



NOMADIC™

X300

User Guide

Thank you for choosing

NOMVDIC™

NOMVDIC™, founded by a group of people with the spirit of exploration. As a user-focused and technology-based enterprise, we believe that our products have the potential to inspire you to seek out the infinite possibilities of entertainment, extending the dimensions of your home, and redefining it to fit the lifestyle you like. We created NOMVDIC for you who seek more.

Once again, thank you for choosing NOMVDIC™.

# Safety Precautions



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

- Read all warnings and follow all instructions.
- Allow at least 20" (50 cm) clearance around the projector to ensure proper ventilation.
- Place the projector in a well-ventilated area. Do not place anything on the projector that prevents heat dissipation.
- Do not place the projector on an uneven or unstable surface. The projector may fall over, causing personal injury or projector malfunction.
- Do not look straight at the projector lens during operation. The intense light beam may damage your eyes.
- 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.
- 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 contact us 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  $\pm 10$  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 contact your dealer or NOMVDIC™. 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.



**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.



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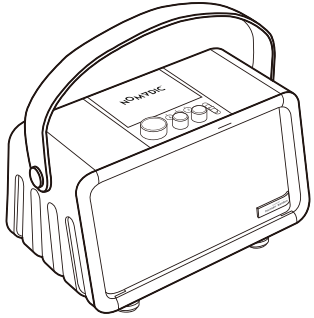
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# Introduction

## Package Contents



X300



Remote Control  
Batteries



Remote Control



Audio Cable



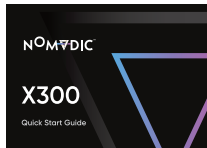
USB C Cable



Power Adapter



Power Cord



Quick Start Guide



Warranty Card



Compliance Card



Speaker Spike Shoes

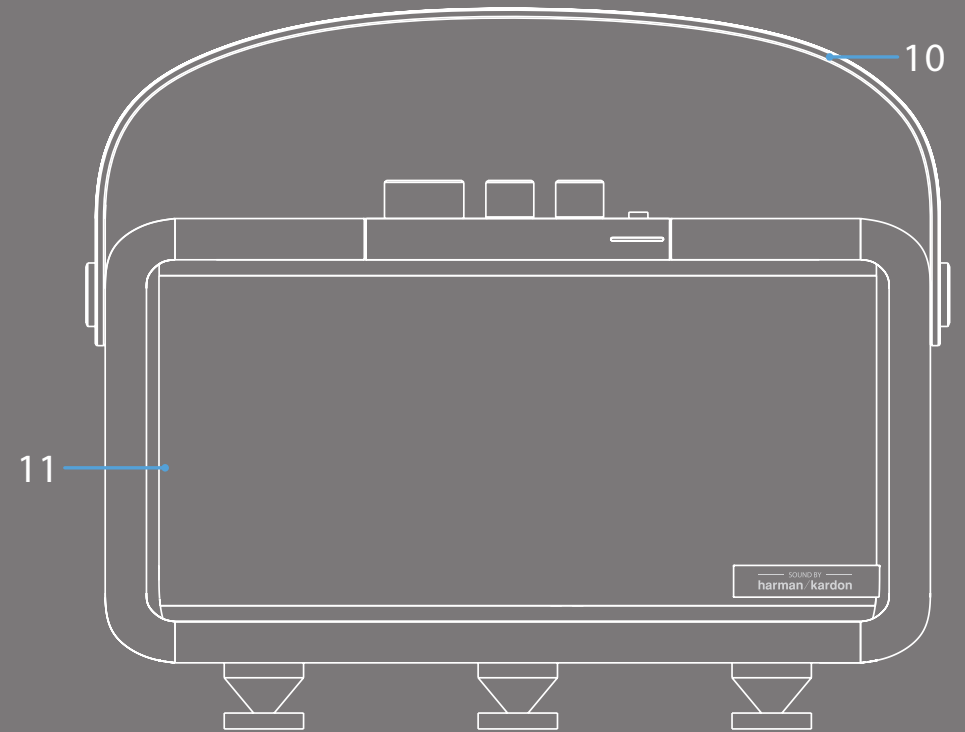
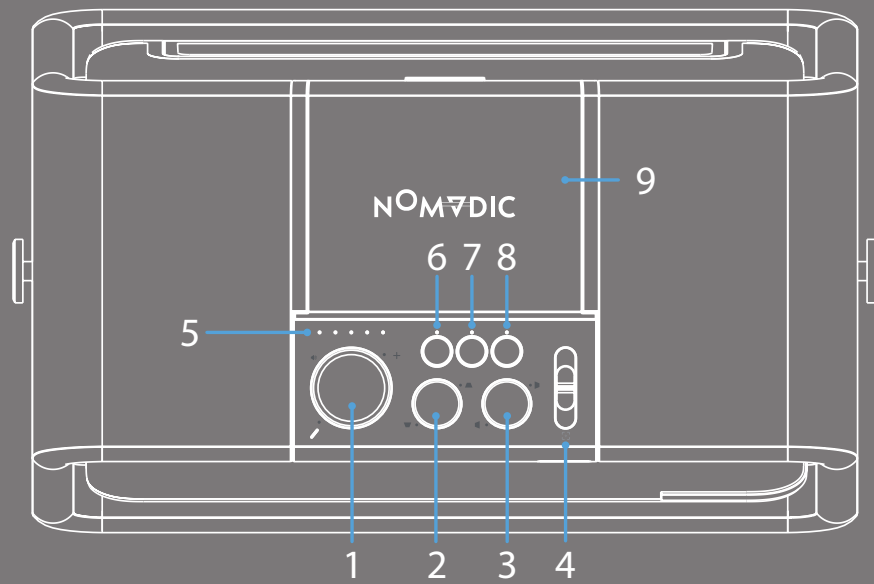


Speaker Spikes

**NOTE:** The power cord and video cables included in your package may vary depending on your country. Please contact customer service for more information.

# Product Overview

## Projector



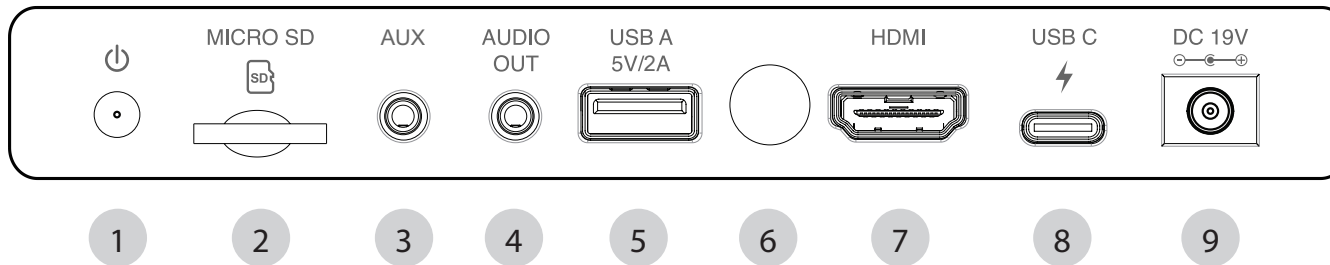
Item		Description
1	Play/Pause & Volume Button	Play and pause the content in the media player <b>NOTE:</b> Does not support content control (e.g., smartphone) in Bluetooth speaker mode.
2	Vertical Keystone	Vertical keystone adjustment
3	Horizontal Keystone	Horizontal keystone adjustment
4	Focus Adjustment Slider	Adjusts the focus
5	Battery Indicator	Indicates remaining battery power
6	Bluetooth	Activate Bluetooth Speaker Mode <sup>1</sup> (press for 1 second), or Bluetooth Pairing Mode (press for 3 seconds).
7	AUX	Auxiliary source selection
8	Speaker Mute	Mute the speaker
9	Mirror/Adjust the Projection Angle	Covers the lens and projection mirror
10	Handle	Leather handle
11	Harman Kardon Speakers	Harman Kardon speakers

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<sup>1</sup> To connect the X300 with a paired smart device, select “X300” from the smart device’s Bluetooth settings to connect again each time.



## Connection Ports



Port		Description
1	Power Toggle	Power On/Off
2	Micro SD	Micro SD socket (SDXC up to 256 GB - FAT32/NTFS)
3	Audio In or AUX (3.5 mm jack)	3.5 mm jack audio input socket
4	Audio Out (3.5 mm jack)	3.5 mm jack audio output socket
5	USB A (5V/2A Out)	USB 2.0 Type A port (USB Reader - FAT32/NTFS)
6	IR Sensor	IR sensor
7	HDMI <sup>2</sup>	HDMI port <sup>3</sup>
8	USB-C <sup>4</sup>	USB-C port
9	DC In	Power input socket

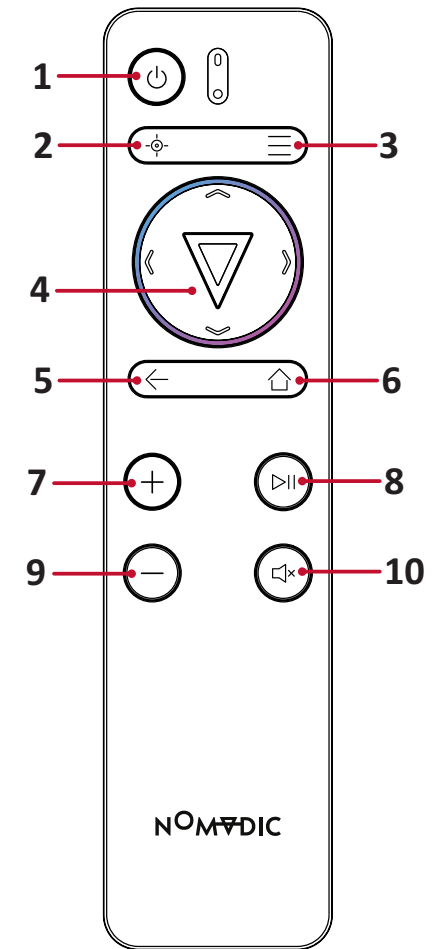
<sup>1</sup> Supports HDMI 1.4, HDCP 1.4.

<sup>2</sup> iPhone/iPad users will need to buy an additional adapter. To avoid compatibility issues, please use Apple authorized accessories.

<sup>3</sup> Please use the supplied USB-C cable, and ensure your USB-C device can support video transmission as well as charging.

## Remote Control

Button		Description
1	Power	Turn on Bluetooth Speaker Mode, turn the Light Source Off, or Restart the Projector.
2	Focus	To manually adjust, press the <b>Focus</b> button on the remote control and use the <b>Left</b> and <b>Right</b> arrows.
3	Settings	Display the Settings menu.
4	OK/Up/Down/Left/Right	Confirm the selection. Navigate and select the desired menu items and make adjustments.
5	Return	Return to the previous screen.
6	Home	Access the <b>Home</b> screen.
7	Increase	Increase the volume.
8	Play/Pause	Play/Pause content. <b>NOTE:</b> Only supports built-in media player.
9	Decrease	Decrease the volume.
10	Mute	Mute/Unmute.



**NOTE:** You can also control the X300 with the NOMVDIC Remote Control App. To learn more, see page 30.

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

### NOTE:

- Avoid leaving the remote control and batteries in excessive heat or a humid environment.
- Replace only with the same or equivalent type recommended by the battery manufacturer.
- If the batteries are drained or if you will not be using the remote control for an extended period of time, remove the batteries to avoid damage to the remote control.
- A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.
- Avoid high or low extreme temperatures that a battery can be subjected to during use, storage or transportation; and low air pressure at high altitude.
- Dispose of the used batteries according to the manufacturer's instructions and local environment regulations for your region.

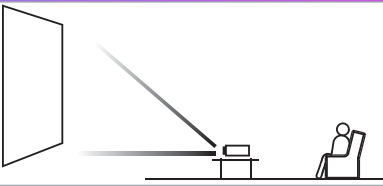
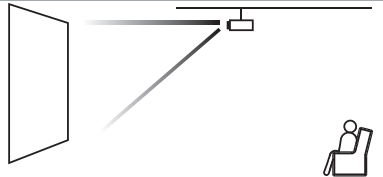
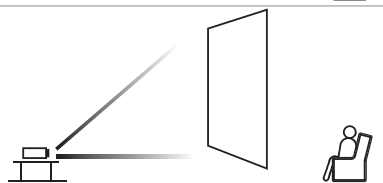
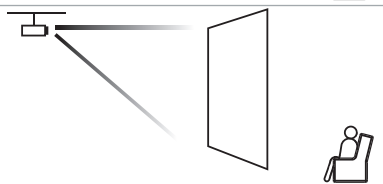
# Initial Setup

## Choosing a Location – Projection Orientation

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

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

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

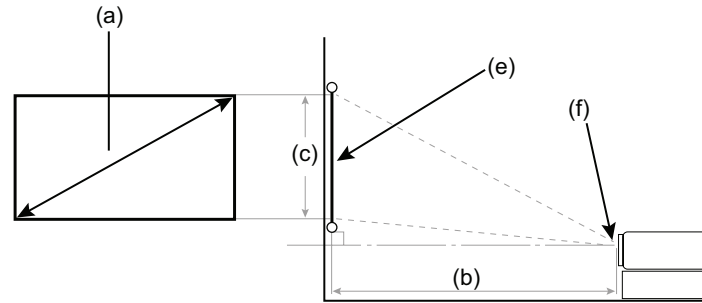
Location	
<b>Front Table</b> The projector is placed near the floor in front of the screen.	
<b>Front Ceiling</b> The projector is suspended upside-down from the ceiling in front of the screen.	
<b>Rear Table<sup>1</sup></b> The projector is placed near the floor behind the screen.	
<b>Rear Ceiling<sup>1</sup></b> The projector is suspended upside-down from the ceiling behind the screen.	

**NOTE:** The **Mirror** can be opened 90 degrees to project onto the ceiling. Select **Front Ceiling** or **Rear Table** when doing so.

<sup>1</sup> 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.	mm	in.	mm	in.	mm	in.	mm
40	1016	38.78	984.97	19.61	498.11	0.05	1.27
50	1270	49.39	1254.46	24.51	622.63	0.05	1.27
60	1524	60	1523.95	29.42	747.16	0.05	1.27
70	1778	70.61	1793.44	34.32	871.68	0.05	1.27
80	2032	81.22	2062.93	39.22	996.21	0.05	1.27
90	2286	91.83	2332.42	44.12	1120.74	0.05	1.27
100	2540	102.44	2601.91	49.03	1245.26	0.05	1.27
110	2794	113.05	2871.41	53.93	1369.79	0.05	1.27

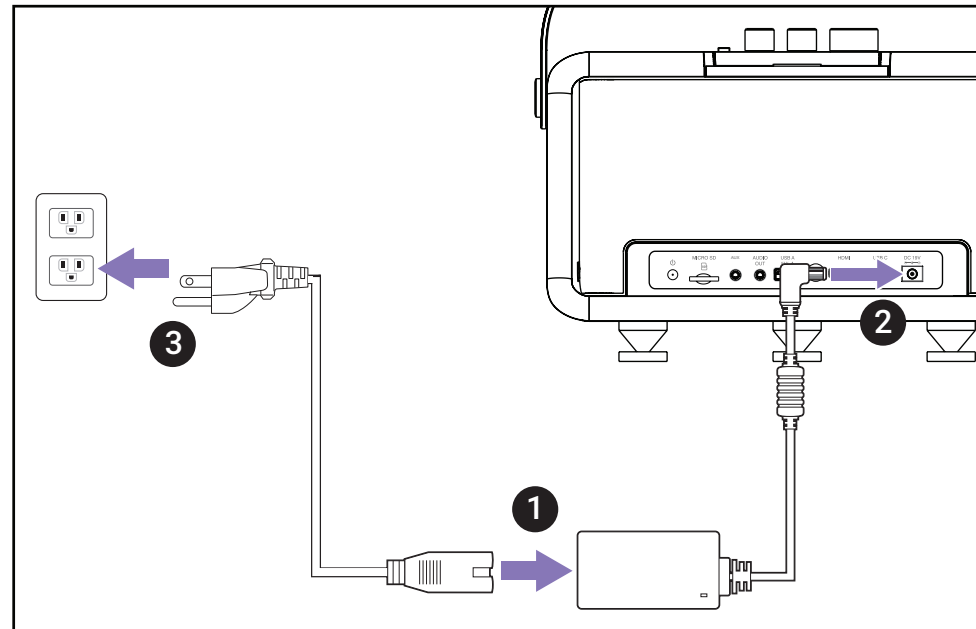
**NOTE:** There is a 3% tolerance among these numbers due to optical component variations. It is recommended to physically test the projection size and distance before permanently installing the projector.

