting	Manage various categories such as: Network settings, Basic and Advanced settings, Date & Time, Firmware update, and System Information.
Screen Mirroring	Mirror your personal device's screen through the projector.
Add App	Select your favorite Apps and add them to the **Home Screen**.

Home Screen - On-Screen Display (OSD) Menu Tree

Main Menu	Sub-menu	Menu Option		
File Management				
Apps Center	Aptoide			
Bluetooth	Bluetooth Speaker			
	Bluetooth Pairing			
	Bluetooth Out			
Setting	Network Settings	Wi-Fi	Off	
			On	SSID:
				Configure IP
				IP Address
				Subnet Mask
				Default Gateway
				DNS Server
				Others
	Date & Time	Automatic Date & Time	Off	
			On	
		Date		
		Time		
		Time Zone		
		Time Format	12 Hours	
			24 Hours	

Main Menu	Sub-menu	Menu Option		
Setting	Basic Settings	Language	English	
			French	
			German	
			Italian	
			Spanish	
			Russian	
			繁體中文	
			簡體中文	
			日本語	
			韓語	
			Swedish	
			Dutch	
			Turkish	
			Czech	
			Portuguese	
			Thai	
			Polish	
			Finnish	
			Arabic	
			Indonesian	
			Hindi	
			Vietnam	
			Greek	
		Projector Projection	Front Table	
			Front Ceiling	
			Rear Table	
			Rear Ceiling	
		Keystone	Manual	(-/+, -40~40)
			Auto V Keystone	Disable
				Enable

Main Menu	Sub-menu	Menu Option		
Setting	Advanced Settings	Power On Source	Home	
			HDMI	
			USB-C	
		Power On/Off Ring Tone	Off	
			On	
		Smart Energy	Auto Power Off	Disable
				10 minutes
				20 minutes
				30 minutes
			Sleep Timer	Disable
				30 minutes
				1 hour
				2 hours
				3 hours
				4 hours
				8 hours
				12 hours
			Power Saving	Enable
				Disable
		harman/kardon	Audio Mode	Movie
				Music
				User
			Audio Volume	(-/+, 0~20)
			Mute	Off
				On
		Light Source Level	Full	
			Eco	
			Extended Eco	
			Battery Saving	

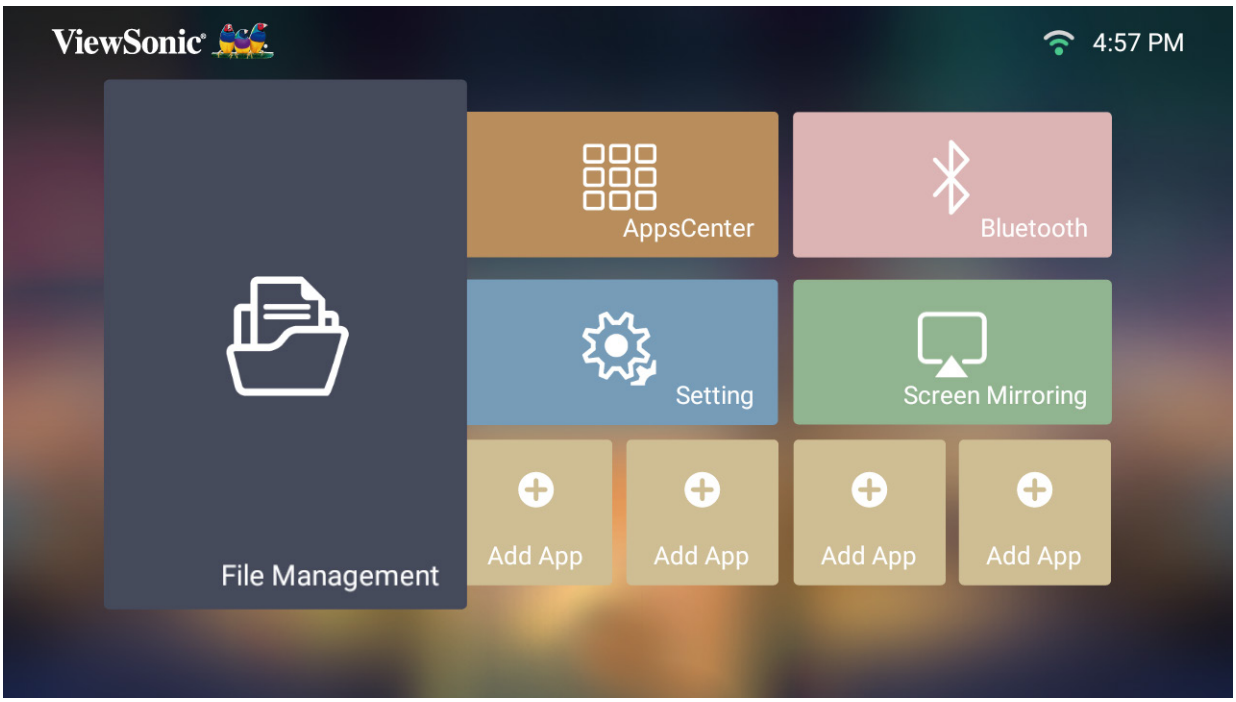
Main Menu	Sub-menu	Menu Option		
Setting	Advanced Settings	High Altitude Mode	Off	
			On	
		Reset Settings	Yes	
			Cancel	
		Reset to Factory Default	Yes	
			Cancel	
	Firmware Upgrade	Software Update Online		
		Software Update by USB		
		OTA Reminder	Enable	
			Disable	
		Software Version		
	Information	Light Source Hours		
		System Version		
		Memory Information	XX GB of XX GB Used	
		Wi-Fi Mac Address		
		Serial Number		
Screen Mirroring				
Add App				
Add App				
Add App				
Add App				

Menu Operations

File Management

Easily manage files and folders.

1. Select: **Home** > **File Management**.



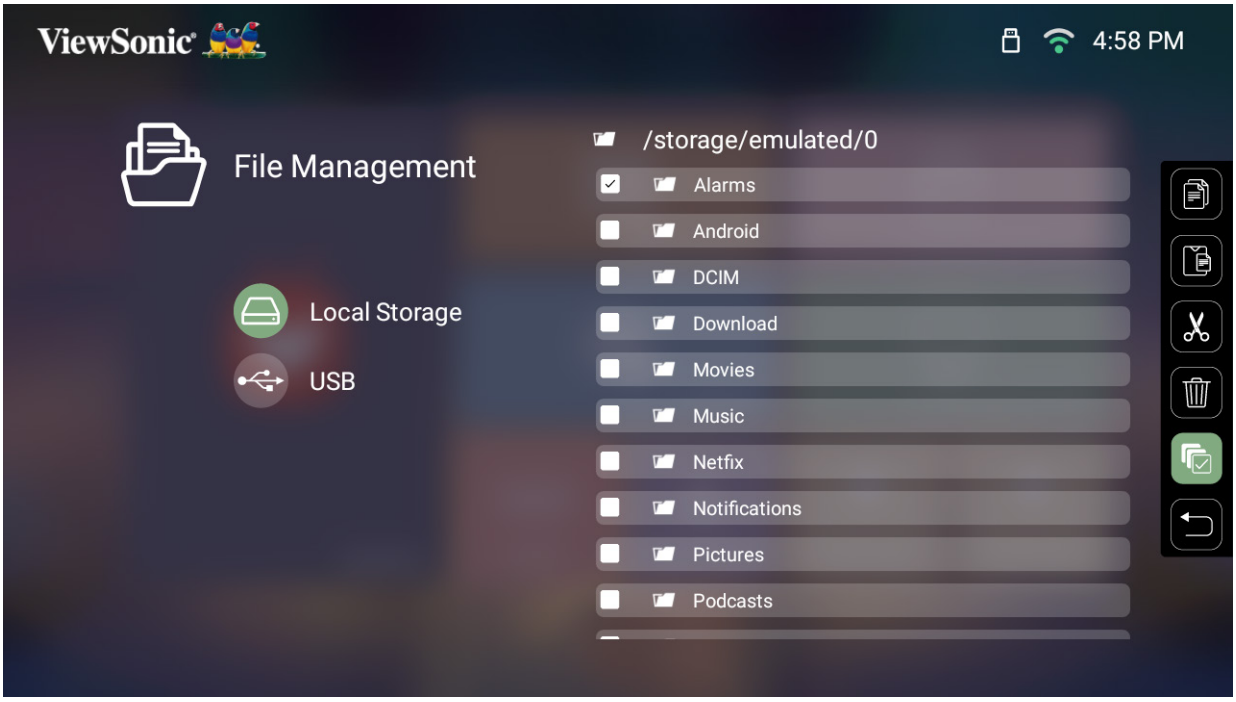
2. Select a device on the source list. Use the direction buttons to select the desired file. Then press **OK** on the remote control to open the selected file.

3. Press the **Return** button to go to a previous a level.

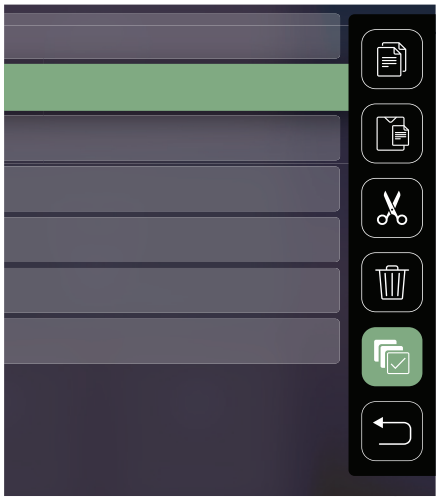
NOTE: Press the **Home** button on the remote control to return to the **Home Screen** at anytime.

How to Edit a File

1. While in **File Management**, press and hold the **OK** button for three (3) seconds.
2. A check box will appear at the front of each file. Use the direction buttons and press **OK** to select one or more files.



3. By pressing the **Right** button, Copy, Paste, Cut, Delete, Select All, and Return boxes will be available for use.



4. Select your desired action and press **OK** to execute.
5. If you are Copying or Cutting, select your 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	
	Back		Back		Back
	Play		Rewind		Play
	Next		Play		Pause
	Zoom in		Pause		Next
	Zoom out		Fast Forward		Shuffle
	Rotate (left)		Next		Repeat All
	Rotate (right)				Repeat One
					Play List
					Information

NOTE:

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

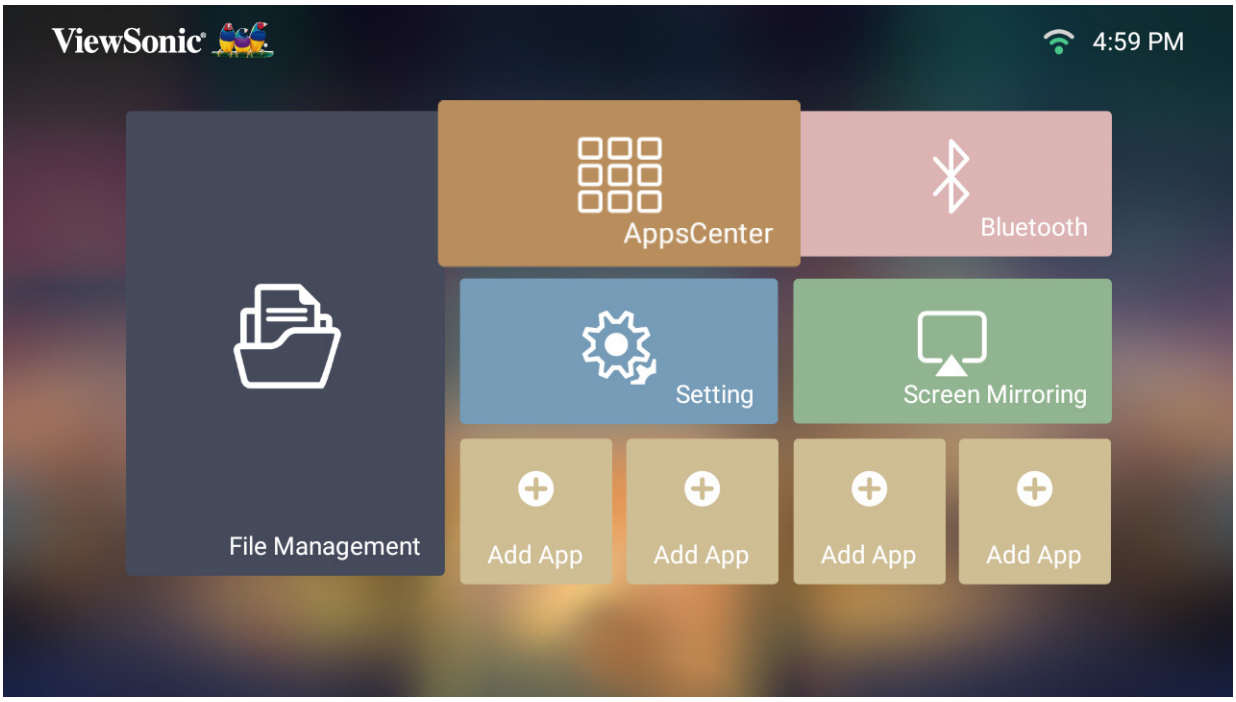
Office Formats

			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.