# Making Connections

## 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 rear of the projector.
3. Connect the power cord plug to a power outlet.



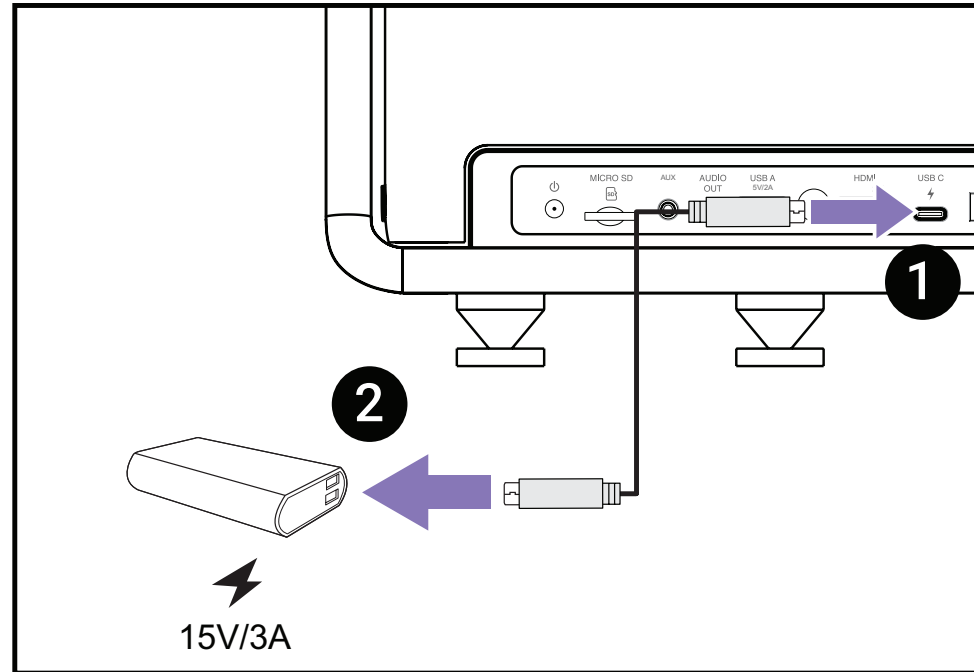
**NOTE:** When installing the projector, incorporate a readily accessible disconnect device in the fixed wiring, or connect the power plug to an easily accessible outlet near the unit. If a fault should occur during operation of the projector, use the disconnect device to switch off the power supply,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

**CAUTION:**

- Use only the bundled power adapter to charge the battery and supply power to your projector.
- Ensure that your projector is connected to the power adapter before turning it on for the first time. We strongly recommend that you use a grounded wall socket while using your projector with the power adapter.
- The socket outlet must be easily accessible and near your projector.
- To disconnect your projector from its main power supply, unplug your projector from the power socket.

## USB-C Power Bank

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.



## 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 3.5 hours
Usage Hours	up to 3 hours (Battery Saving)/up to 2.5 hours (Eco) /up to 2 hours (Full) <b>NOTE:</b> If only playing music, usage hours will be 6 hours.
Battery Level Indicator (Charging)	<b>During Charging:</b> Flashing White LED light <b>Full Charge:</b> Solid White LED light

### CAUTION:

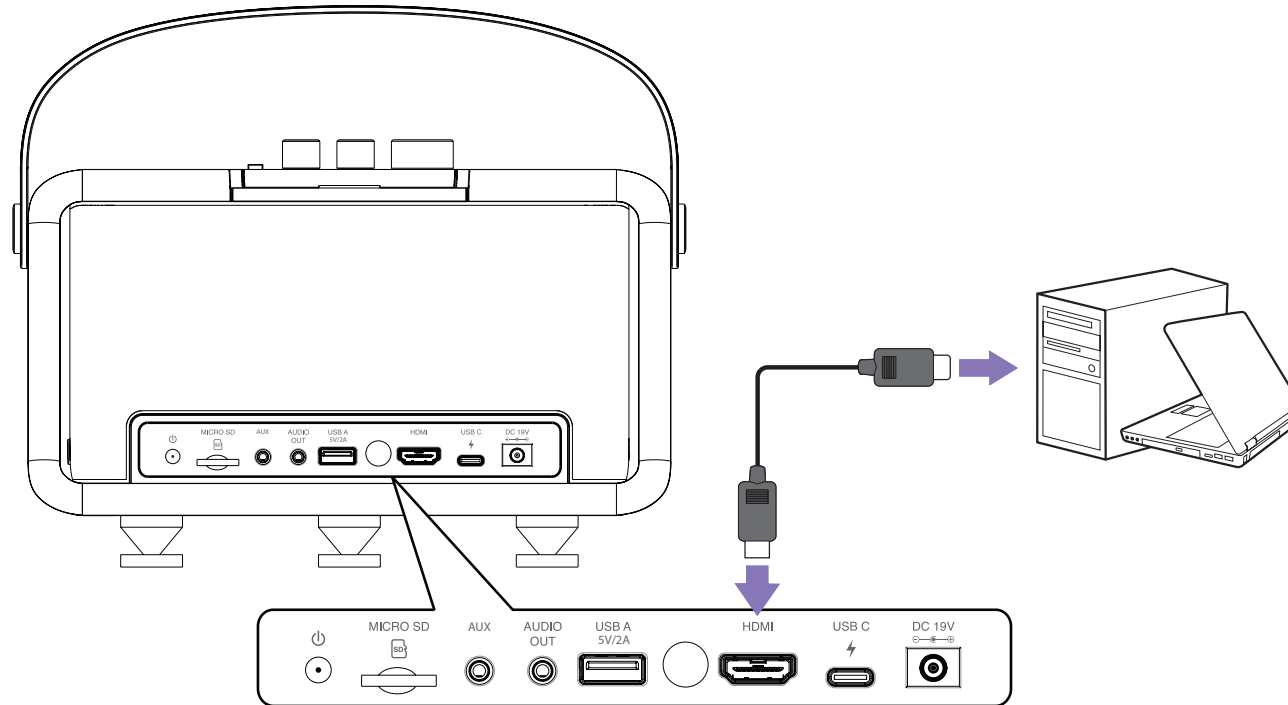
Read the following precautions for your projector's battery:

- The battery used in this device may present a risk of fire or chemical burn if removed or disassembled.
- Follow the warning labels for your personal safety.
- Risk of explosion if battery is replaced by an incorrect type.
- Do not dispose of in fire.
- Never attempt to short-circuit your projector's battery.
- Never attempt to disassemble and reassemble the battery.
- Discontinue usage if leakage is found.
- The battery and its components must be recycled or disposed of properly.
- Keep the battery and other small components away from children.

# 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 (it supports HDMI 1.4, HDCP 1.4) of your projector.

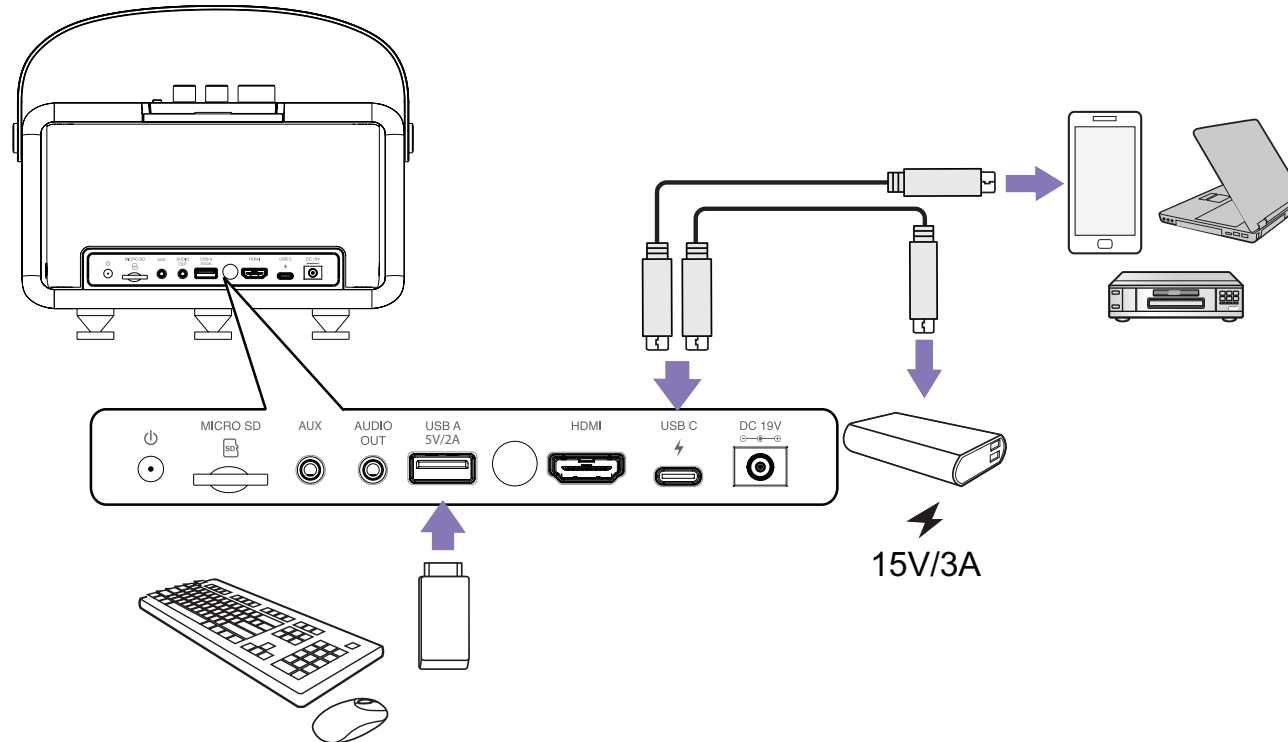


**NOTE:** iPhone/iPad users will need to use an additional adapter.

## USB Connection

### 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.



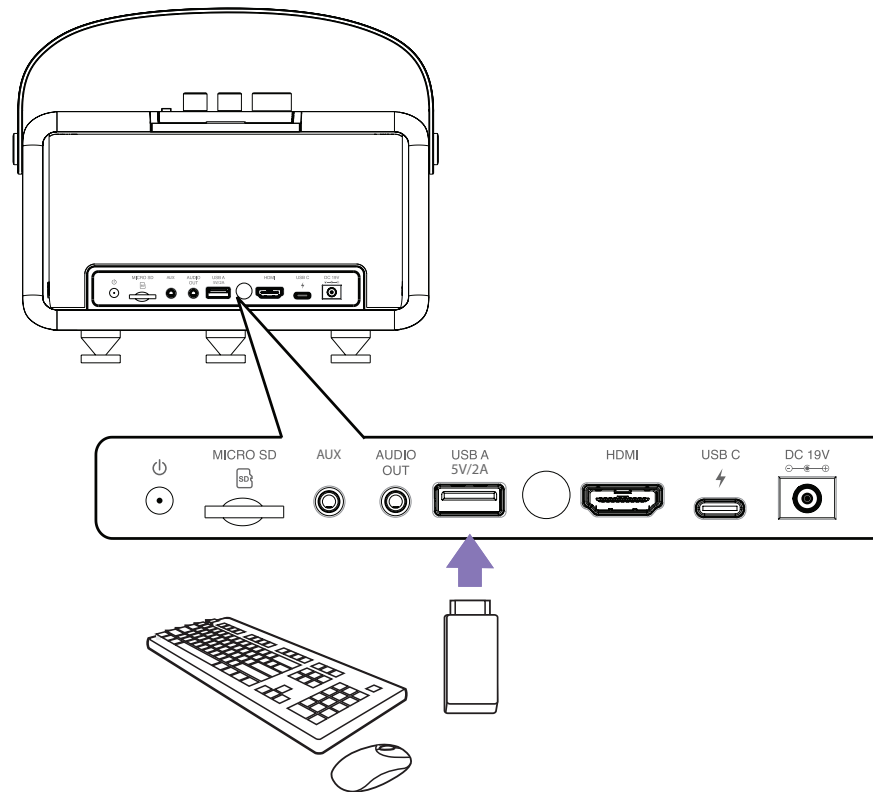
#### NOTE:

- Ensure your USB Type-C device can support video transmission.
- The X300 can also use a USB-C connected power bank to turn on the system. However, the **Light Source Level** will be limited to **Eco** and **Battery Saving**. After powering on the system, the remaining power will charge the X300's internal battery.

## USB Type A Connection

Connect one end of a USB Type A cable to the USB Type A port of your device (if applicable). Then connect the other end of the cable to the **USB A** port of your projector.

Additionally, you can connect a keyboard, a mouse, dongles, storage devices, etc. to the projector's **USB A** port.

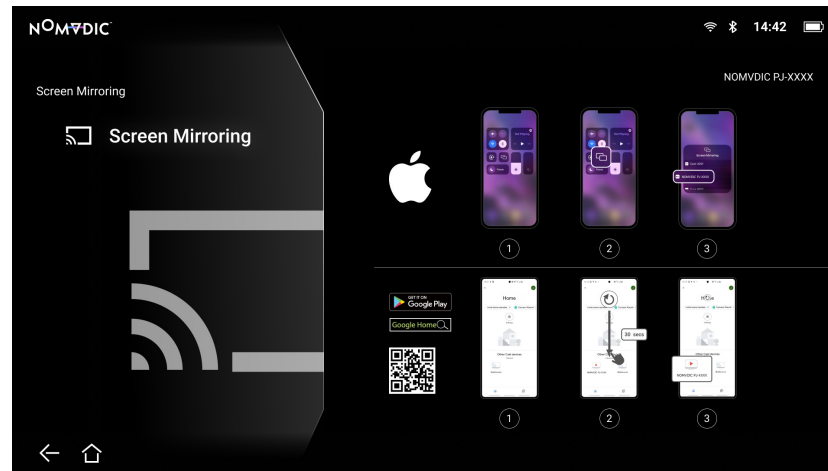


# Wireless Screen Mirroring

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.
- It is recommended to use a 5GHz Wi-Fi network for best results.



## For iOS:

1. Access the drop down control menu.
2. Select the "Screen Mirroring" icon.
3. Choose "NOMVDIC 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. "NOMVDIC 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 "NOMVDIC" from the list of available devices. If you do not have the "Google Home" application you can also scan the QR code and follow the steps to directly cast your Android device.

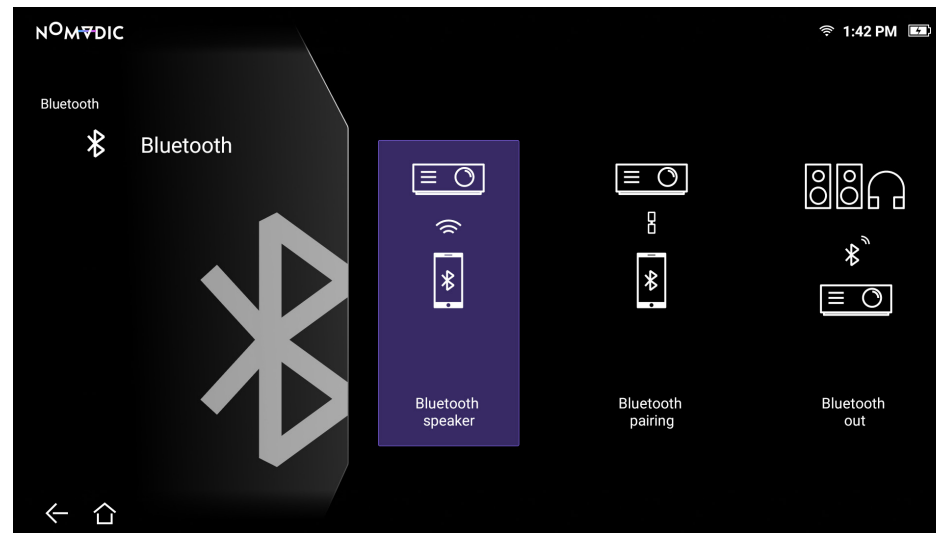
# Connecting to Audio

## 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.



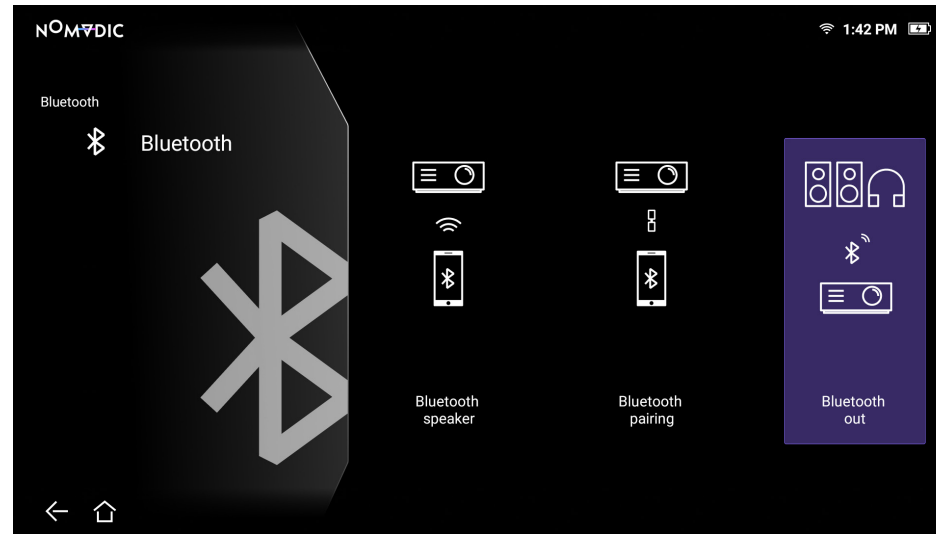
3. A sound effect will be audible upon entering pairing mode.
4. Upon successful connection, another sound effect will be audible.

### 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 "NOMVDIC X300".
- To connect the X300 with a paired smart device, select "X300" from the smart device's Bluetooth settings to connect again each time.

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

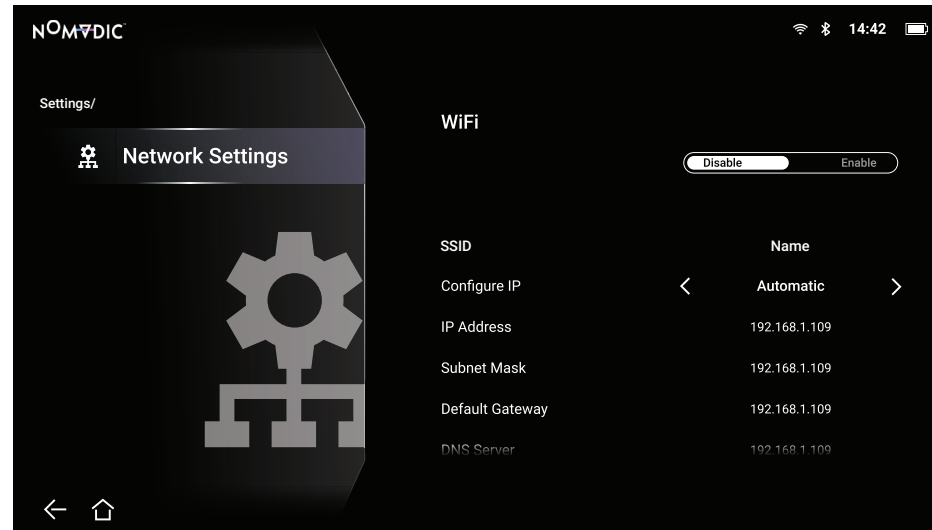
**NOTE: Bluetooth Out** cannot work with **Bluetooth Speaker** or **Bluetooth Pairing** at the same time.

# 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 **Enable**.



3. Available Wi-Fi networks will then be displayed. Select one of the available Wi-Fi networks and press **OK** on the remote control.
4. If you connect to a secure Wi-Fi network, you must enter the password when prompted.



## Custom SSID

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 **Enable**.
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 by choosing **Automatic** for **Configure IP**.

## NOMVDIC Remote Control App

In addition to the remote control supplied with the X300, the NOMVDIC Remote Control App can be downloaded to a smartphone and be used to control the X300.

### **For iOS:**

1. Go to the App Store.
2. Search for, select, and download the "NOMVDIC Remote Control" App.
3. Install the App.
4. Connect your smartphone and the X300 to the same Wi-Fi network.

### **For Android:**

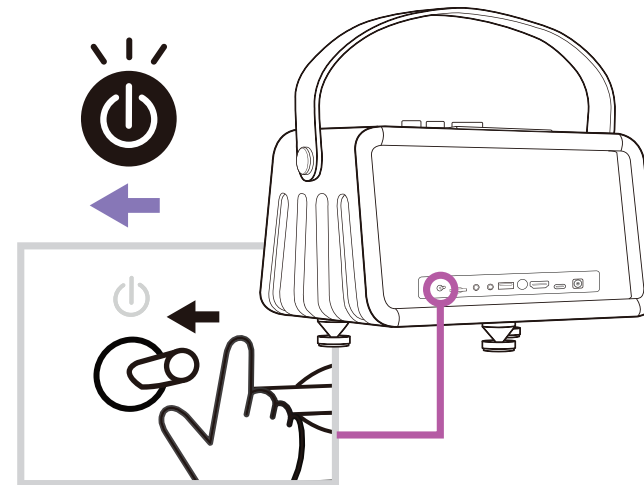
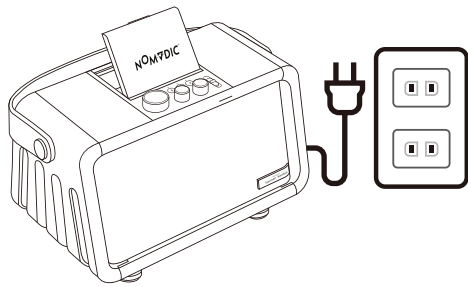
1. Go to the Google Play Store.
2. Search for, select, and download the "NOMVDIC Remote Control" App.
3. Install the App.
4. Connect your smartphone and the X300 to the same Wi-Fi network.

# Using the Projector

## Starting Up the Projector

1. Ensure the projector's power cord is properly connected to a power outlet and the Lens Cover is open.
2. After plugging in the DC Power Adapter, switch the **Power Toggle** to the On position.

**NOTE:** The Status LED will be blinking green during startup, and solid green after the startup process.

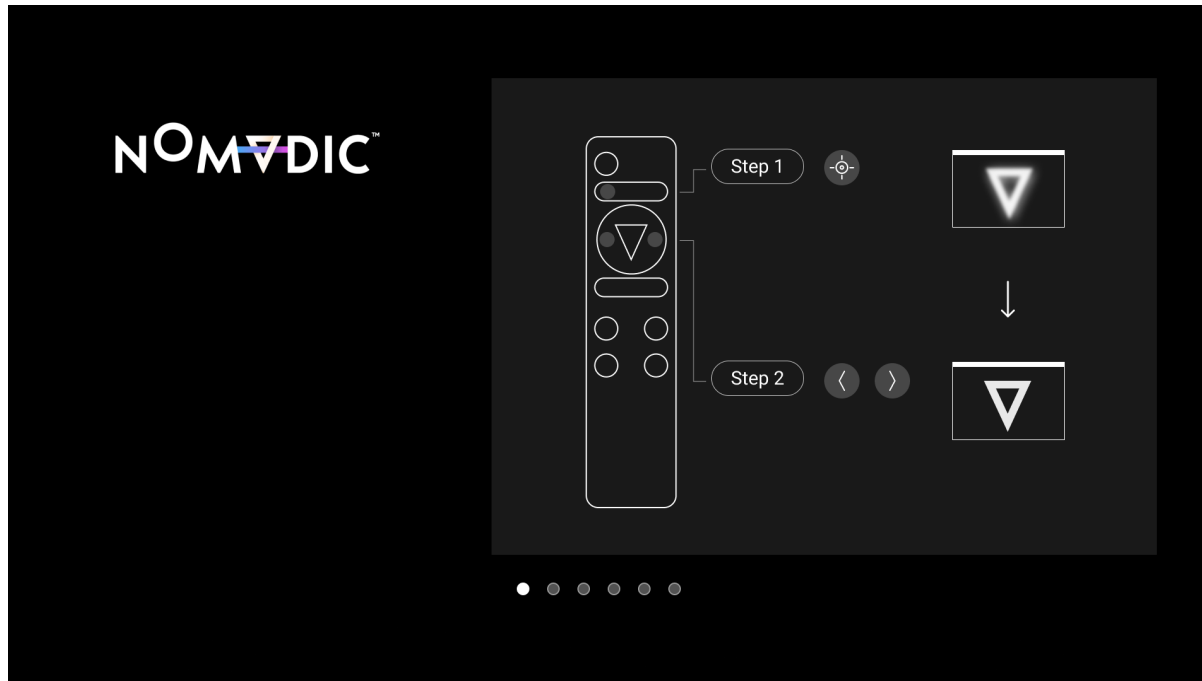


## First Time Activation

If the projector is activated for the first time, you will need to adjust the focus and setup: Projection Orientation, Preferred Language, Network Settings, and Bluetooth Pairing. Follow the on-screen instructions using the remote control. When the "Finish screen" appears, this indicates the projector is ready to use.

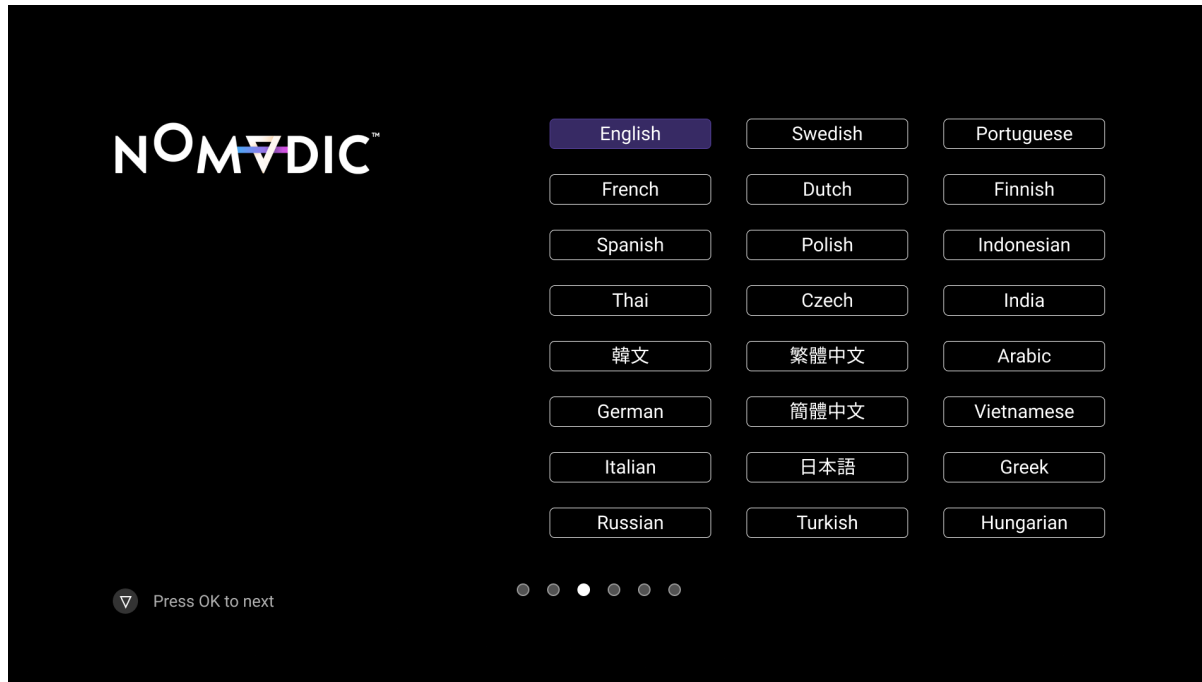
## Manual Focus

Use the Remote Control or the **Focus Adjustment Slider** to manually focus the image.



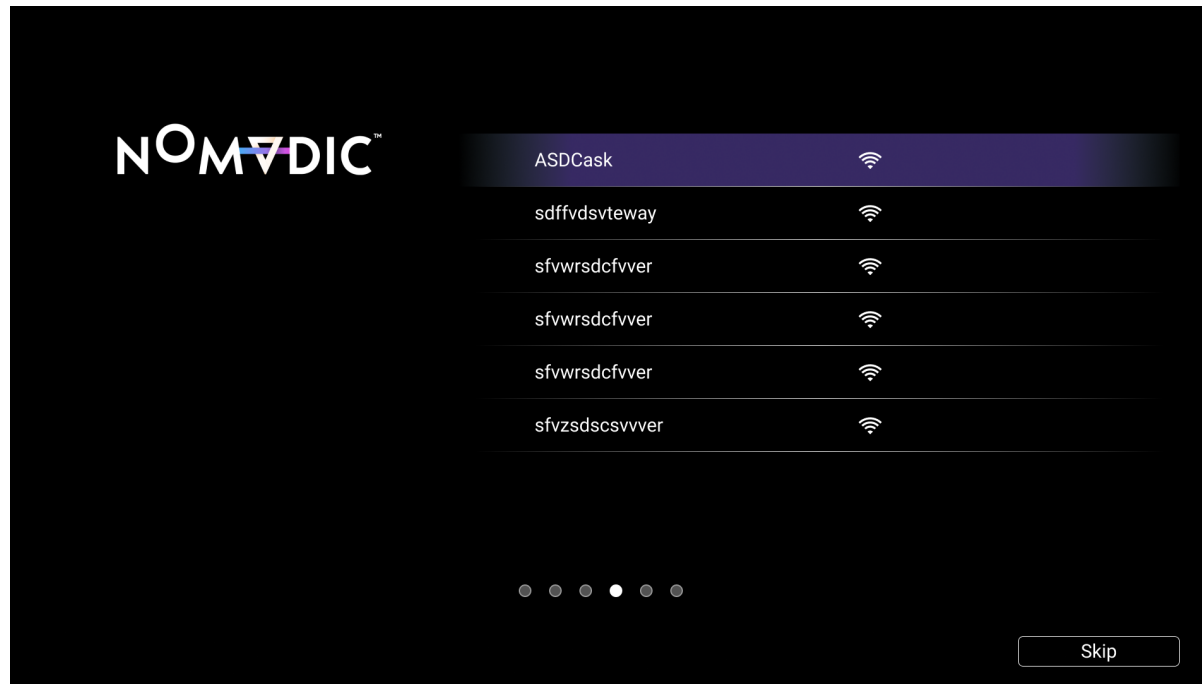
## Preferred Language

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



## Network Settings

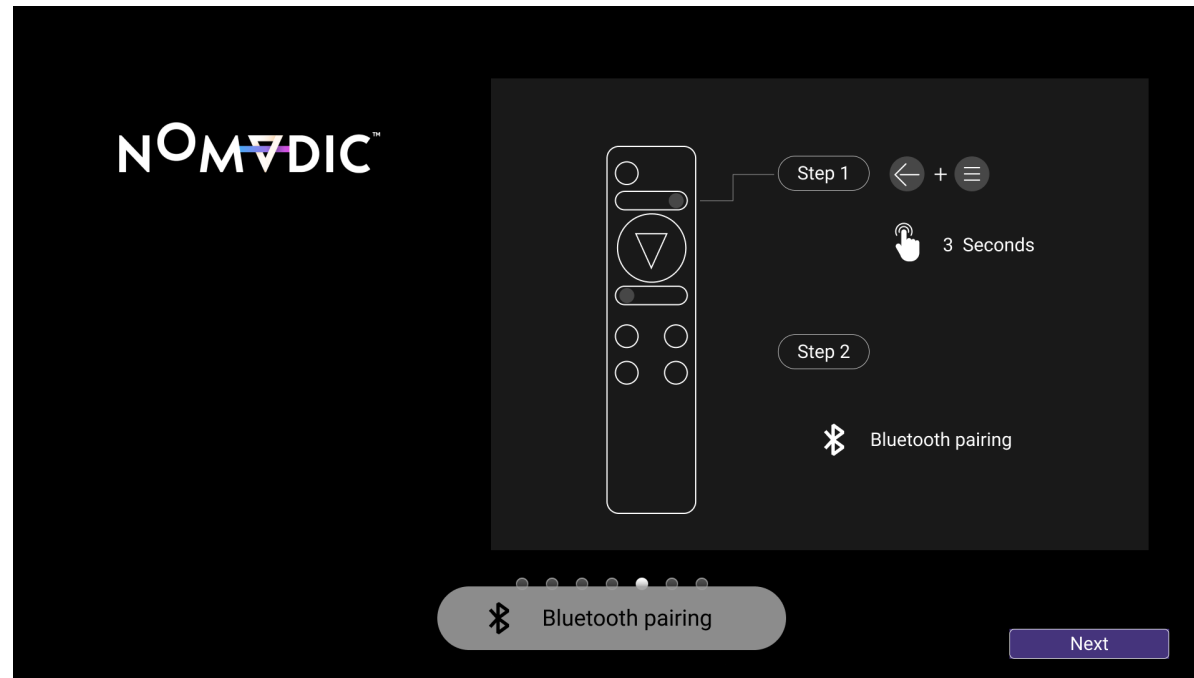
Select one of the available Wi-Fi network options. For more information, see page 28.