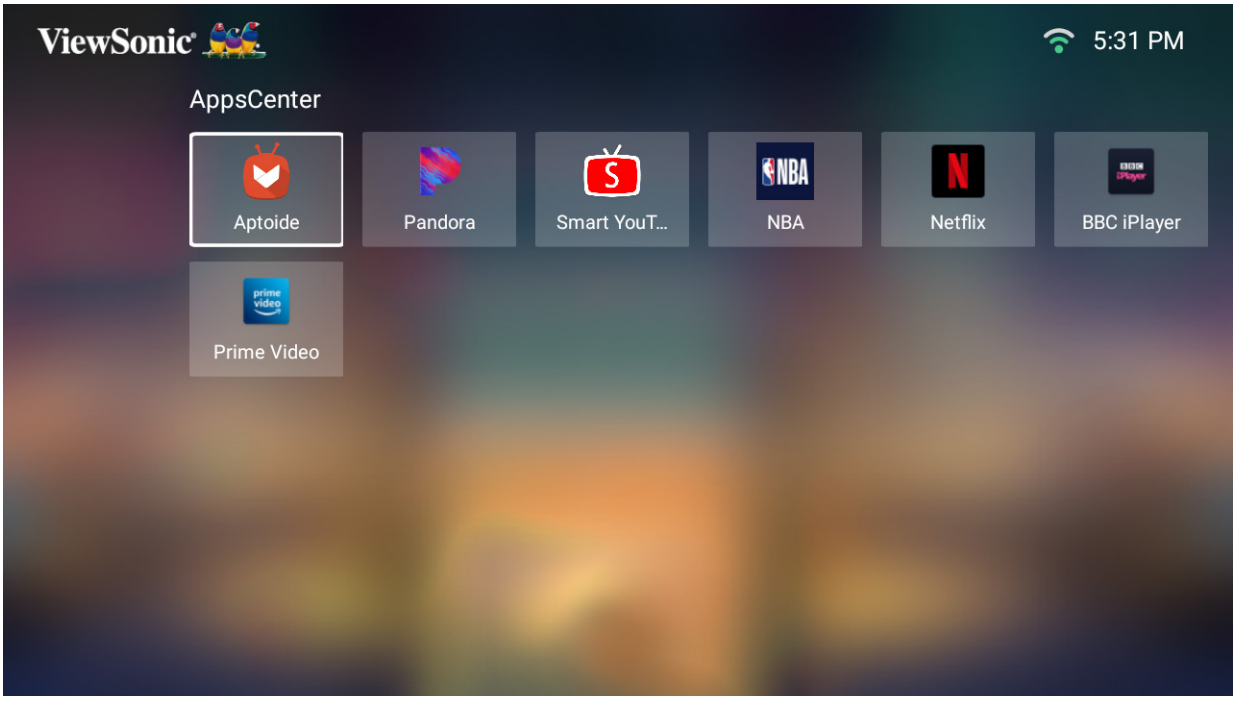
Apps Center

View, launch, and uninstall Apps.

1. To view your Apps, select: **Home** > **Apps Center**.



2. Use the direction buttons to select the desired App. Then press **OK** on the remote control to launch the App.

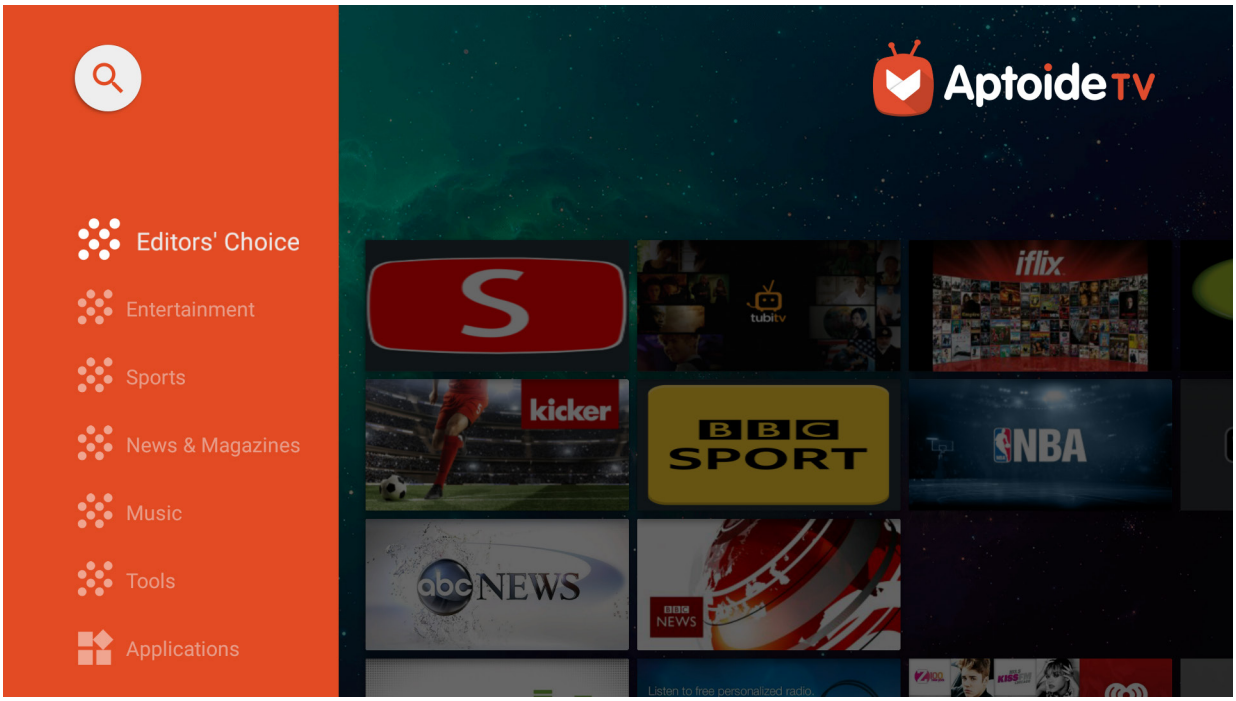


NOTE: Press the **Home** button on the remote control to return to the **Home Screen** at anytime.

Aptoide

The projector is pre-loaded with the Aptoide store, which allows users to download and install different Apps.

1. Select: **Home** > **Apps Center** > **Aptoide**.



2. Use the direction buttons to navigate the menu options. When you find your preferred App, press the **OK** button to install it.

NOTE:

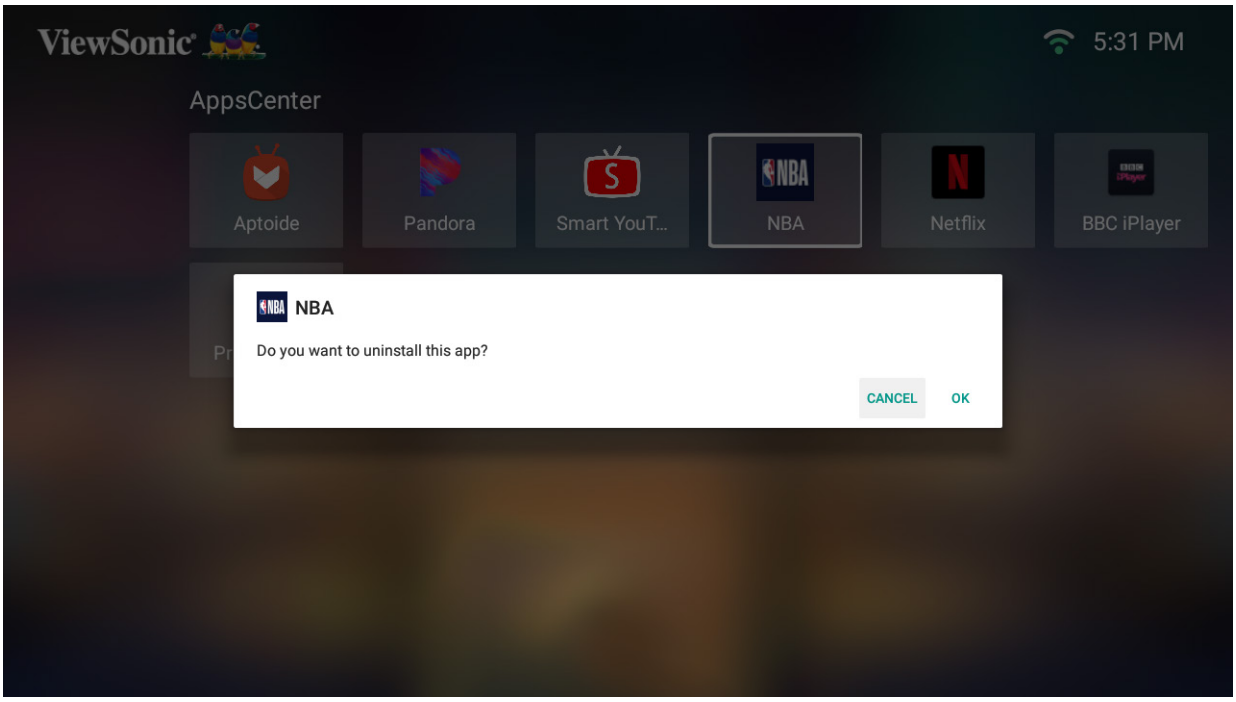
- Users can install third-party Apps by .apk file in **File Management**. However, some third-party Apps may have compatibility issues.
- Apps not pre-loaded by ViewSonic may not be compatible or work properly.
- Some Apps may require a keyboard or mouse.
- Some Apps may be Region-Specific.

To Uninstall Apps

1. Open the **Apps Center** by selecting: **Home** > **Apps Center**.

2. Use the directional buttons to select the desired App.

3. Press and hold **OK** on the remote control for three (3) seconds. The below dialogue box will appear:

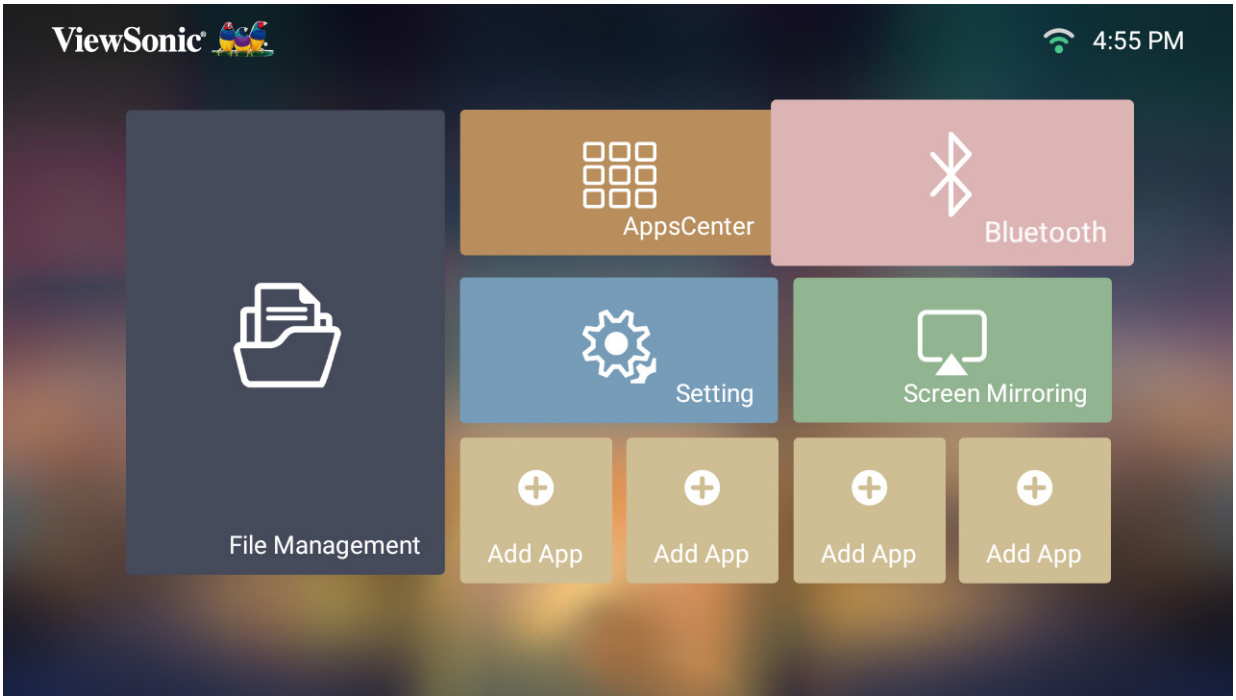


4. Select **OK** to uninstall the App.

NOTE: Press the **Home** button on the remote control to return to the **Home Screen** at anytime.