**NOTE:** You can also control the X300 with the NOMVDIC Remote Control App. To learn more see page 30.

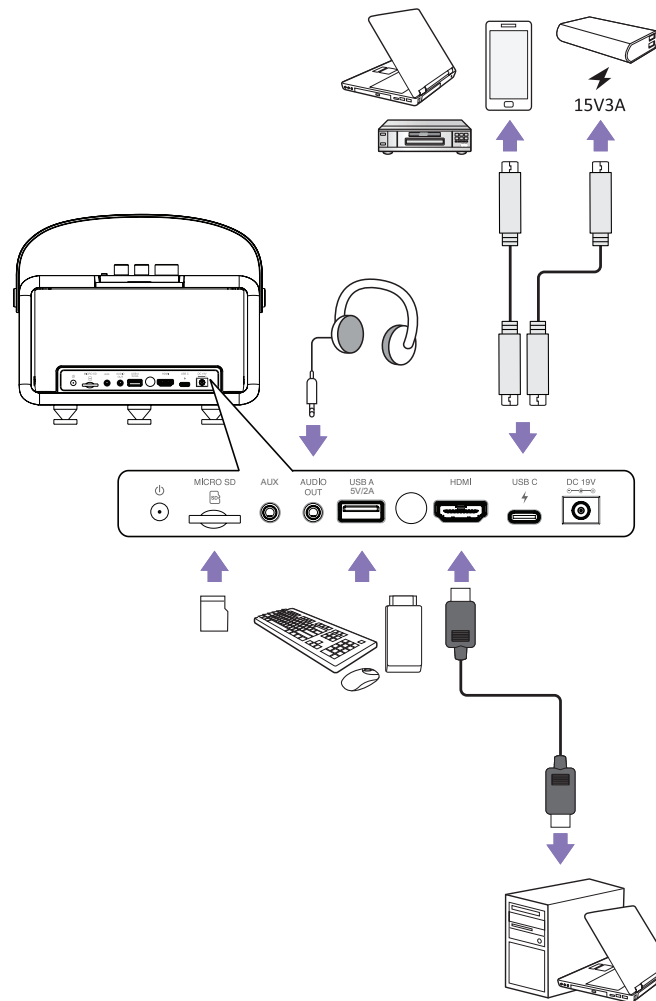
## Bluetooth Pairing

Pair the Bluetooth remote. For more information, see page 26.



## Selecting an Input Source

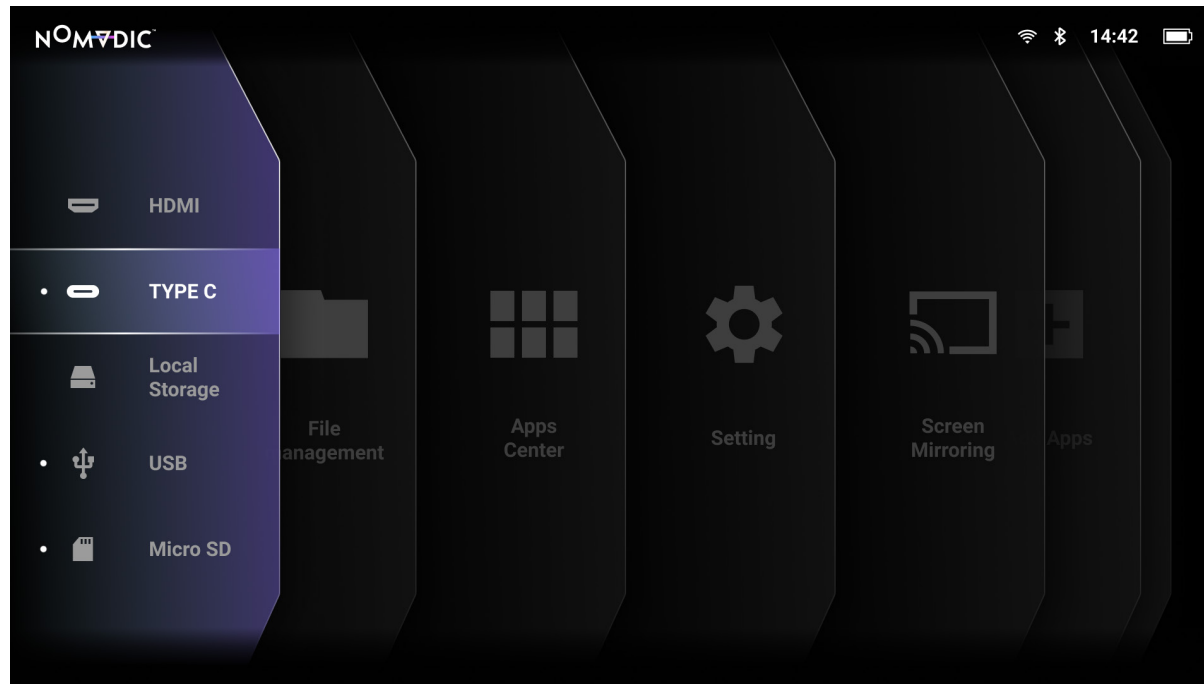
The projector can be connected to multiple devices at the same time. However, it can only display one source at a time.





The projector will automatically search for input sources. If multiple sources are connected, press the **Left** button on the remote control until the source input tab is selected and then choose the input source.

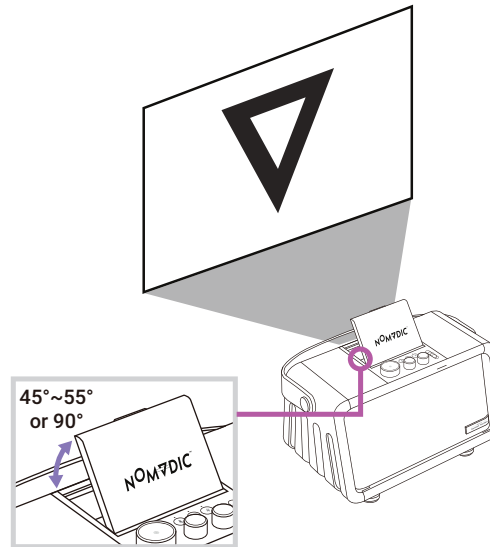
**NOTE:** Ensure the connected sources are also turned on.



# Adjusting the Projected Image

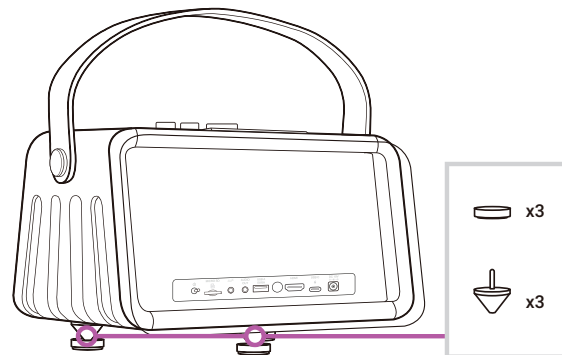
## Adjusting the Projector's Height and Projection Angle

Adjust the Lens Cover to an angle that best fits your usage scenario. Typically 45°~55° and 90° offer the best result.



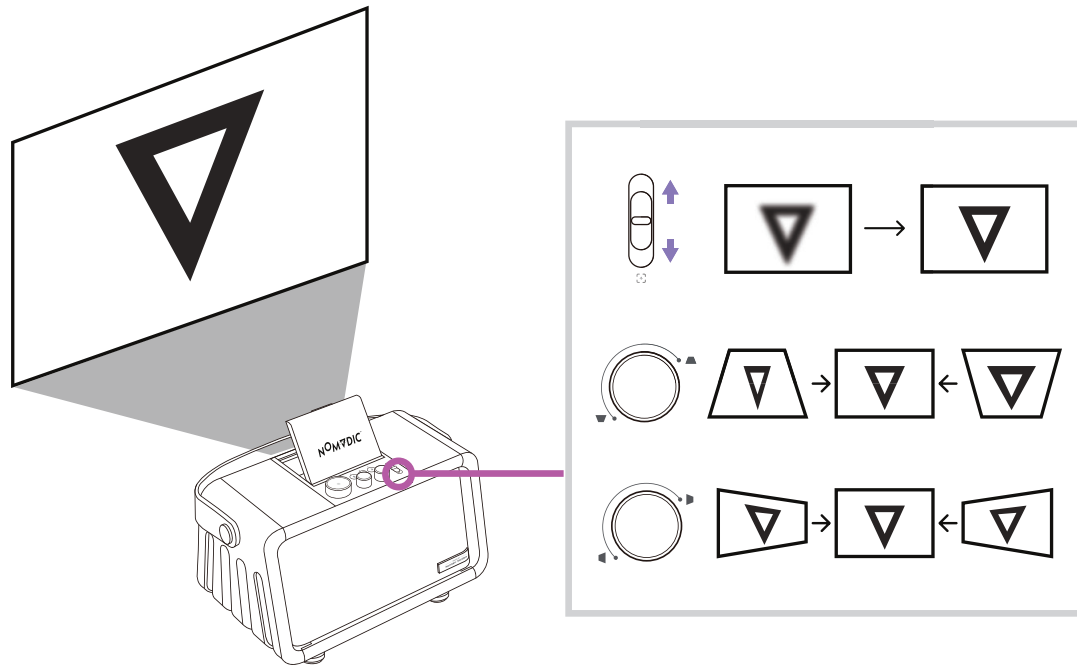
The projector feet can also be changed to adjust the height of the projector.

**NOTE:** The cone-shaped feet help the speaker get better and cleaner sounds by reducing any unwanted movements. We suggest using the cone-shaped feet if the X300 is placed indoors and not carried around. The cone-shaped feet are used to prevent possible damage to the surface where the speaker stands.



## Fine-Tuning the Image Clarity

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 "Keystone Adjustment" function can correct the issue.



You can improve the clarity of the image by pressing the **Focus** button on the remote control, then using the **Left** and **Right** buttons to adjust. Additionally, you can use the **Focus Adjustment Slider** to clarify the image.

## Shutting Down the Projector

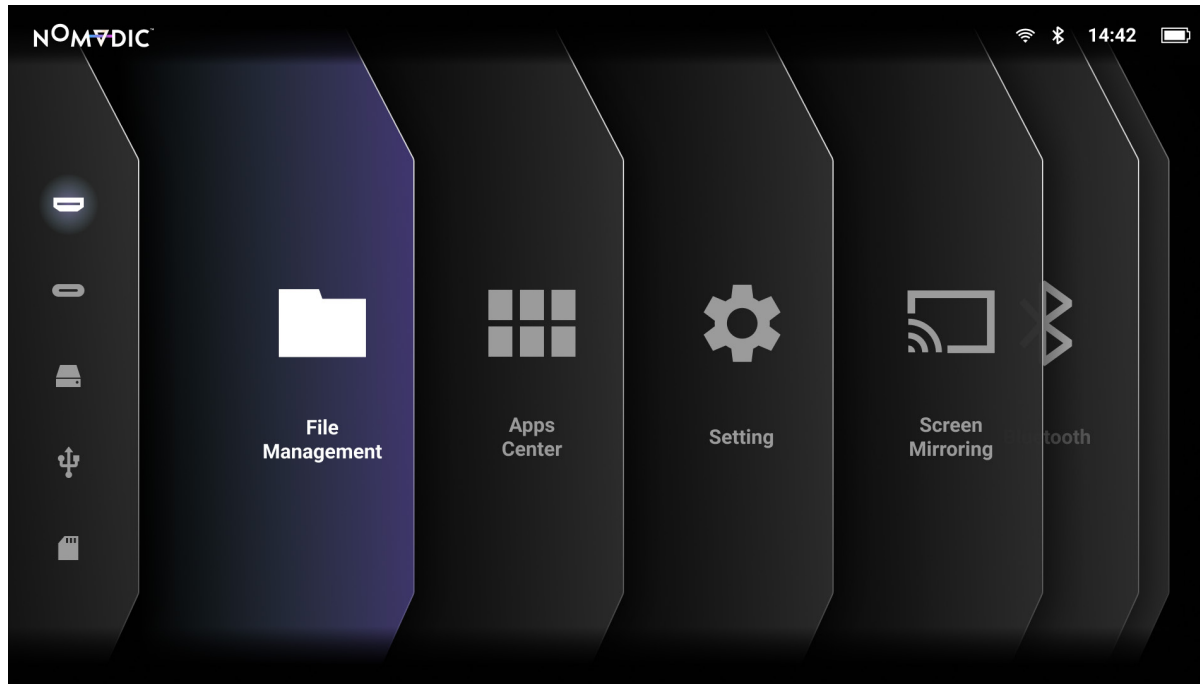
Switch the **Power Toggle** to Off to power off the projector.

**NOTE:** Pressing **Power** on the remote control, you can choose from three options: **Bluetooth Speaker**, **Turn Light Source Off**, and **Restart**.

# Operating the Projector

## 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
<b>File Management</b>	Provides a user interface to manage files and folders.
<b>Apps Center</b>	Access and view all the applications you have installed.
<b>Setting</b>	Manage various categories such as: Network settings, Date & Time, Basic and Advanced settings, Firmware update, and System Information.
<b>Screen Mirroring</b>	Mirror your personal device's screen through the projector.
<b>Bluetooth</b>	Select the appropriate Bluetooth mode.
<b>Add App</b>	Select your favorite Apps and add them to the <b>Home Screen</b> <sup>1</sup> .

---

<sup>1</sup> Up to four (4) Apps can be added to the Home Screen.

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

Main Menu	Sub-menu		Menu Option	
File Management				
Apps Center				
Setting	Network Settings	Wi-Fi	Enable/Disable	
			SSID	
			Configure IP	
			IP Address	
			Subnet Mask	
			Default Gateway	
			DNS Server	
	Date & Time	Automatic Date & Time	Disable	
			Enable	
		Date		
		Time		
		Time Zone		
		Time Format	12 hours	
			24 hours	

Main Menu	Sub-menu	Menu Option	
<b>Setting</b>	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			



Main Menu	Sub-menu	Menu Option		
Setting	Basic Settings	Language	Vietnam	
			Greek	
		Projector Projection	Front Table	
			Front Ceiling	
			Rear Table	
			Rear Ceiling	
		Keystone	V Keystone	(-/+ , -40~40)
			H Keystone	(-/+ , -40~40)
			4 Corner	Disable
				Enable
	4 Corner Adjustment			
	Zoom	0.8x~1.0x		
	Focus	Manual Focus		
	Advanced Settings	Power On Source	Disable	
			HDMI	
			USB C	
		Power On/Off Ring Tone	Disable	
Enable				

Main Menu	Sub-menu	Menu Option		
Setting	Advanced Settings	Auto Power Off	Disable	
			10 minutes	
			20 minutes	
			30 minutes	
		Smart Energy	Sleep Timer	Disable
				30 minutes
				1 hour
				2 hours
				3 hours
				4 hours
	8 hours			
	Power Saving	Disable		
		Enable		
	Harman Kardon	Audio Mode	Movie	
			Music	
			User	100Hz
				500Hz
1500Hz				
5000Hz				
10000Hz				

Main Menu	Sub-menu	Menu Option		
Setting	Advanced Settings	harman/kardon	Audio Volume	(-/+ , 0~50)
			Mute	Disable Enable
		Light Source Level	Full	
			Eco	
			Battery Saving	
		High Altitude Mode	Disable	
			Enable	
		Reset Settings	Reset	
			Cancel	
		Reset to Factory Default	Reset	
			Cancel	
		Firmware Upgrade	Software Upgrade	Software Update Online
	Software Update by USB			
	OTA Reminder		Enable	
			Disable	
	Version	Software Version		

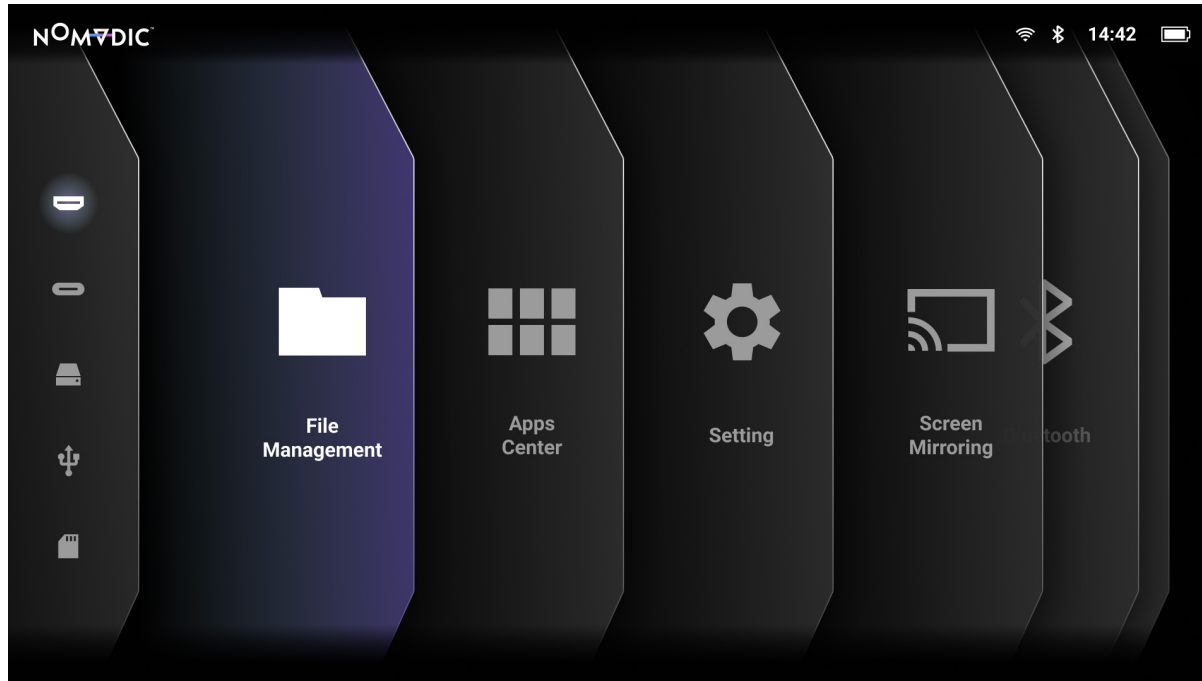
Main Menu	Sub-menu	Menu Option		
<b>Setting</b>	Information	Light Source Hours		
		System Version		
		Memory Information	xx GB (Free)/xx GB (Total)	
		Wi-Fi Mac Address		
		Serial Number		
<b>Screen Mirroring</b>				
<b>Add App</b>				

# Menu Operations

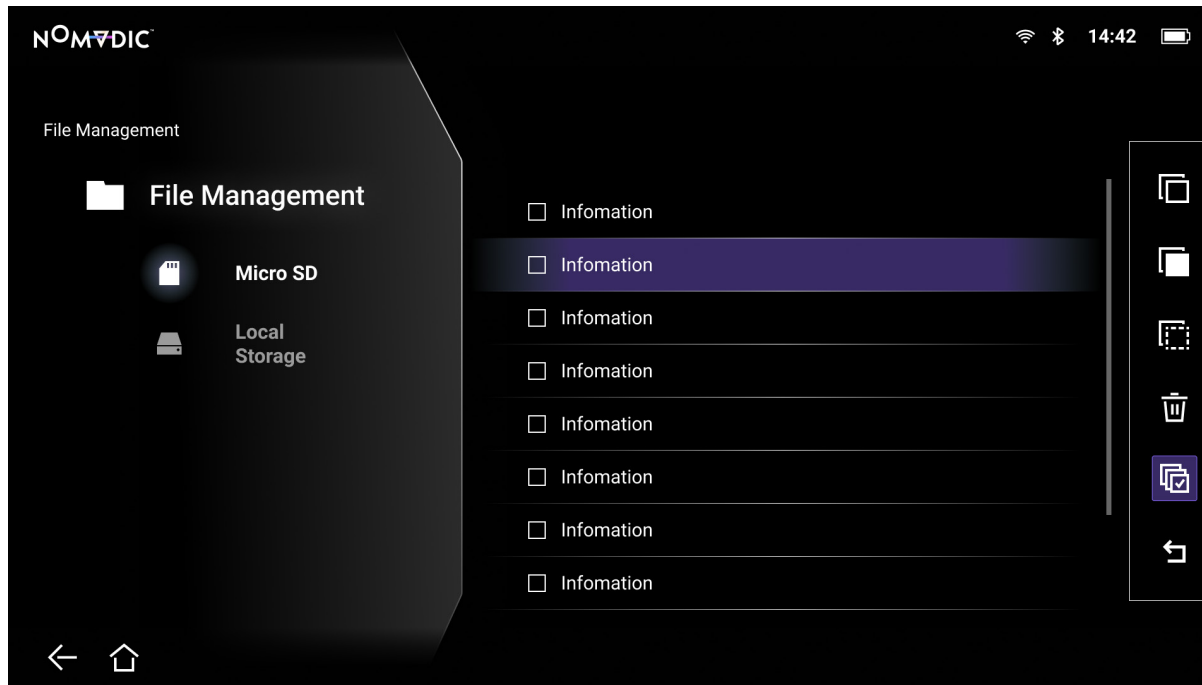
## File Management

Easily manage files and folders.

1. Go to: **Home > File Management.**



2. Select a device on the source list: USB, Local Storage, microSD, etc. Use the directional buttons to select the desired file. Then press **OK** on the remote control to open the selected file.

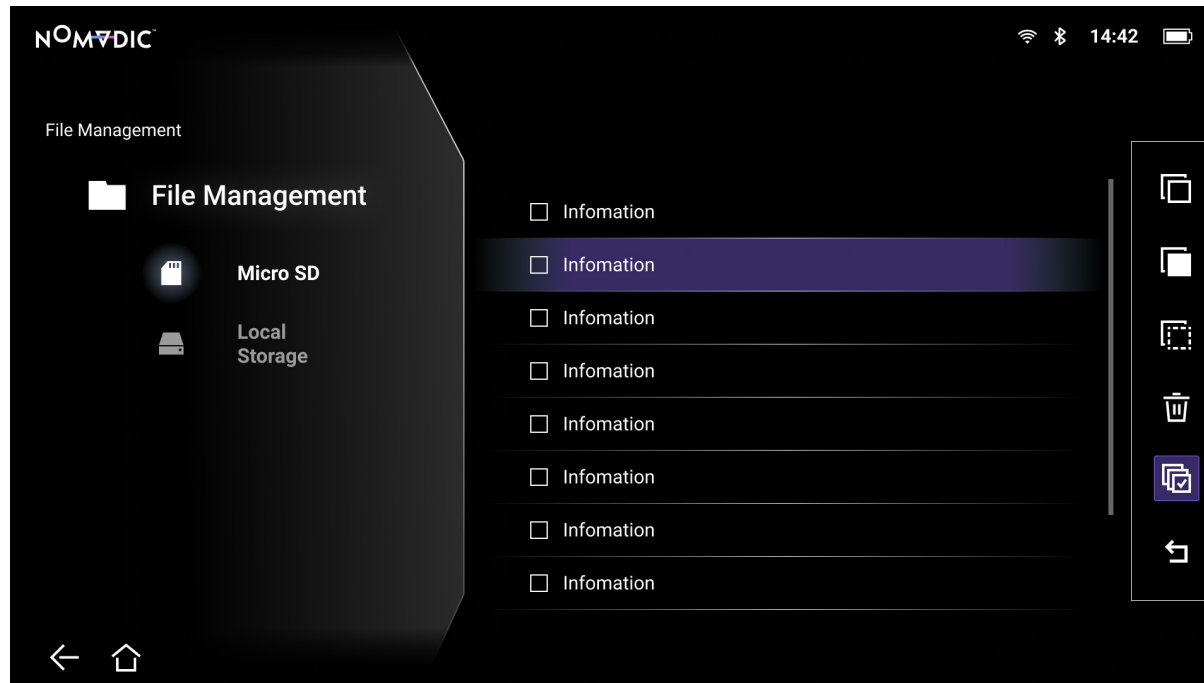


3. Press the **Return** button to go to a previous a level.

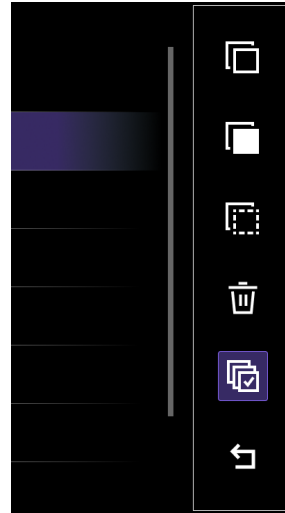
**NOTE:** Press the **Home** button on the remote control to return to the **Home Screen** at anytime.

## 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 directional 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 Control Bar Buttons

The control bar buttons will appear on screen if a video, music, or photo file is opened.

Audio		Picture		Video	
	Previous		Previous		Previous
	Play		Play		Rewind
	Pause		Pause		Play
	Next		Next		Pause
	Shuffle		Rotate (Left)		Fast Forward
	Repeat All		Rotate (Right)		Next
	Repeat Once		Information		Shuffle
	Playlist				Repeat All
	Information				Repeat Once
					Playlist
					Information

## Tips for Using USB

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

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

## Supported File Formats

Supported Office formats:

	Item	Description
<b>Document Viewing Function</b>	doc/docx	Able to open and read documents in doc/docx.
	xls/xlsx	Able to open and read documents in xls/xlsx.
	ppt/pptx	Able to open and read documents in ppt/pptx.
	PDF	Able to open and read documents in PDF.
<b>Supporting Interface Language</b>	Supporting 44 Interface 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.

Supported Multimedia formats:

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

Supported Multimedia formats:

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

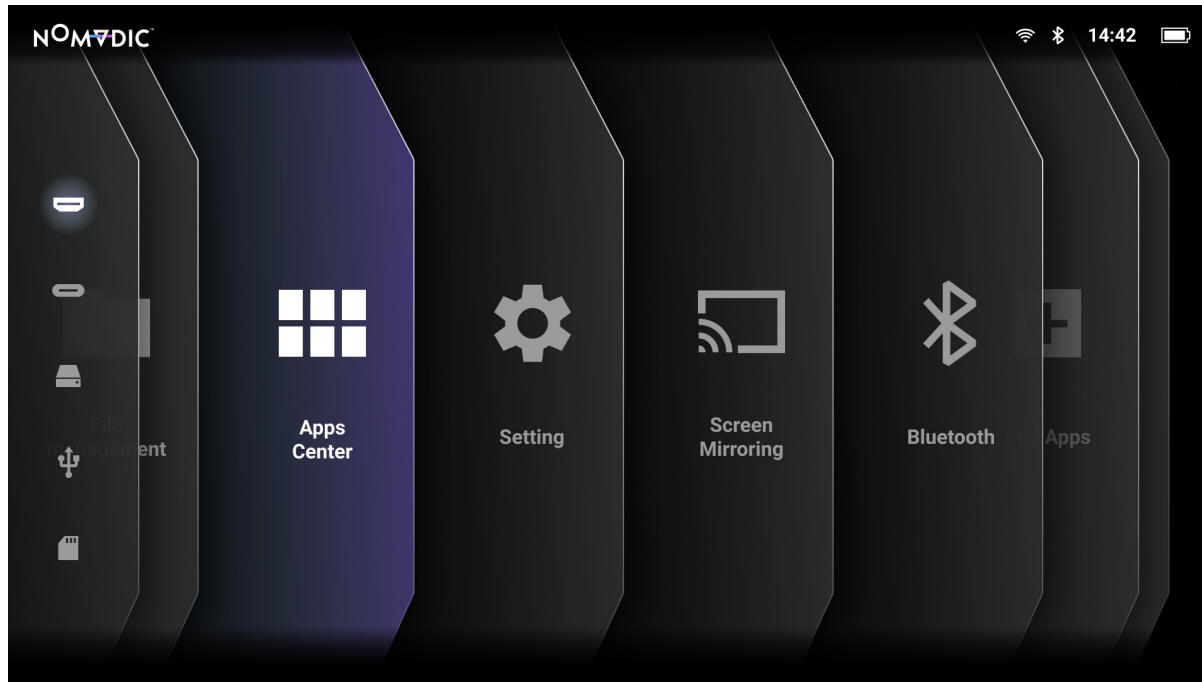
**NOTE:**

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

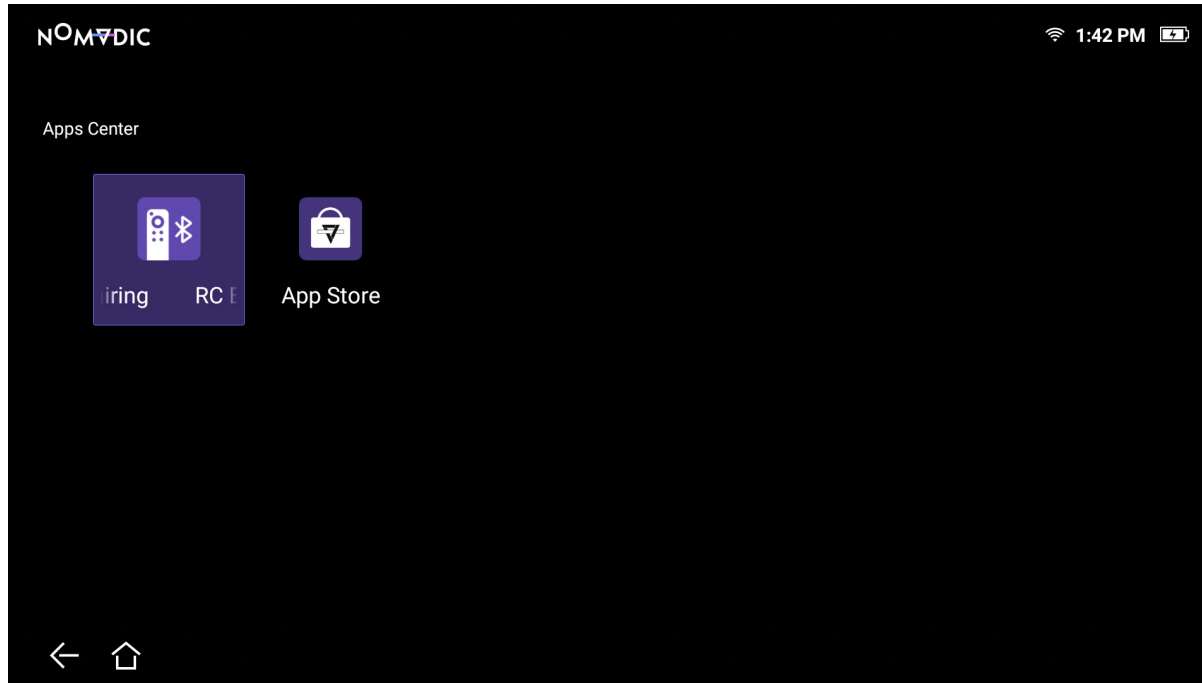
## Apps Center

View, launch, and uninstall Apps.