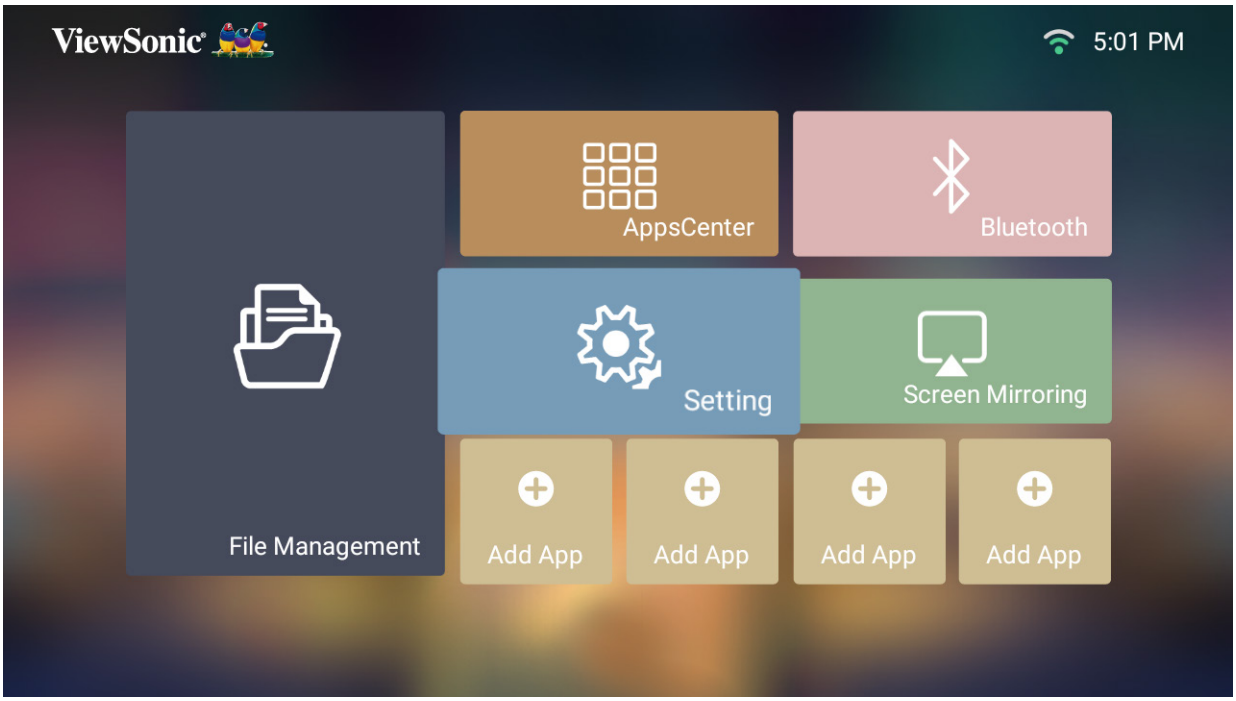
Bluetooth

The projector is equipped with Bluetooth that allows the user to connect their device wirelessly for audio playback. For more information, see “Connecting to Bluetooth” on page 18page 18.



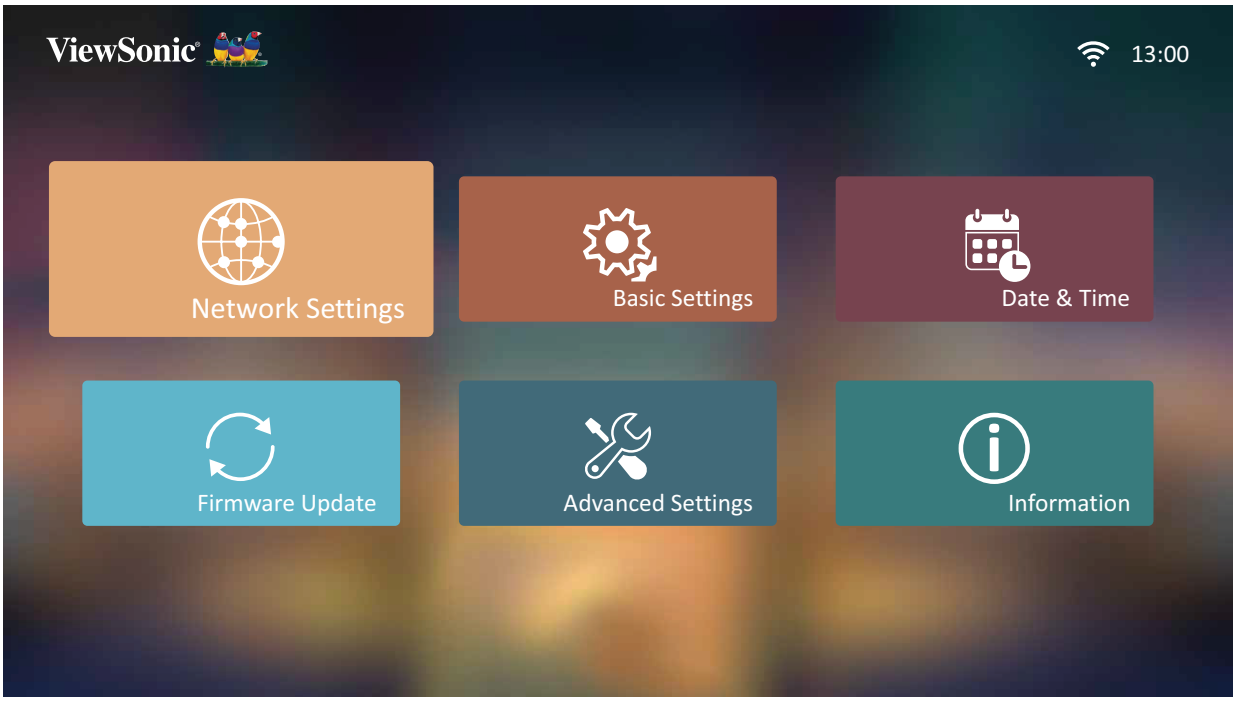
Setting

Under **Setting** you can adjust Network, Basic, and Advanced Settings, Date & Time, Firmware Update, and view Information.

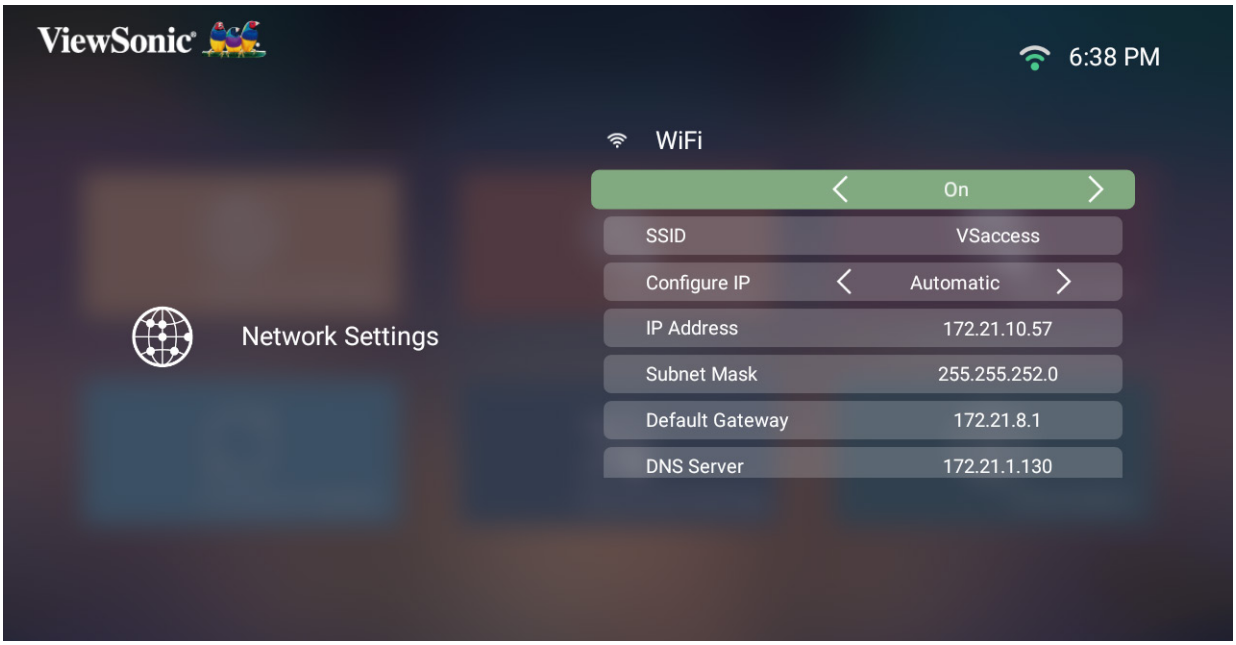


Network Settings

1. Select: **Home** > **Setting** > **Network Settings**.



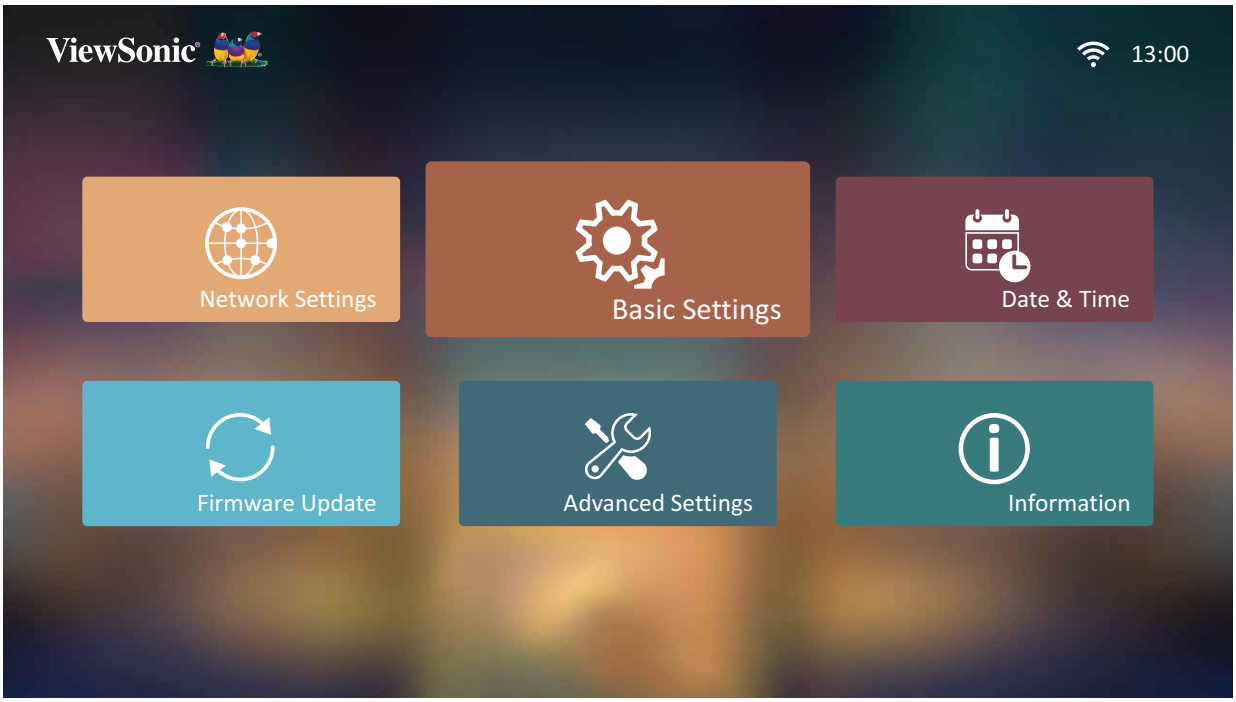
2. View and adjust your Wi-Fi and network settings.