1. Go to: **Home > Apps Center**.



2. Use the directional 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.

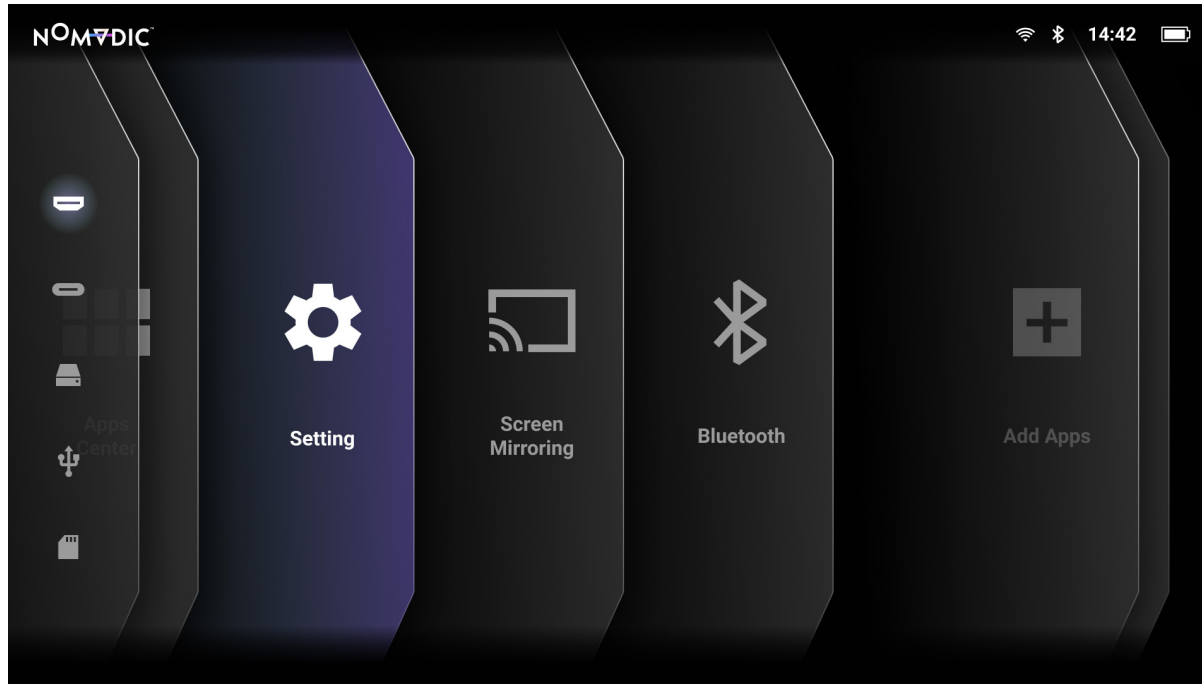
### To Uninstall Apps

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

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

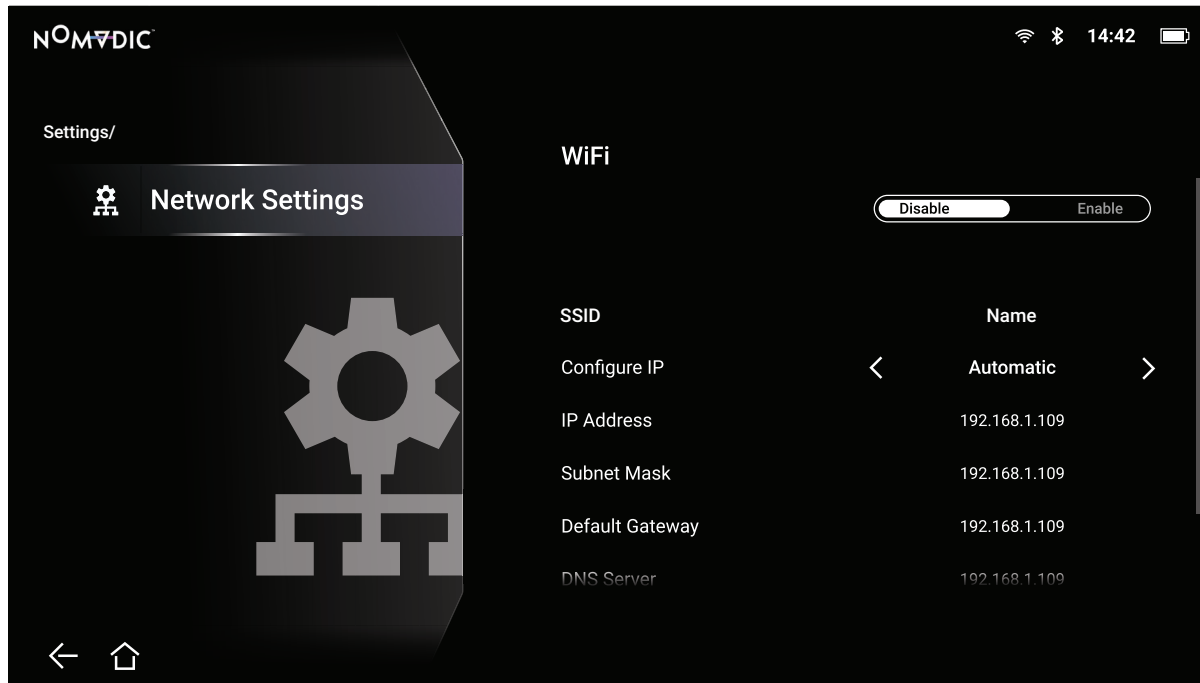
## Setting

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



## Network Settings

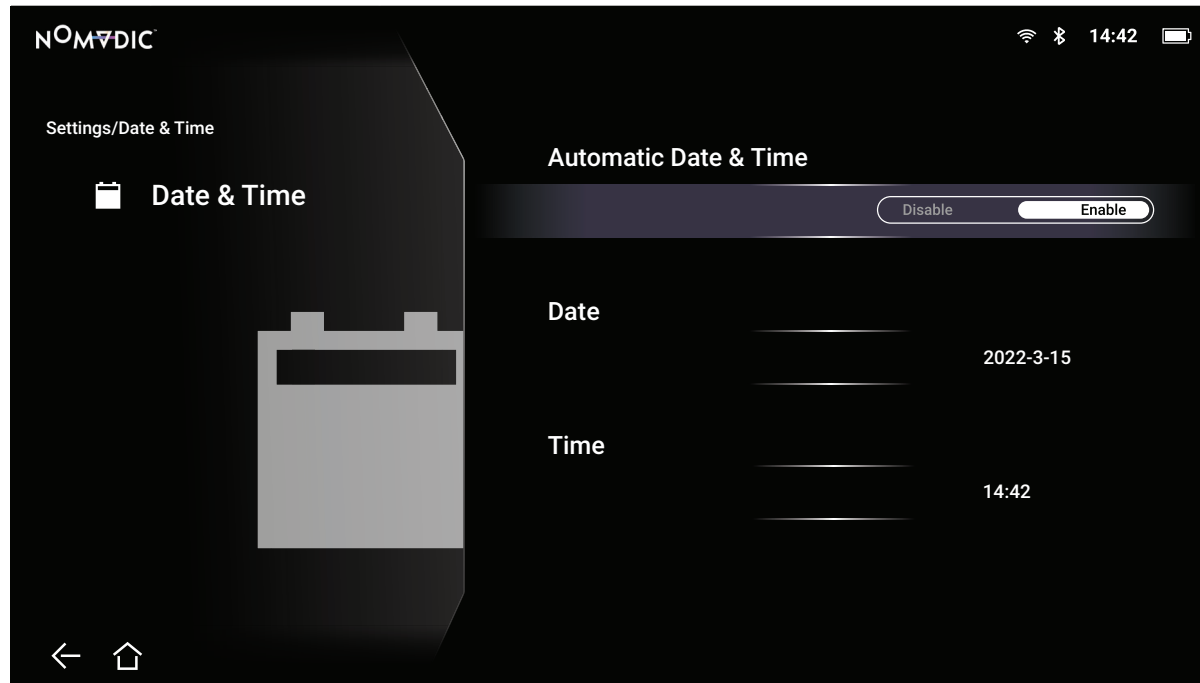
1. Go to: Home > Setting > Network Settings.



2. View and adjust your Wi-Fi and network settings.
3. To setup a Wireless connection, see page 28.

## Date & Time

1. Go to: Home > Setting > Date & Time.



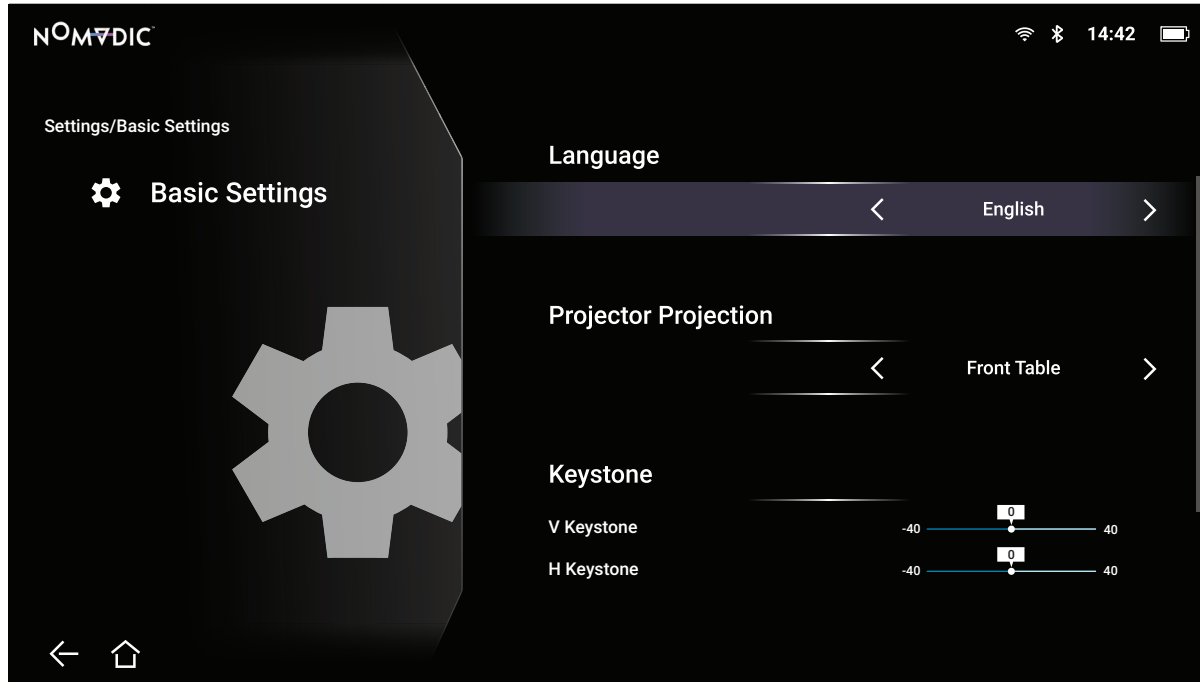
2. Use the **Up** and **Down** buttons to select the desired option and press **OK**, or use the **Left** and **Right** buttons to make adjustments or selections.



Menu	Description
<p><b>Automatic Date &amp; Time</b></p>	<p>Users can synchronize the date and time automatically after connecting to the Internet.</p> <p><u>Enable</u> Turn on synchronization.</p> <p><u>Disable</u> Turn off synchronization.</p>
<p><b>Time Zone</b></p>	<p>Select your location.</p>
<p><b>Time Format</b></p>	<p>Select the displayed time format.</p> <p><u>12 hours</u> 12-hour clock.</p> <p><u>24 hours</u> 24-hour clock.</p>

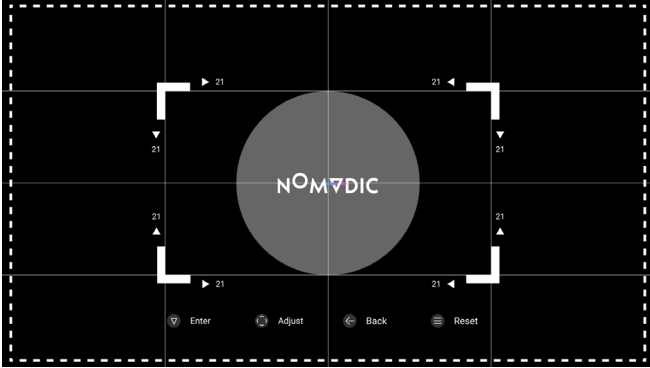
## Basic Settings

1. Go to: Home > Setting > Basic Settings.



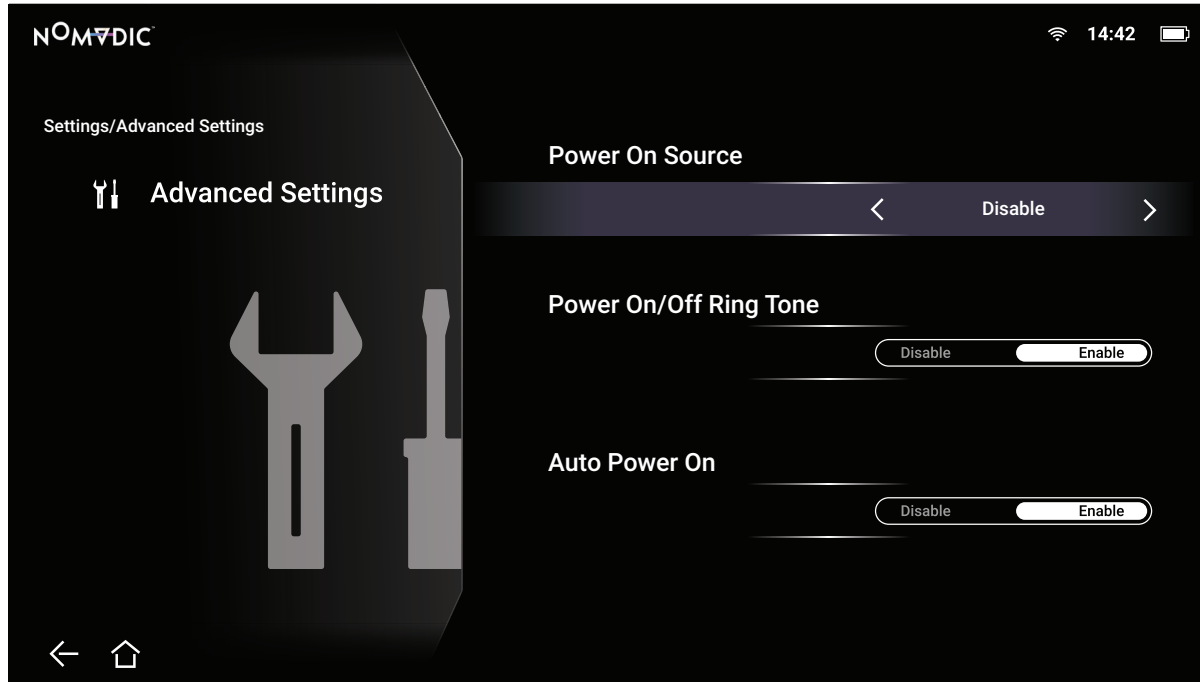
2. Use the **Up** and **Down** buttons to select the desired option and press **OK**, or use the **Left** and **Right** buttons to make adjustments or selections.
3. To return to a previous menu press the **Return** button.