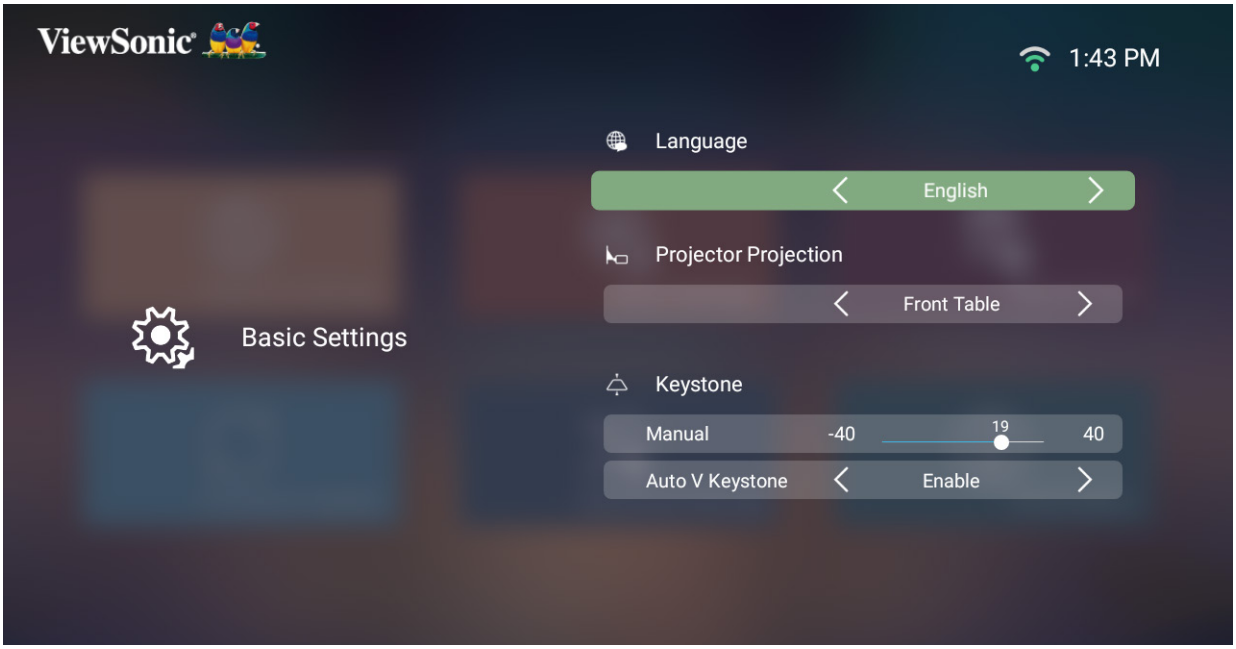
3. To setup a Wireless connection, see “Connecting to Networks” on page 21page 21.

Basic Settings

1. Select: **Home** > **Setting** > **Basic Settings**.



2. Use the **Up** and **Down** buttons to select the desired option and press **OK**. Then use the **Left** and **Right** buttons to make adjustments or selections.



3. To return to a previous menu press the **Return** button.

Menu	Description
Language	Select your desired language.
Projector Position	Select the preferred projection position.

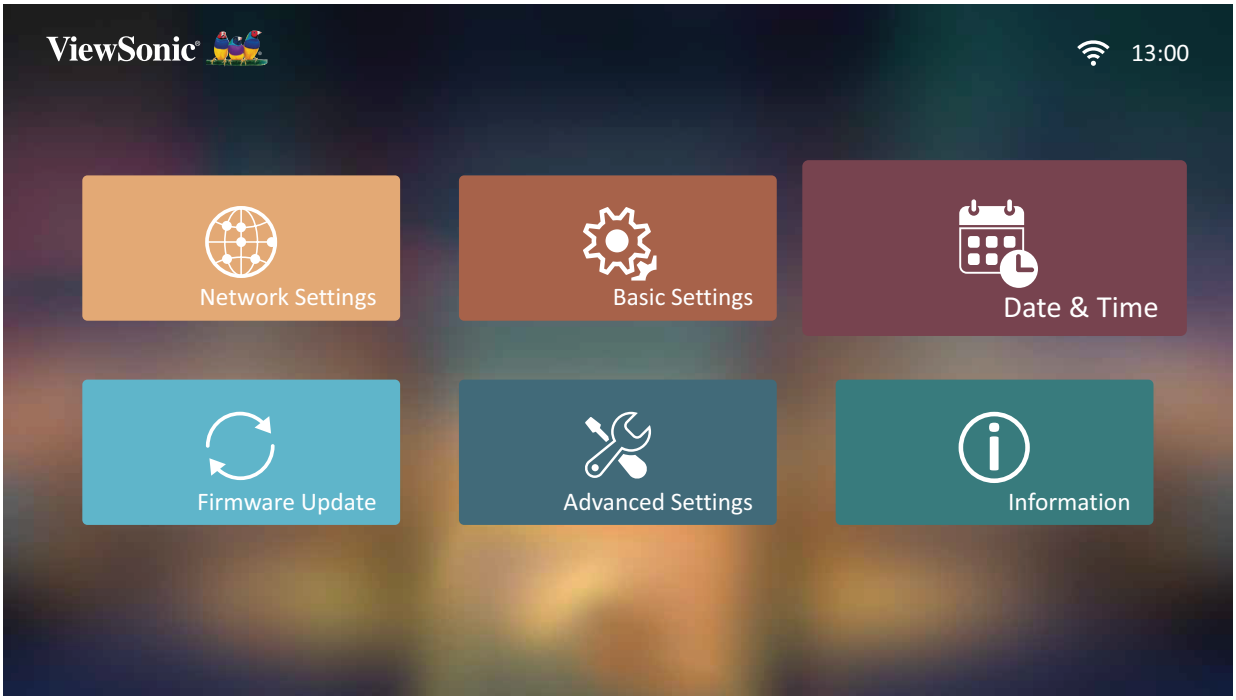
Menu	Description
Keystone	Adjust trapezoidal screen image distortion. **Manual** Keystone can be adjusted manually from -40 to 40. **Auto V Keystone** Provides a rectangular screen image by automatically adjusting the keystone number when there is a trapezoidal screen image caused by the tilting of the projector. • **Enable**: Automatically adjust the keystone number. • **Disable**: Manually adjust the keystone number. **NOTE:** If **Manual** is selected, **Auto V Keystone** will change to **Disable** automatically.

Date & Time

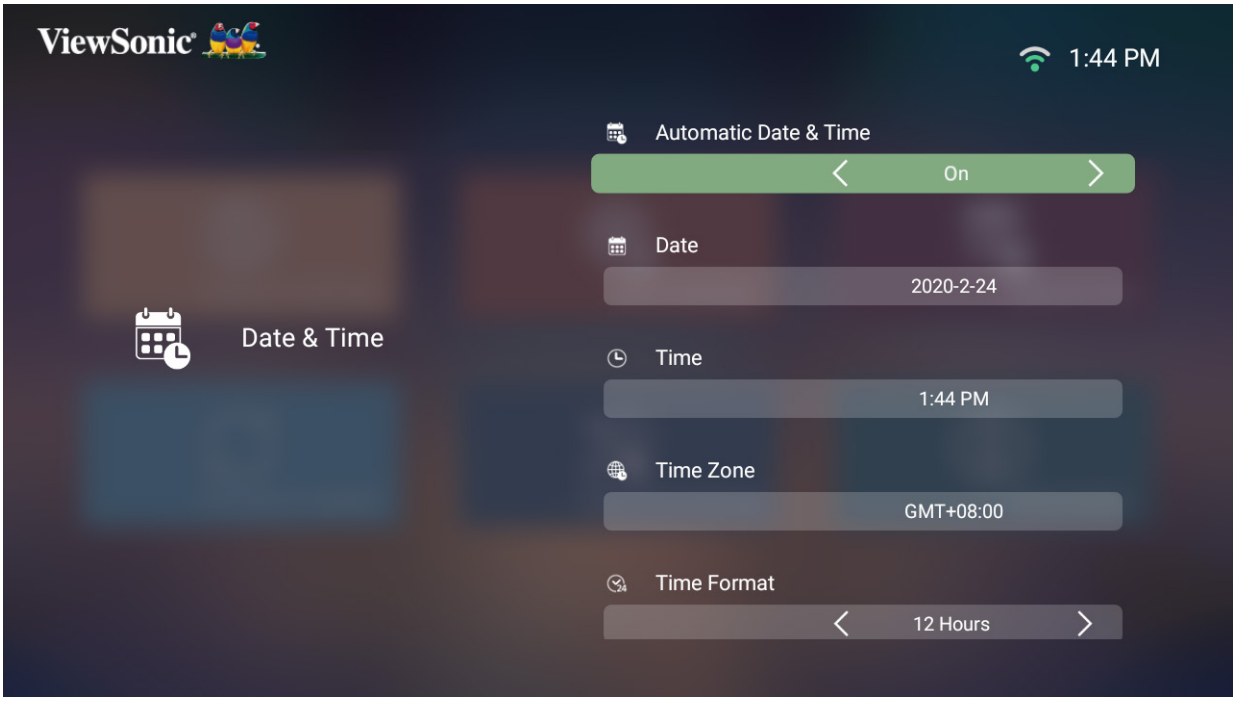
Adjust Date, Time, Time Zone, and Time Format.

NOTE: The time is displayed in the top-right corner after connecting to the Internet.

1. Select: **Home** > **Setting** > **Date & Time**.



2. Use the **Up** and **Down** buttons to select the desired option and press **OK**. Then use the **Left** and **Right** buttons to make adjustments or selections.



Menu	Description
Automatic Date & Time	Users can synchronize the date and time automatically after connecting to the Internet. **On** Turn on synchronization. **Off** Turn off synchronization.
Time Zone	Select your desired location.
Time Format	Select a different display time format. **12 Hours** 12-hour clock. **24 Hours** 24-hour clock.

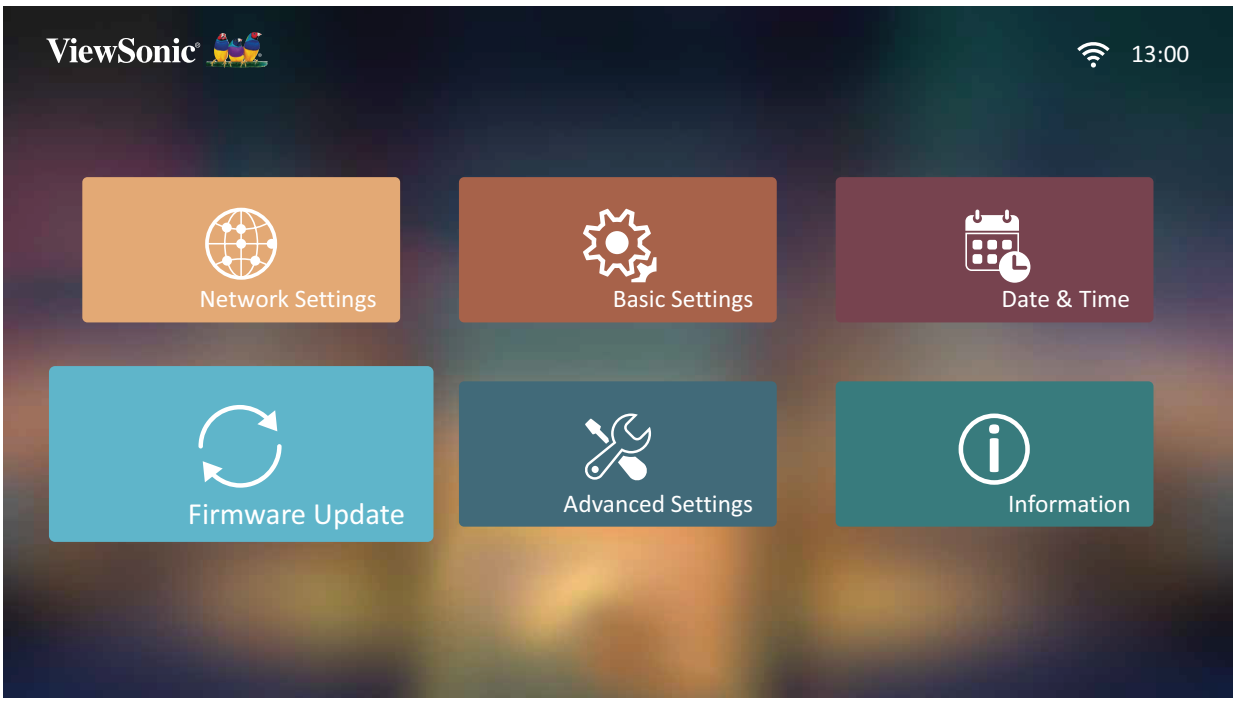
Firmware Upgrade

Users can update the firmware Online, or by USB, and check the version number.

NOTE: Do not unplug the power cord, USB, or disconnect from the Internet during the upgrading process.

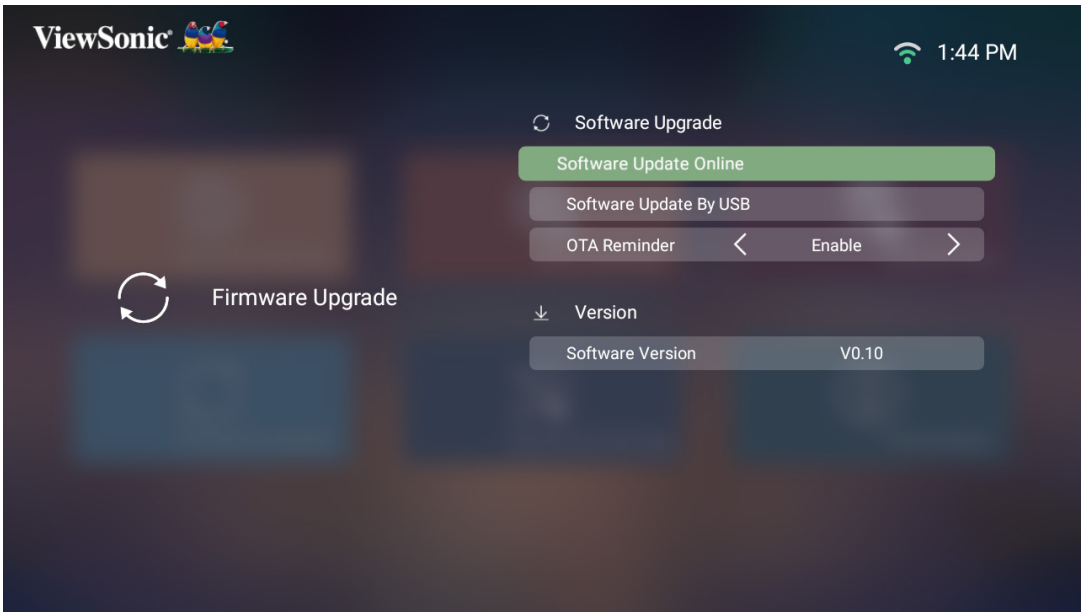
1. Before entering the **Firmware Upgrade** menu, ensure the projector is connected to the Internet.

2. To enter the menu, select: **Home** > **Setting** > **Firmware Upgrade**.



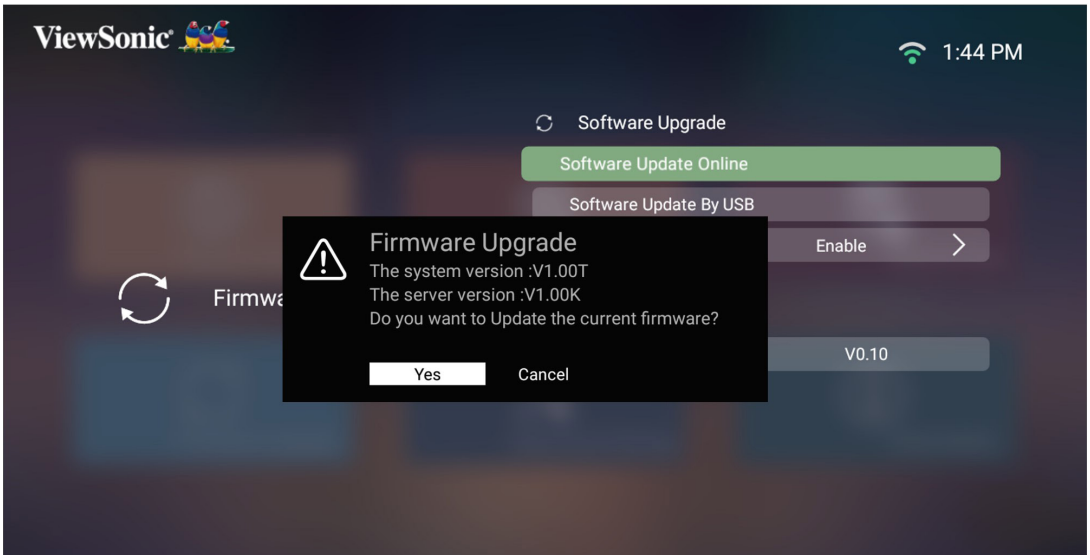
Firmware Update Online

1. Go to: **Home** > **Setting** > **Firmware Upgrade** > **Software Update Online**.

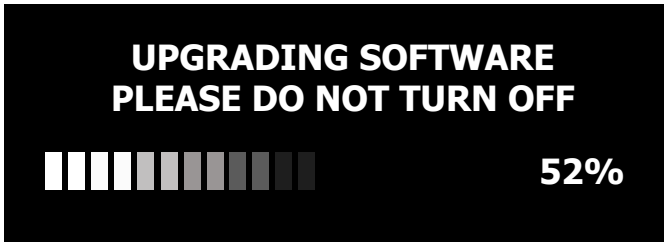


2. Select **Enter** by pressing **OK** on the remote control.

3. The system will check the ViewSonic website (OTA) and display the below dialog message if their is new Firmware.



4. By selecting **Yes**, a progress bar will appear as the update process begins.

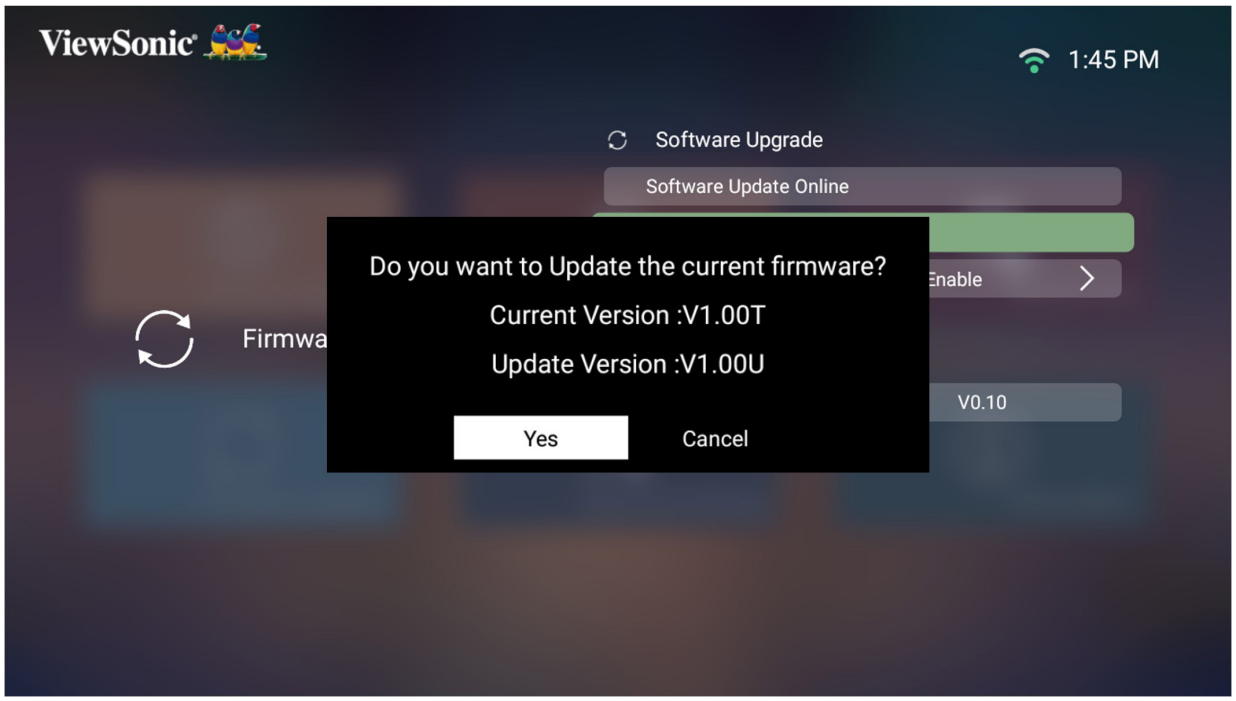


5. Upon reaching 100%, the projector will restart. The whole process will take about 10 minutes.

6. After updating the Firmware, it will take a few minutes to restart the projector.

Firmware Update by USB

1. Download the latest version from the ViewSonic website and copy the file to a USB device.
2. Plug the USB into the projector, then go to: **Home** > **Setting** > **Firmware Upgrade** > **Software Update By USB**.
3. Select **Enter** by pressing **OK** on the remote control.

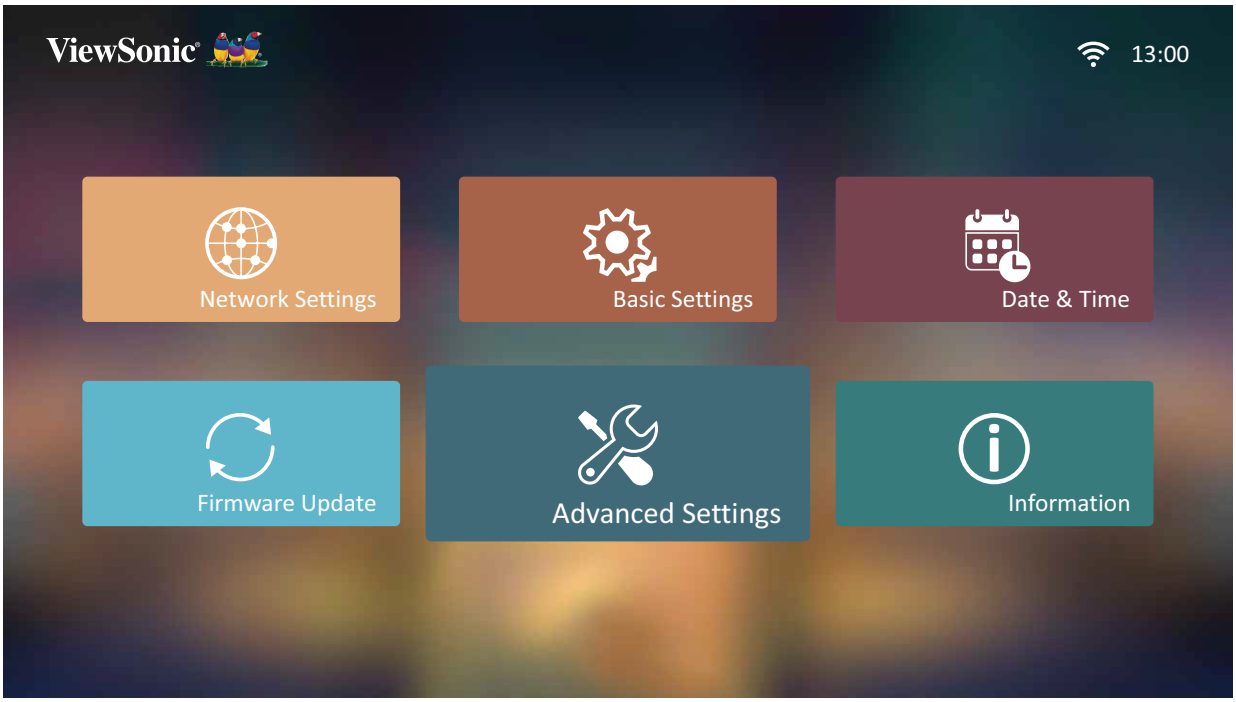


4. The system will detect the Firmware version and display the above dialog message.
5. By selecting **Yes**, a progress bar will appear as the update process begins.
6. After reaching 100%, the projector will restart. The whole process will take about 10 minutes.
7. After updating the Firmware, it will take a few minutes to restart the projector.