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

Menu	Description
<p><b>Keystone</b></p>	<p>Adjust trapezoidal screen image distortion.</p> <p><u>Horizontal Keystone</u> Keystone can be adjusted horizontally manually.</p> <p><u>Vertical Keystone</u> Keystone can be adjusted vertically manually.</p> <p><u>4 Corner Adjustment</u> Adjust each corner individually for maximum projection flexibility.</p>  <p><b>NOTE:</b> If 4 Corner Adjustment is on, H/V Keystone will be disabled.</p>
<p><b>Zoom</b></p>	<p>Adjust the level of zoom.</p>
<p><b>Focus</b></p>	<p>Adjust the focus of the screen image.</p> <p><u>Manual Focus</u> Adjust the focus with the <b>Left</b> and <b>Right</b> buttons on the remote control.</p>

## Advanced Settings

1. Go to: **Home > Setting > Advanced Settings.**



2. Use the **Up** and **Down** buttons to select the desired option and press **OK**, or use the **Left** and **Right** buttons to make adjustments or selections.
3. To return to a previous menu press the **Return** button.

Menu	Description
<b>Power On Source</b>	Allows the user to enter the desired source directly after turning on the projector.
<b>Power On/Off Ring Tone</b>	Enable or disable the power on/off ring tone.

Menu	Description
<p><b>Smart Energy</b></p>	<p><u>Auto Power Off</u> The projector can turn off automatically after a set period of time once no input source is detected.</p> <p><u>Sleep Timer</u> Turn off automatically after a set period of time.</p> <p><u>Power Saving</u> Lower power consumption if no input source is detected after five (5) minutes.</p> <p><b>NOTE:</b> The power consumption of the LED will be changed to 30% after no signal is detected for five (5) minutes.</p>
<p><b>Harman Kardon</b></p>	<p><u>Audio Mode</u></p> <ul style="list-style-type: none"> <li>• Movie: Default audio mode.</li> <li>• Music: Ideal for music playback.</li> <li>• User: Allows the user to customize the audio equalizer.</li> </ul> <p><b>NOTE:</b> In User mode, 100Hz, 500Hz, 1500Hz, 5000Hz, and 10000Hz can be selected.</p> <p><u>Audio Volume</u> Adjust the volume from 0 to 50.</p> <p><u>Mute</u> Mute or unmute the volume.</p>

Menu	Description
<p><b>Light Source Level</b></p>	<p>Select the suitable power consumption of the LED.</p> <p><u>Full</u> 100%</p> <p><u>Eco</u> 70%</p> <p><u>Battery Saving</u> 40%</p> <p><b>NOTE:</b> If using a USB-C connected power bank or the built-in battery to charge the X300, the light source level will only have Eco and Battery Saving options.</p>
<p><b>High Altitude Mode</b></p>	<p>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.</p> <p><b>NOTE:</b> 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.</p>
<p><b>Reset Settings</b></p>	<p>Reset the settings to default.</p> <p><b>NOTE:</b> Language, High Altitude Mode, Projector Position, Network Settings, All installed Apps in the Apps Center, Add App, Bluetooth, Zoom, H/V Keystone, 4 Corner Adjustment, and Light Source Hours will remain unchanged.</p>

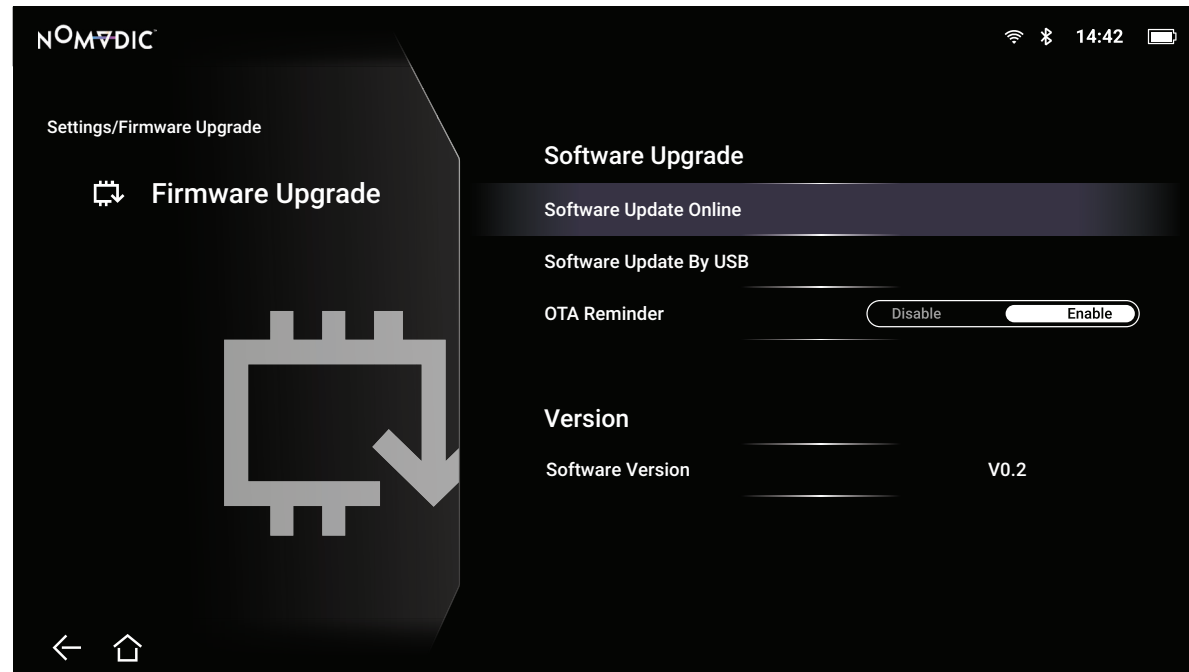
Menu	Description
<b>Reset to Factory Default</b>	Factory reset. <b>NOTE:</b> Light Source Hours will remain unchanged.

## 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, go to: **Home > Setting > Firmware Upgrade**.





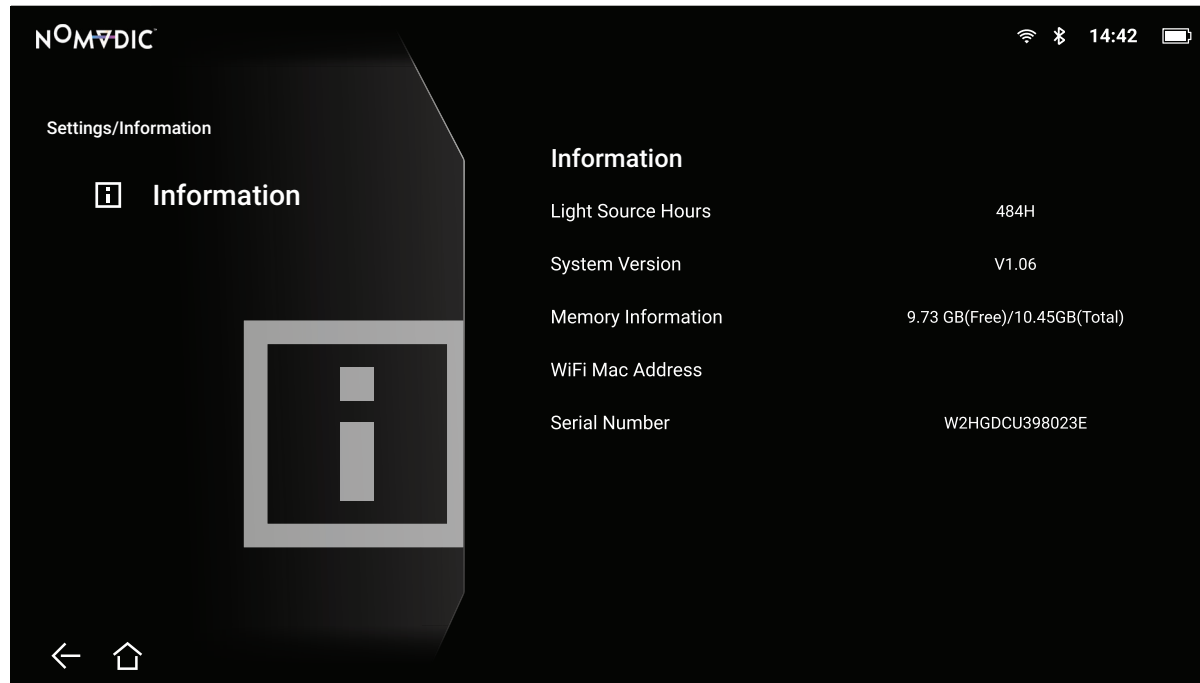
## Firmware Update Online

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 NOMVDIC website (OTA) and display a dialog message if there 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.

**NOTE:** The projector screen will be black for about 10 minutes during the updating process.

## Information

1. Go to: **Home** > **Setting** > **Information**.



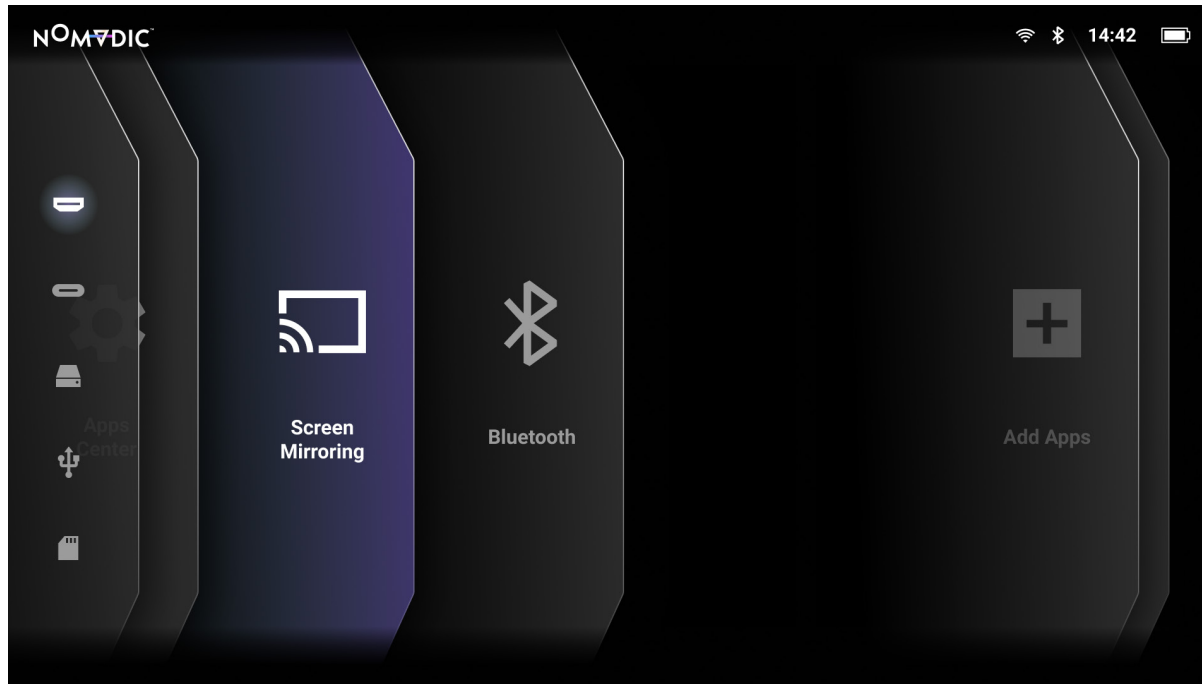
2. View system status and information.

**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 page 25.

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



## Bluetooth

The projector is equipped with Bluetooth that allows the user to connect their device wirelessly for audio playback. For more information, see page 26.



## Add App

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**.

**NOTE:** Only four (4) Apps can be added to 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.

# Input Source Selected – On-Screen Display (OSD) Menu 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			
		User 1			
		User 2			
	Brightness	(-/+ , 0~100)			
	Contrast	(-/+ , 0~100)			
	Color Temp	6500K			
		7500K			
		9300K			
	Color Temp	User	Red Gain	(-/+ , 0~100)	
			Green Gain	(-/+ , 0~100)	
			Blue Gain	(-/+ , 0~100)	
			Red Offset	(-/+ , 0~100)	
Green Offset			(-/+ , 0~100)		
Blue Offset			(-/+ , 0~100)		
Tint	(-/+ , 0~100)				

Main Menu	Sub-menu	Menu Option		
Image Setting	Saturation	(-/+ , 0~100)		
	Sharpness	(-/+ , 0~100)		
	Gamma	1.8		
		2.0		
		2.2		
		2.35		
		2.5		
		sRGB		
		Cubic		
	Color Management	Primary Color	Red	
			Green	
			Blue	
			Cyan	
			Magenta	
			Yellow	
Hue		(-/+ , 0~100)		
Saturation		(-/+ , 0~100)		
Gain	(-/+ , 0~100)			
Reset Current Color Settings	OK			

Main Menu	Sub-menu	Menu Option		
<b>Advanced</b>	Aspect Ratio	Auto		
		4:3		
		16:9		
		16:10		
	Zoom	0.8x~1.0x		
	Light Source Level	Full		
		Eco		
		Battery Saving		
	HDMI Setting	Range		Auto
				Full Range
				Limited
	3D Sync	3D Format		Auto
				Disable
Frame Sequential				
Frame Packing				
Top-Bottom				
Side-by-Side				
3D Sync Invert		Disable		
	Invert			



Main Menu	Sub-menu	Menu Option			
<b>Advanced</b>	Harman Kardon	Audio Mode	Movie		
			Music		
			User		
				500Hz	
				1500Hz	
				5000Hz	
				10000Hz	
	Audio Volume	(-/+ , 0~50)			
	Mute	Disable			
		Enable			
Information	Source				
	Resolution				
	3D Format				

## Image Setting Menu




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




To access the **Image Setting** menu:

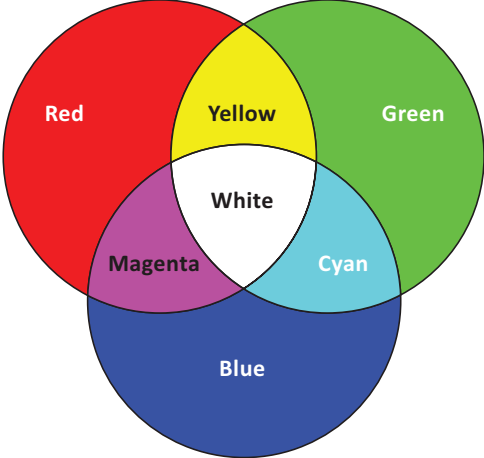
1. Press **Setting** on the remote control.
2. Use the **Left/Right** buttons on the remote control to select **Image Setting** (if applicable).



3. Then use the **Up/Down** buttons on the remote control to select the sub-menu(s).
4. Use the **Left/Right** buttons on the remote control to enter the sub-menu(s) and/or adjust the settings.
5. Press the **Return** button on the remote control to go to the previous menu or exit.