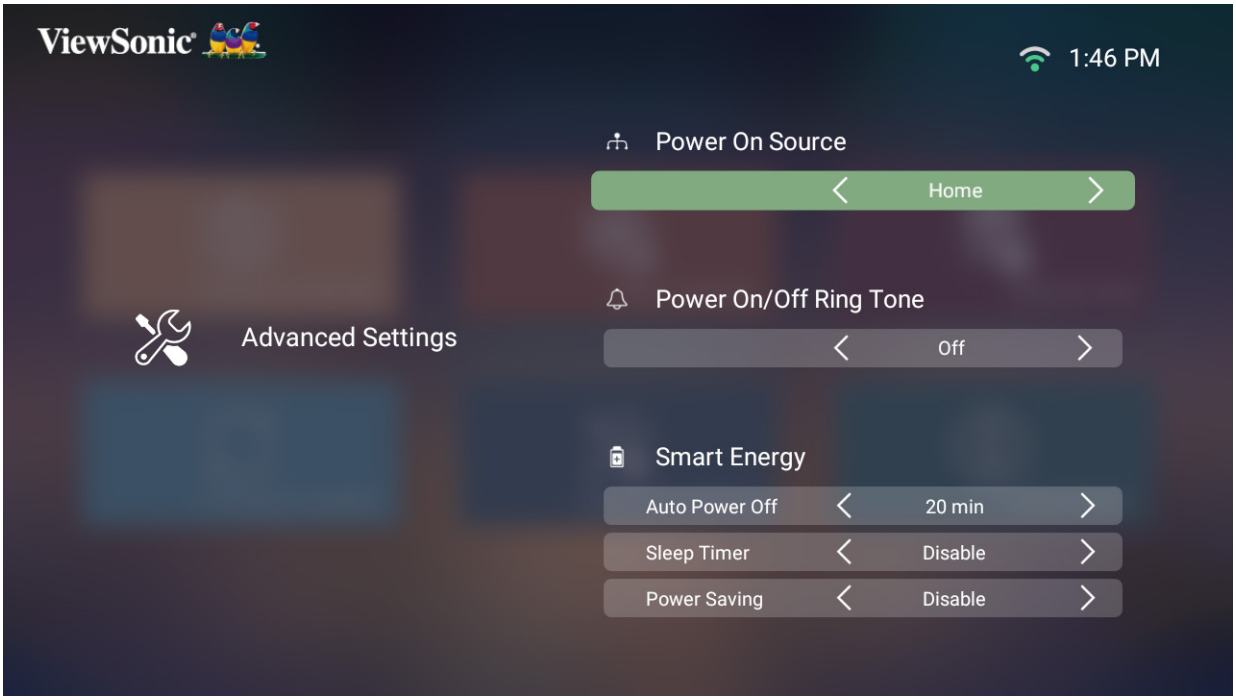
NOTE: Only the USB A port can support Firmware updating (USB format: FAT32).

Advanced Settings

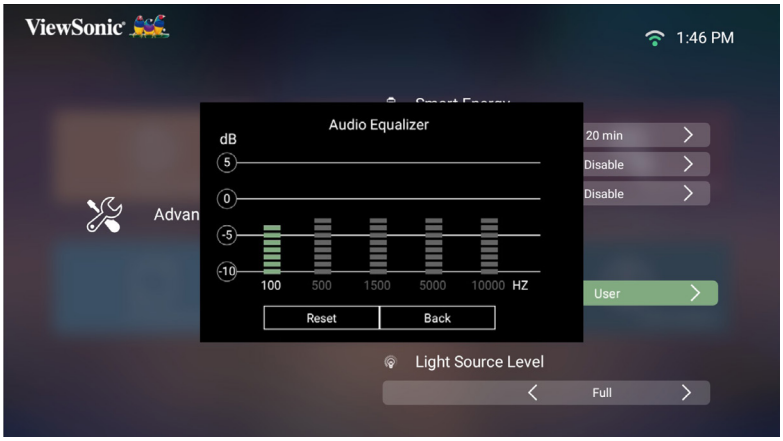
1. Select: **Home** > **Setting** > **Advanced Settings**.

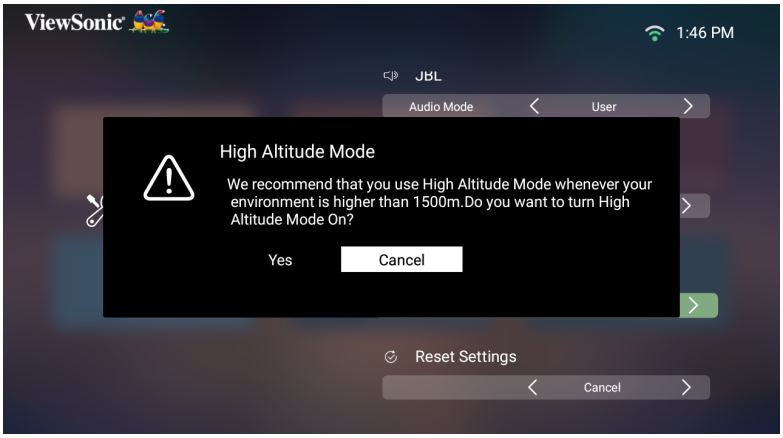


2. Use the **Up** and **Down** buttons to select the desired option and press **OK**. Then use the **Left** and **Right** buttons to make adjustments or selections.



3. To return to a previous menu press the **Return** button.

Menu	Description
Power On Source	Allows the user to enter the desired source directly after turning on the projector.
Power On/Off Ring Tone	Enable or disable the power on/off ring tone.
Smart Energy	**Auto Power Off** The projector can turn off automatically after a set period of time once no input source is detected. **Sleep Timer** Turn off automatically after a set period of time. **Power Saving** Lower power consumption if no input source is detected after five (5) minutes. **NOTE:** The power consumption of the LED will be changed to 30% after no signal is detected for five (5) minutes.
harman/kardon	**Audio Mode** • **Movie**: Default audio mode. • **Music:** Optimized for music playback. • **User**: Allows the user to customize the audio equalizer. **NOTE:** In User mode, 100Hz, 500Hz, 1500Hz, 5000Hz, and 10000Hz can be selected.  **Audio Volume** Adjust the volume from 0 to 20. **Mute** Mute or unmute the volume.

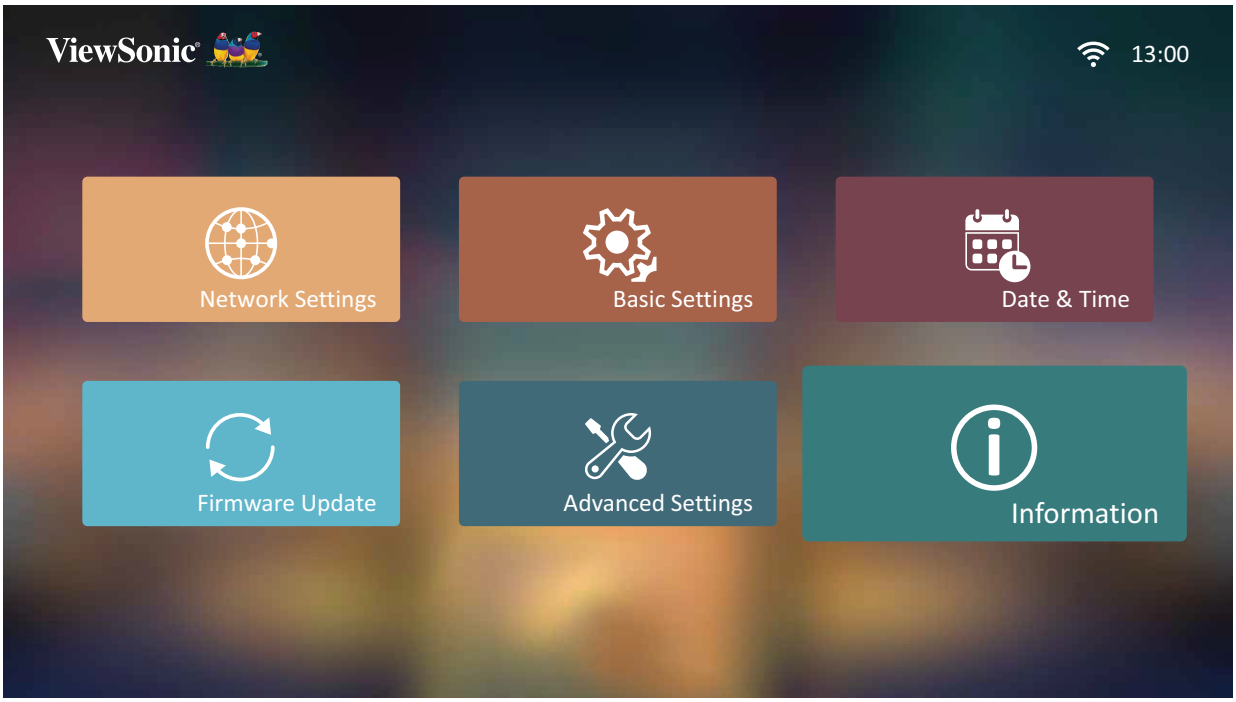
<table>
<tr><th>Menu</th><th>Description</th></tr>
<tr><td>Light Source Level</td><td>Select the suitable power consumption of the LED.
<table>
<tr><th>Mode</th><th>Power Consumption</th></tr>
<tr><td>Full</td><td>100%</td></tr>
<tr><td>Eco</td><td>70%</td></tr>
<tr><td>Extended Eco</td><td>55%</td></tr>
<tr><td>Battery Saving</td><td>30%</td></tr>
</table></td></tr>
<tr><td>High Altitude Mode</td><td>It is recommended that you use High Altitude Mode when your environment is between 1,500-3,000 m above sea level, and a temperature between 5°C-25°C.


NOTE: If you use this projector under other extreme conditions excluding the above, it may display auto shut-down symptoms, which is designed to protect your projector from over-heating. In cases like this, you should switch to High Altitude Mode to solve these symptoms. However, this is not to state that this projector can operate under any and all harsh or extreme conditions.</td></tr>
<tr><td>Reset Settings</td><td>Reset the Settings to default.
NOTE: Language, High Altitude Mode, Projector Position, Network Settings, All installed Apps in the Apps Center, Add App, and Light Source Hours will remain unchanged.</td></tr>
</table>

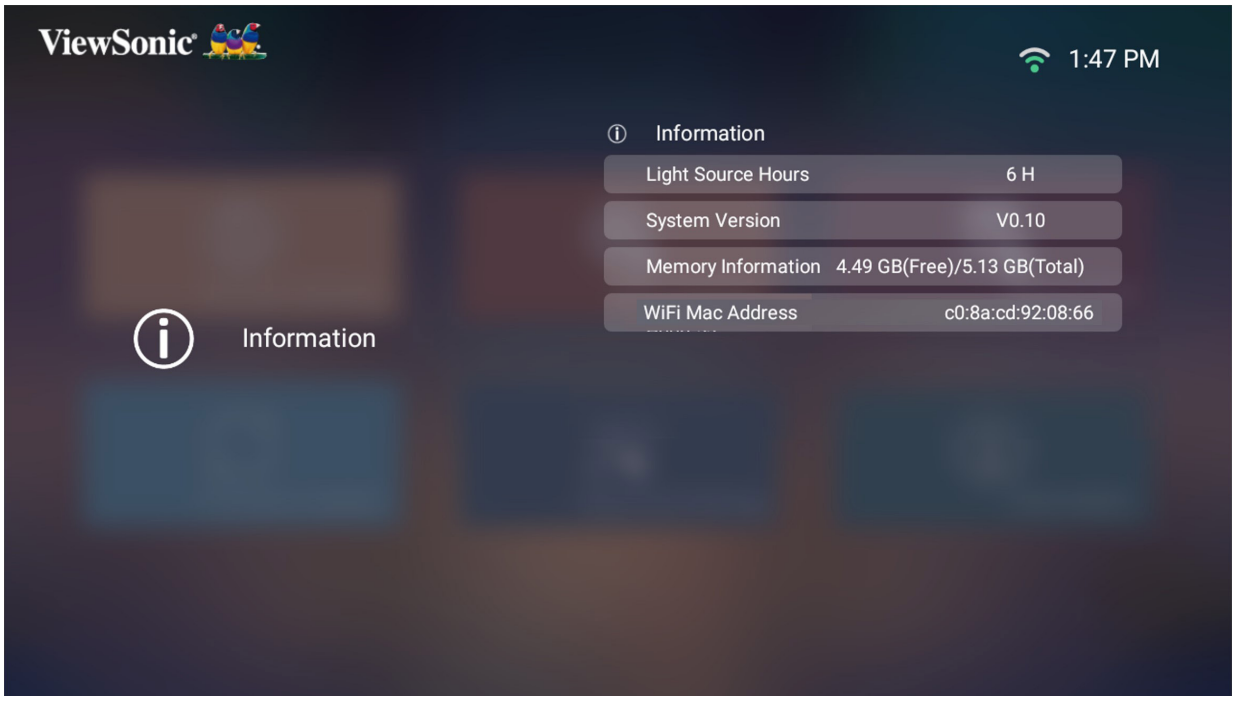
Menu	Description
Reset to Factory Default	Factory reset. **NOTE:** Light Source Hours will remain unchanged.

Information

1. Select: **Home** > **Setting** > **Information**.



2. View system status and information.

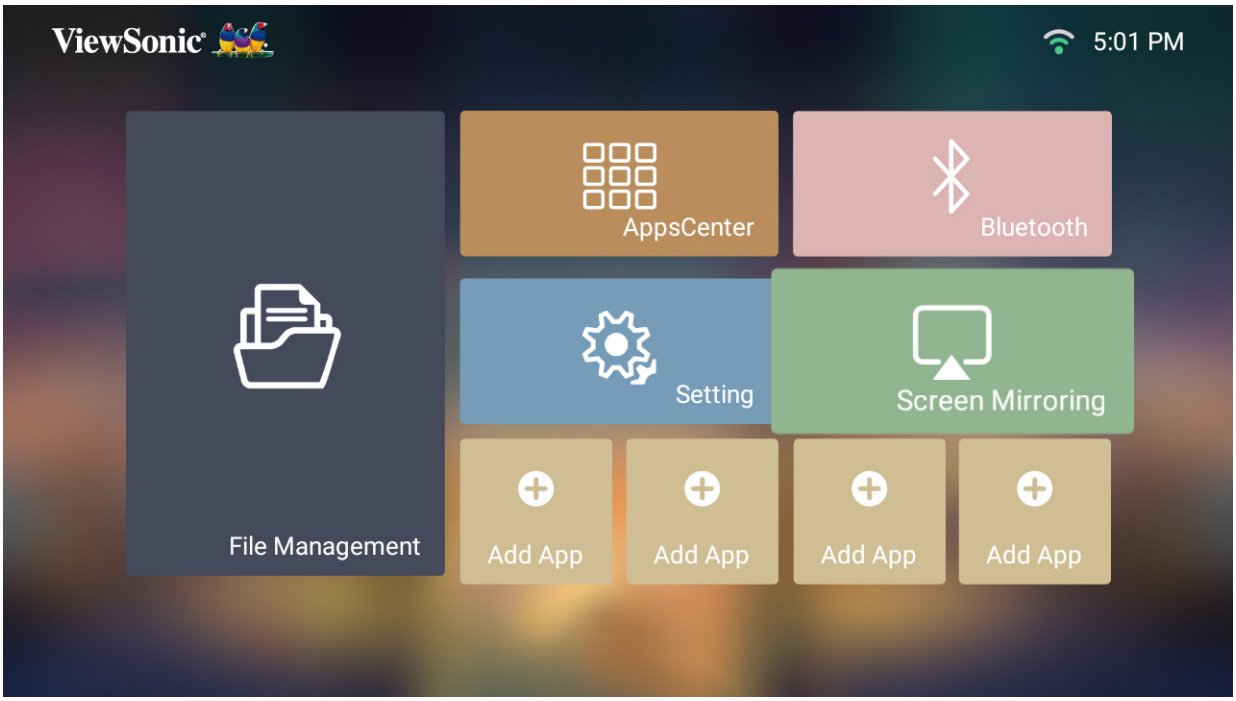


NOTE: Press the **Home** button on the remote control to return to the **Home Screen** at anytime.

Screen Mirroring

Mirror your personal device's screen. To setup wireless Screen Mirroring, see "Wireless Screen Mirroring" on page 17page 17.

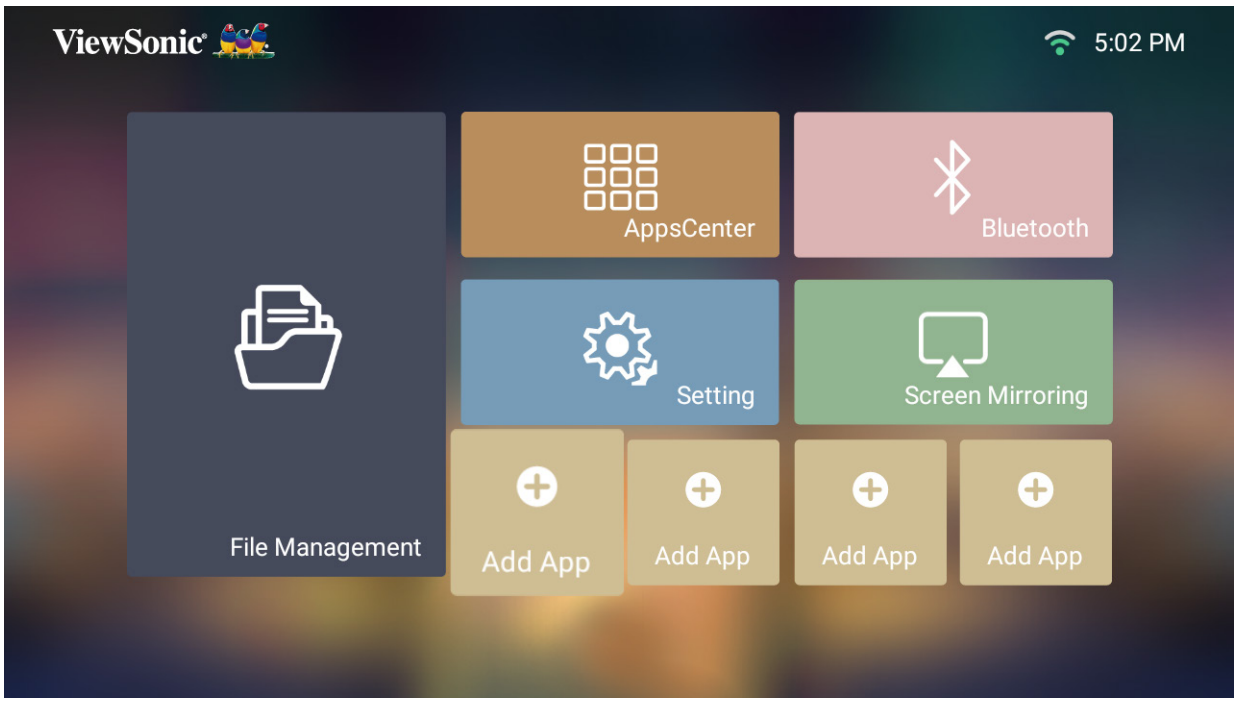
NOTE: Ensure your device is connected to the same network as the projector.



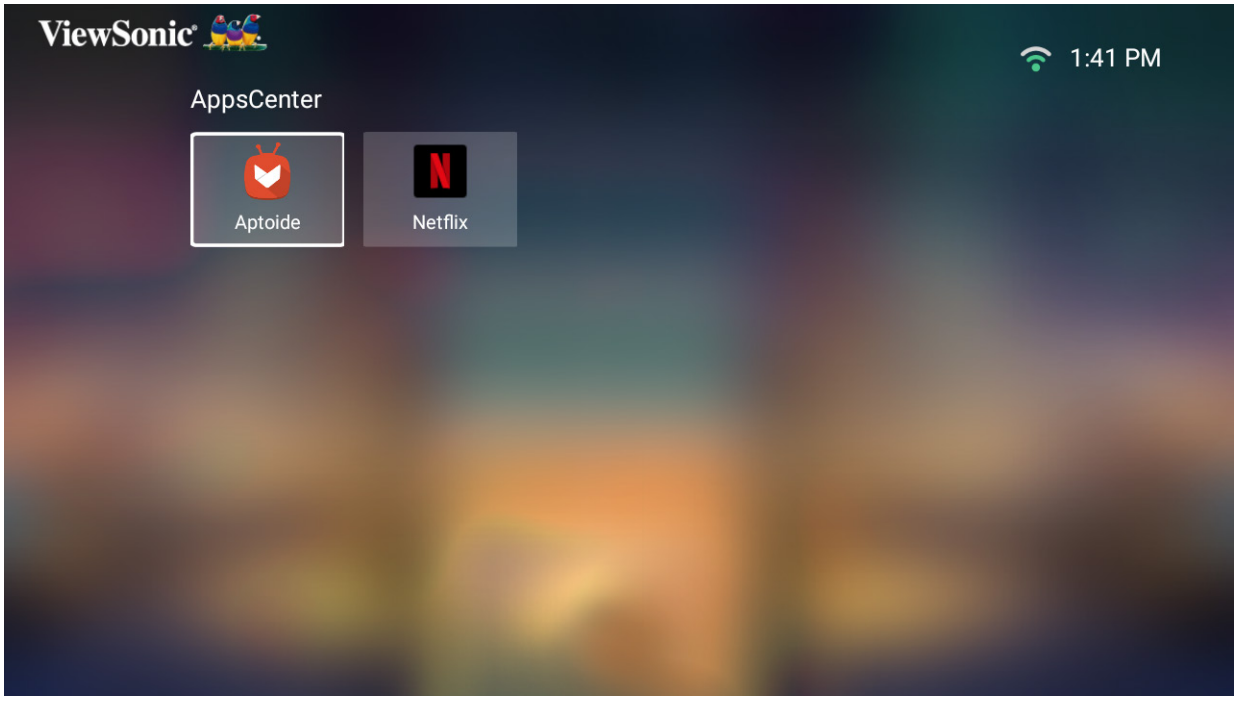
Adding Apps

Add your favorite Apps to the **Home Screen**.

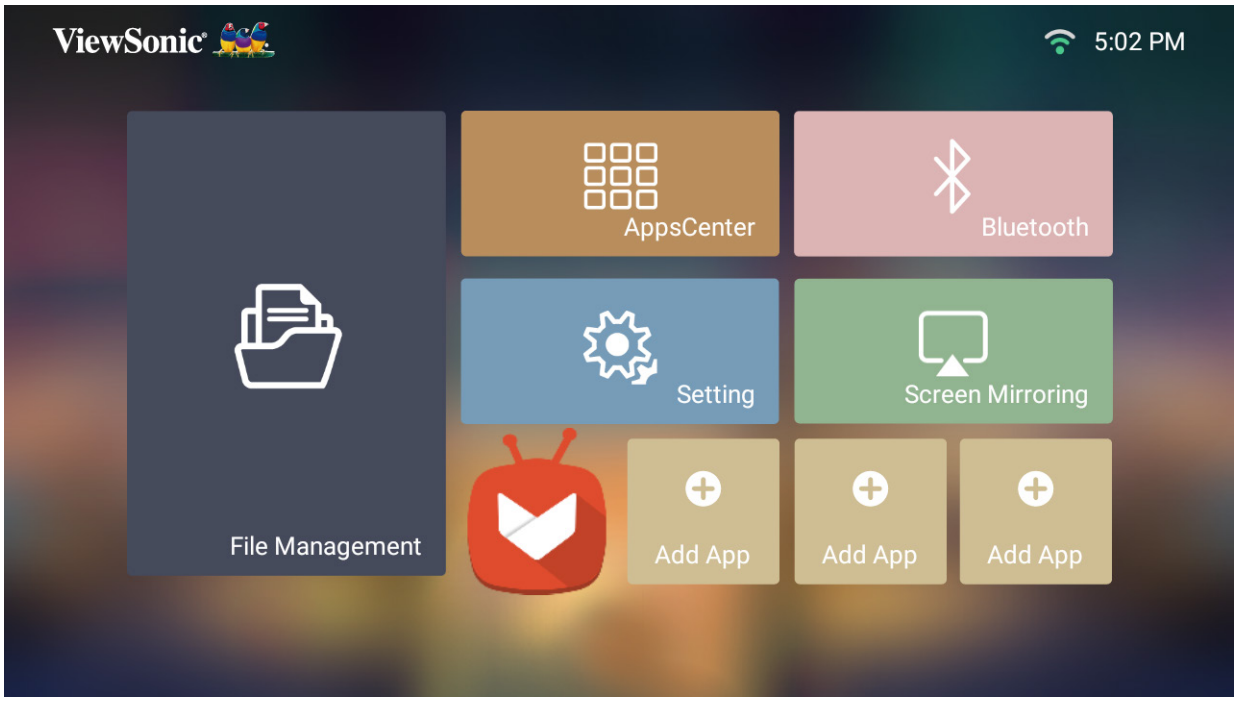
1. From the **Home Screen**, select **Add App** and then press **OK** on the remote control.



2. Use the directional buttons to select the desired App and press **OK**.



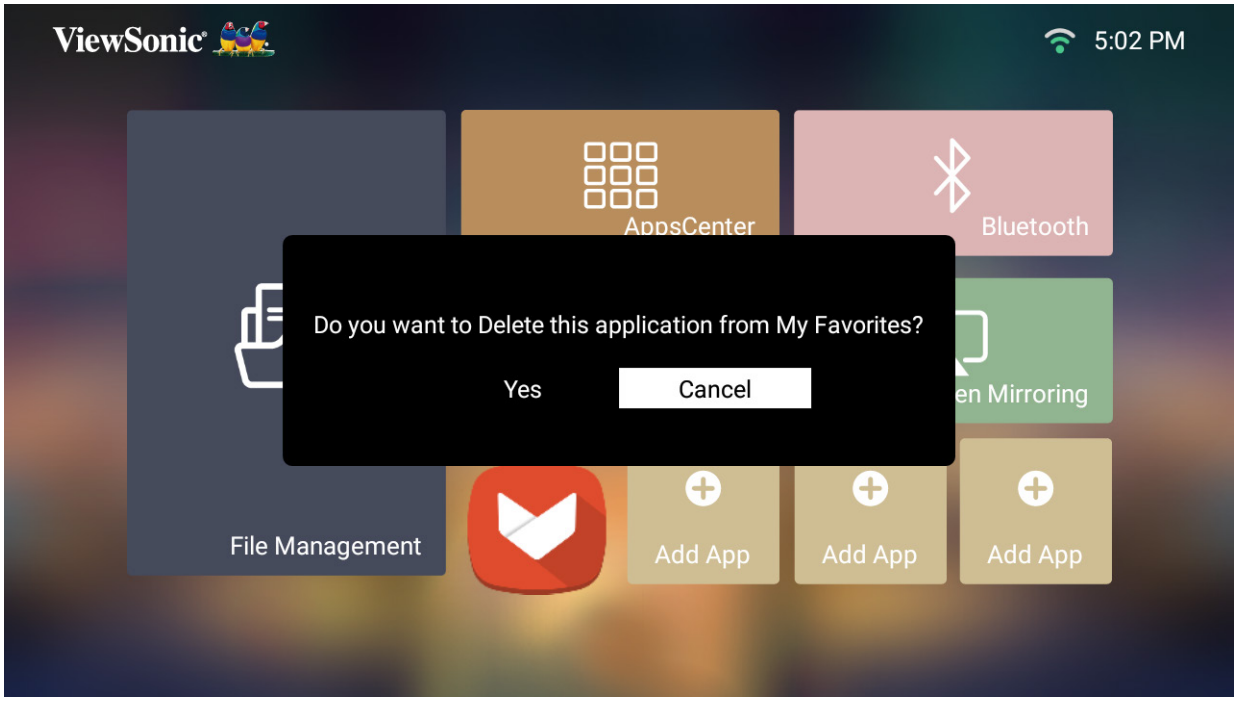
3. Now your favorite App will appear on the **Home Screen**.



Delete Apps From the Home Screen

1. From the **Home Screen**, select the App you want to delete and press and hold **OK** for three (3) seconds.

2. The message, “Do you want to Delete this application from My Favorites?” will appear.



3. Select **Yes**, and press **OK** to delete the App.

> Appendix

Specifications

Item	Category	Specifications
Projector	Type	0.2” WVGA, LED
	Display Size	24”~100”
	Throw Distance	0.64-2.66 m (38”@1 m)
	Lens	F=1.7, f=5.5 mm
	Optical Zoom	Fixed
	Light Source Type	RGB LED
	Light Source Life (Normal)	up to 30,000 hours
	Display Color	1.07 Billion Colors
	Keystone	-/+ 40 (Vertical)
	Battery Capacity	12,000 mAh, 3.7Vx3
Input Signal	HDMI	f_h: 15K~102KHz, f_v:23~120Hz,
Resolution	Native	854 x 480
	Support	VGA (640 x 480) to Full HD (1920 x 1080)
Input	HDMI	1 (HDMI 1.4, HDCP 1.4)
	Audio In	Bluetooth 4.2
	USB Type-A	1 (USB 2.0 Reader)
	USB Type-C	1 (Power input - 5V/2A)
	Wi-Fi	1 (5G)
Ouput	Speaker	3W Cube x 2
	USB Type A (Power)	1 (USB 2.0, 5V/1A; share with USB reader)
	Audio Out (Bluetooth)	Bluetooth 4.2
	Audio Out (3.5 mm)	1
Power Adapter	Input Voltage	AC 100-240V, 50/60 Hz (auto switch)
	Output Voltage	DC 19V/3.42A
Local Storage	Total: 16 GB	Available: 12 GB
Operating Conditions	Temperature	0°C to 40°C (32°F to 104°F)
	Humidity	0% to 90% (non-condensing)
Dimensions	Physical (W x H x D)	151 x 126 x 40 mm (5.94” x 4.96” x 1.57”)
Weight	Physical	0.7 kg (1.54 lbs)
Power Saving Modes	On	45W (Typical)
	Off	< 0.5W (Standby)

Timing Chart

HDMI/USB C Video Timing

Timing	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Dot Clock Frequency (MHz)
480i	720(1440) x 480	15.73	59.94	27
480p	720 x 480	31.47	59.94	27
576i	720(1440) x 576	15.63	50	27
576p	720 x 576	31.25	50	27
720/50p	1280 x 720	37.5	50	74.25
720/60p	1280 x 720	45	60	74.25
1080/24P	1920 x 1080	27	24	74.25
1080/25P	1920 x 1080	28.13	25	74.25
1080/30P	1920 x 1080	33.75	30	74.25
1080/50i	1920 x 1080	28.13	50	74.25
1080/60i	1920 x 1080	33.75	60	74.25
1080/50P	1920 x 1080	56.25	50	148.5
1080/60P	1920 x 1080	67.5	60	148.5

HDMI/USB C Support PC Timing

Resolution	Refresh Rate (Hz)	Horizontal Frequency (kHz)	Dot Clock Frequency (MHz)
640 x 480	59.94	31.469	25.175
	72.809	37.861	31.5
	75	37.5	31.5
720 x 400	70.087	31.469	28.3221
800 x 600	56.250	35.156	36
	60.317	37.879	40
	72.188	48.077	50
	75	46.875	49.5
1024 x 768	60.004	48.363	65
	70.069	56.476	75
	75.029	60.023	78.75
1152 x 864	75	67.5	108
1280 x 768	59.87	47.776	79.5
	74.893	60.289	102.25
1280 x 800	59.81	49.702	83.5
	74.934	62.795	106.5
1280 x 960	60	60	108
1280 x 1024	60.02	63.981	108
	75.025	79.976	135
1360 x 768	60.015	47.712	85.5
1400 x 1050	59.978	65.317	121.75
1440 x 900	59.887	55.935	106.5
	60	55.469	88.75
	74.984	70.635	136.75
1600 x 1200	60	75	162
1680 x 1050	59.883	64.674	119.000
	59.954	65.29	146.25

3D Support Timing

HDMI 3D (BlueRay 3D with info frame)				
Signal	**Resolution (dots)**	**Aspect Ratio**	**Refresh Rate (Hz)**	**Support**
Frame Packing				
1080p	1920 x 1080	16:9	23.98/24	Yes
720p	1280 x 720	16:9	50/59.94/60	Yes
Side by Side				
1080i	1920 x 1080	16:9	50/59.94/60	Yes
Top and Bottom				
1080p	1920 x 1080	16:9	23.98/24	Yes
720p	1280 x 720	16:9	50/59.94/60	Yes

3D (HDMI/USB C) Manual Setting				
Signal	**Resolution (dots)**	**Aspect Ratio**	**Refresh Rate (Hz)**	**Support**
SVGA	800 x 600	4:3	60*/120**	Yes
XGA	1024 x 768	4:3	60*/120**	Yes
HD	1280 x 720	16:9	60*/120**	Yes
WXGA	1280 x 800	16:9	60*/120**	Yes
HDTV (1080p)	1920 x 1080	16:9	60	Yes

NOTE:

* 60Hz signals are supported for side by side, top and bottom, and frame sequential.

** 120Hz signals are supported for frame sequential only.

LED Indicators

Light	Description
Green	Power On
Red	Stand-by Mode
Flashing White	Projector Charging
Solid White	Battery is Fully Charged

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	• Ensure the power cord is properly attached to the projector and to the power outlet. • If the cooling process has not completed, please wait until it has finished then try to turn on the projector again. • If the above does not work, try another power outlet or another electrical device with the same power outlet. • Check that the battery has remaining power[1], or connect the power adaptor. • When the projector is at low battery, it may automatically turn off and on repeatedly. Please switch the projector off and charge the battery for at least 30 minutes.
There is no picture	• 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 key on either the projector or the remote control.
The image is blurred	• Adjusting the Focus Ring will help correctly focus the projection lens. • 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 remote control does not work	• Ensure there are no obstacles between the remote control and projector; and that they are within 8 m (26 ft) of each other. • The batteries may be out of power, please check and replace if necessary.

1 The battery may need to be charged for 4.5 hours first if the device has not been used for a long time.

Problem or Issue	Possible Solutions
The projector/system is frozen and will not respond	• Please toggle the **Power Switch** off/on to reset the device.

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.

The antenna(s) used for this transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

The device was tested and complies to measurement standards and procedures specified in FCC CFR Tile 47 Part 15 Subpart C.

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.

IC Warning Statement

This device complies with Industry Canada license- 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, méme 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 contrôlê. Cet équipement doit être installé et utilize 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 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.

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%
Benzyl butyl 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.
- Battery:

» High or low extreme temperatures that a battery can be subjected to during use, storage or transportation; and low air pressure at high altitude.
» Replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
» Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
» Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
» A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

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:

http://www.viewsonic.com/company/green/recycle-program/

Europe:

http://www.viewsoniceurope.com/eu/support/call-desk/

Taiwan:

https://recycle.epa.gov.tw/

Copyright Information

Copyright© ViewSonic® Corporation, 2020. All rights reserved.

Macintosh and Power Macintosh are registered trademarks of Apple Inc.

Microsoft, Windows, and the Windows logo are registered trademarks of Microsoft Corporation in the United States and other countries.

ViewSonic®, the three birds logo, OnView, ViewMatch, and ViewMeter are registered trademarks of ViewSonic® Corporation.

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.

M1+_G2_UG_ENG_1a_20200708

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 Juarez 284 local 2 Col. Bugambilias C.P: 83140 Tel: 01-66-22-14-9005 E-Mail: disc2@hmo.megared.net.mx	***Villahermosa:*** Compumantenimietnos 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
Chihuahua: Soluciones Globales en Computación C. Magisterio # 3321 Col. Magisterial Chihuahua, Chih. Tel: 4136954 E-Mail: Cefeo@soluglobales.com	***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
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	***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
Guerrero Acapulco: GS Computación (Grupo Sesicomp) Progreso #6-A, Colo Centro 39300 Acapulco, Guerrero Tel: 744-48-32627	***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
MERIDA: ELECTROSER Av Reforma No. 403Gx39 y 41 Mérida, Yucatán, México CP97000 Tel: (52) 999-925-1916 E-Mail: rrrb@sureste.com	***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
Tijuana: STD Av Ferrocarril Sonora #3780 L-C Col 20 de Noviembr Tijuana, Mexico	***FOR USA SUPPORT:*** ViewSonic® Corporation 381 Brea Canyon Road, Walnut, CA. 91789 USA Tel: 800-688-6688 E-Mail: http://www.viewsonic.com

Projector Mexico Warranty Term Template In UG
VSC_TEMP_2006

ViewSonic®
See the difference®