Menu	Description
<p><b>Color Mode</b></p>	<p>The projector is preset with several predefined picture modes so that you can choose one to suit your operating environment and input signal.</p> <p><u>Brightest</u> Maximizes the brightness of the projected image. This mode is suitable for environments where extra-high brightness is required, i.e. well-lit rooms.</p> <p><u>TV</u> Optimized for viewing sports in well-lit environments.</p> <p><u>Gaming</u> Designed for playing video games.</p> <p><u>Movie</u> Appropriate for colorful movies, video clips from digital cameras, or DVs through the PC input. Best for low-light environments.</p> <p><u>User 1/User 2</u> Recalls the customized user settings.</p> <p><b>NOTE:</b> Only supports HDMI/USB-C signal input.</p>
<p><b>Brightness</b></p>	<p>The higher the value, the brighter the image. Lower values will result in a darker image.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>30</p> </div> <div style="text-align: center;">  <p>50</p> </div> <div style="text-align: center;">  <p>80</p> </div> </div>

Menu	Description
<p><b>Contrast</b></p>	<p>Use this to set the peak white level after you have previously adjusted the <b>Brightness</b> setting to suit your selected input and viewing environment.</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p style="text-align: center;"> <span style="margin-right: 100px;">30</span> <span style="margin-right: 100px;">50</span> <span>80</span> </p>
<p><b>Color Temp</b></p>	<p>Select the color temperature setting.</p> <ul style="list-style-type: none"> <li>• 6500K: Maintains normal white coloring.</li> <li>• 7500K: A higher, cooler color temperature than 6500K.</li> <li>• 9300K: The highest color temperature; makes the image appear the most bluish-white.</li> <li>• User Color: Adjust red, green, and blue values as desired.</li> </ul>
<p><b>Tint</b></p>	<p>The higher the value, the more greenish the picture becomes. The lower the value, the more reddish the picture becomes.</p>
<p><b>Saturation</b></p>	<p>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.</p>
<p><b>Sharpness</b></p>	<p>A high value results in a sharper picture; a low value softens the picture.</p>
<p><b>Gamma</b></p>	<p>Reflects the relationship between input source and picture brightness.</p>

Menu	Description
<p><b>Color Management</b></p>	<p>Only in permanent installations with controlled lighting levels such as: boardrooms, lecture halls, or home theaters should <b>Color Management</b> be considered.</p>  <p><b>Color Management</b> provides fine color control adjustment to allow for more accurate color reproduction, should you require it.</p> <p>If you have purchased a test disc, which contains various color test patterns and can be used to test the color presentation on monitors, TVs, projectors, etc., you can project any image from the disc on the screen and enter the <b>Color Management</b> menu to make adjustments.</p>
<p><b>Reset Current Color Settings</b></p>	<p>Return current color settings to their default values.</p>

## Advanced Setting Menu

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

To access the **Advanced Setting** menu:

1. Press **Setting** on the remote control.
2. Use the **Right** button on the remote control to select **Advanced Setting**.



3. Then use the **Up/Down** buttons on the remote control to select the sub-menu(s).
4. Use the **Left/Right** buttons on the remote control to enter the sub-menu(s) and/or adjust the settings.
5. Press the **Return** button on the remote control to go to the previous menu or exit.

Menu	Description
<p style="text-align: center;"><b>Aspect Ratio</b></p>	<p>The <b>Aspect Ratio</b> 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.</p> <p><b>NOTE:</b> Only supports HDMI/USB-C signal input.</p> <p><u>Auto</u></p> <p>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.</p> <p><u>4:3</u></p> <p>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.</p> <p><u>16:9</u></p> <p>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.</p> <p><u>16:10</u></p> <p>Scales an image so that it is displayed in the center of the screen with a 16:10 aspect ratio. This is most suitable for images which are already in a 16:10 aspect.</p>
<p style="text-align: center;"><b>Zoom</b></p>	<p>Adjust the level of zoom.</p>
<p style="text-align: center;"><b>Light Source Level</b></p>	<p>Select the suitable power consumption of the LED.</p>

Menu	Description
<p><b>HDMI Setting</b></p>	<p><u>Range</u></p> <p>Select a suitable color range according to the color range setting of the connected output device.</p> <ul style="list-style-type: none"> <li>• Auto: Sets the projector to detect the range of the input signal automatically.</li> <li>• Full: Sets the color range from 0~255.</li> <li>• Limited: Sets the color range from 15~235.</li> </ul>
<p><b>3D Sync</b></p>	<p>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.</p> <p><u>3D Format</u></p> <ul style="list-style-type: none"> <li>• Auto</li> <li>• Disable</li> <li>• Frame Sequential</li> <li>• Frame Packing</li> <li>• Top-Bottom</li> <li>• Side-by-Side</li> </ul> <p><u>3D Sync Invert</u></p> <p>Allows for correction if the 3D image depth is inverted.</p>



Menu	Description
<p><b>Harman Kardon</b></p>	<p><u>Audio Mode</u></p> <ul style="list-style-type: none"> <li>• Movie: Default audio mode.</li> <li>• Music: Ideal for music playback.</li> <li>• User: Allows the user to customize the audio equalizer.</li> </ul> <p><b>NOTE:</b> In User mode, 100Hz, 500Hz, 1500Hz, 5000Hz, and 10000Hz can be selected.</p> <p><u>Audio Volume</u></p> <p>Adjust the volume from 0 to 50.</p> <p><u>Mute</u></p> <p>Mute or unmute the volume.</p>
<p><b>Information</b></p>	<p>Shows the input source, resolution, and 3D format.</p>

# Appendix

## Specifications

Item	Category	Specifications
Projector	Type	0.23" 1080p - Full HD, LED
	Display Size	40"~110"
	Throw Distance	0.98-2.87 m (80"@2.06 m)
	Lens	F=1.7, f=6.35 mm
	Optical Zoom	Fixed
	Light Source Type	RGB LED
	Light Source	30,000 hours
	Display Color	1.07 Billion Colors
	Keystone	Vertical: -/+ 40°; Horizontal: -/+ 40°
Input Signal	HDMI	$f_h$ : 30K~97 kHz, $f_v$ : 24~85 Hz,
Resolution	Native	1920 x 1080
	Support	VGA (640 x 480) to Full HD (1920 x 1080)
Local Storage	Total	16 GB
	Available	10 GB

<b>Input</b>	HDMI	1 (HDMI 1.4, HDCP 1.4)	
	SD Card	Micro SD (Supports up to 256 GB, SDXC)	
	USB Type C	1 (5V/2A)	
	USB Type A	1 USB 2.0 Reader	
	Wi-Fi input	1 (5G, 802.11 a/b/g/n)	
	Audio In (3.5 mm)	1	
	Bluetooth input	1 (BT 4.2/Audio In)	
<b>Output</b>	Audio Out (3.5 mm)	1	
	Bluetooth output	1 (BT 4.2/Audio Out)	
	Speaker	8W Cube x 2 (Tweeter + Woofer) x 2	
	USB Type A (Power)	1 (USB 2.0, 5V/2A, share with reader)	
<b>Power Adapter</b>	Input Voltage	DC IN 100–240V, 50/60 Hz (auto switch)	
<b>Operating Conditions</b>	Temperature	0°C to 40°C (32°F to 104°F)	
	Humidity	0% to 90% (non-condensing)	
<b>Dimensions</b>	Physical (W x H x D)	276 x 165 x 157 mm (10.87" x 6.50" x 6.18")	Default setup
		276 x 165 x 171 mm (10.87" x 6.50" x 6.73")	With cone-shaped feet
<b>Weight</b>	Physical	2.8 kg (6.17 lbs)	
<b>Power Consumption</b>	On	90W (Typical)	
	Off	< 0.5W (Standby)	

# Timing Chart

## HDMI Video Timing

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

## HDMI PC

Resolution	Refresh Rate (Hz)	Horizontal Frequency (kHz)	Dot Clock Frequency (MHz)
<b>640 x 480</b>	59.94	31.469	25.175
	72.809	37.861	31.5
	75	37.5	31.5
	85.008	43.269	36
<b>720 x 400</b>	70.087	31.469	28.3221
<b>800 x 600</b>	60.317	37.879	40
	72.188	48.077	50
	75	46.875	49.5
	85.061	53.674	56.25
	119.854	77.425	83
<b>1024 x 576</b>	60	35.82	46.966
<b>1024 x 600</b>	64.995	41.467	51.419
<b>1024 x 768</b>	60.004	48.363	65
	70.069	56.476	75
	75.029	60.023	78.75
	84.997	68.667	94.5
	119.989	97.441	115.5
<b>1152 x 864</b>	75	67.5	108
<b>1280 x 720</b>	60	45	74.25

Resolution	Refresh Rate (Hz)	Horizontal Frequency (kHz)	Dot Clock Frequency (MHz)
1280 x 768	59.87	47.776	79.5
1280 x 800	59.81	49.702	83.5
	74.934	62.795	106.5
	84.88	71.554	122.5
1280 x 960	60	60	108
	85.002	85.938	148.5
1280 x 1024	60.02	63.981	108
	75.025	79.976	135
	85.024	91.146	157.5
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
1600 x 1200	60	75	162
1680 x 1050	59.954	65.29	146.25
1920 x 1080 (VESA)	60	67.5	148.5
640 x 480 @ 67Hz	66.667	35	30.24
832 x 624 @ 75Hz	74.546	49.722	57.28
1024 x 768 @ 75Hz	75.02	60.241	80
1152 x 870 @ 75Hz	75.06	68.68	100

## USB C Timing

Resolution	Refresh Rate (Hz)	Horizontal Frequency (kHz)	Dot Clock Frequency (MHz)
480i	59.94	15.73	27
480p	59.94	31.47	27
576i	50	15.63	27
576p	50	31.25	27
720/50p	50	37.5	74.25
720/60p	60	45	74.25
1080/50i	50	28.13	74.25
1080/60i	60	33.75	74.25
1080/24p	24	27	74.25
1080/50p	50	56.25	148.5
1080/60p	60	67.5	148.5

# Troubleshooting

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

Problem or Issue	Possible Solutions
<b>The projector does not turn on</b>	<ul style="list-style-type: none"><li>• Ensure the power cord is properly attached to the projector and to the power outlet.</li><li>• If the cooling process has not completed, please wait until it has finished then try to turn on the projector again.</li><li>• If the above does not work, try another power outlet or another electrical device with the same power outlet.</li></ul>
<b>There is no picture</b>	<ul style="list-style-type: none"><li>• Ensure the video source cable is connected properly, and that the video source is turned on.</li><li>• If the input source is not selected automatically, select the correct source with the Source key on either the projector or the remote control.</li></ul>
<b>The image is blurred</b>	<ul style="list-style-type: none"><li>• Improve the clarity of the image by pressing the <b>Focus</b> button on the remote control, then using the Left and Right buttons to adjust. Additionally, you can use the <b>Focus Adjustment Slider</b> to clarify the image.</li><li>• Ensure the projector and screen are aligned properly. If necessary, adjust the height of the projector as well as the projection angle and direction.</li></ul>
<b>The remote control does not work</b>	<ul style="list-style-type: none"><li>• Ensure there are no obstacles between the remote control and projector; and that they are within 8 m (26 ft) of each other.</li><li>• The batteries may be out of power, please check and replace if necessary.</li></ul>
<b>The projector/system is frozen and will not respond</b>	<ul style="list-style-type: none"><li>• Turn off the projector using the <b>Power Toggle</b> switch on the rear I/O.</li></ul>



## LED Indicators

Location	Light	Status and Description
<b>LED Indicator</b>	Green (blink: 2 seconds dark, 1 second bright)	System boot process.
	Green	Finish the boot process; system is on. Mirror is open.
	Blue	Finish the boot process; system is on. Mirror is closed.
	Dark	System is off.
<b>Battery</b>	White	DC in: LED will be lit from left to right and loop repeatedly until the battery is full. Battery: LED will be lit from left to right and stop at the battery percentage left.
<b>Bluetooth</b>	White	Launch the Bluetooth setting page and turn on system Bluetooth.
	White (blink 1 min)	Bluetooth pairing mode.
	Dark	Turn off Bluetooth.
<b>AUX</b>	White	Play the source's sound.
	Dark	Disconnect from the sound's source.
<b>Mute</b>	White	Turn mute on.
	Dark	Turn mute off.

# 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 Customer Support 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.

## 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

- It is 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.
- NOMVDIC™ will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

# Regulatory and Service Information

## Compliance Information

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

### FCC Compliance Statement

This device complies with part 15 of FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

### **FCC Radiation Exposure Statement**

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

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

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

### **Industry Canada Statement**

CAN ICES-003(B) / NMB-003(B)

### **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, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### **Country Code Statement**

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

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

## IC Radiation Exposure Statement

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

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

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

La bande 5150-5250 MHz est réservée 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



The device complies with the EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, Ecodesign Directive 2009/125/EC and Radio Equipment Directive 2014/53/EU. Frequency Range : 2400-2483.5MHz, 5150-5250MHz  
Max Output Power : under 20dBm

### The following information is only for EU-member states:

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

If the batteries, accumulators and button cells included with this equipment display the chemical symbol Hg, Cd, or Pb, then it means that the battery has a heavy metal content of more than 0.0005% Mercury, or more than 0.002% Cadmium, or more than 0.004% Lead.



## 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 (Cr <sup>6+</sup> )	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:**

- 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.
- Lead in dielectric ceramic in capacitors for a rated voltage of 125V AC or 250V DC or higher.

## 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.

## Copyright Information

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NOMVDIC™ is a trademark of NOMVDIC Corporation with trademark applications in the US and certain other countries.

**Disclaimer:** Third-party applications or application stores showed herein are for demonstration purposes only, and their respective logos, trademarks are owned by their respective owners, who neither sponsor our products nor are affiliated with our company.



## Customer Service

For technical support or product service, please contact us at: <https://nomvdic.io/pages/contact> or send an email to: [hello@nomvdic.io](mailto:hello@nomvdic.io).

To register the warranty for your NOMVDIC™ products, please visit <https://nomvdic.io/pages/warranty>.

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

# Limited Warranty

## What does the warranty cover?

NOMVDIC™ warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, NOMVDIC™ will, at its sole option, repair or replace the product with a similar product. Replacement Products or parts may include remanufactured or refurbished parts or components. The replacement unit will be covered by the balance of the time remaining on the customer's original limited warranty. NOMVDIC™ provides no warranty for any third-party software whether included with the product or installed by the customer, installation of any unauthorized hardware parts or components. (Please refer to: "What the warranty does not cover" section)

## How long is the warranty effective?

NOMVDIC™ Projector

1-year Limited Warranty

Remote Control

6-month Limited Warranty

AC Adapter

6-month Limited Warranty

## Who does the warranty protect?

This warranty is valid only for the first consumer purchaser.

## What does the warranty NOT cover?

1. This warranty excludes normal depletion of consumable parts such as batteries, power cord, 3.5 mm audio cable, and USB-C cable unless failure has occurred due to a defect in materials or workmanship and, damage resulting from abuse, accident, modifications, unauthorized repairs or other causes that are not defects in materials and workmanship.
2. Any product on which the serial number has been defaced, modified, or removed.

### 3. 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.
- » Repair or attempted repair by anyone not authorized by NOMVDIC™.
- » Damage to or loss of any programs, data or removable storage media.
- » Any damage of the product due to shipment.
- » Causes external to the product, such as electric power fluctuations or failure.
- » Normal wear and tear.
- » Failure of owner to perform periodic product maintenance as stated in User Guide, such as cleaning of user-cleanable projector filters.
- » Any other cause which does not relate to a product defect.
- » Hardware/Accessories/Parts/Components - Installation of any unauthorized hardware, accessories or components.
- » Damage to, or abuse of, the coating on the surface of the display through inappropriate cleaning as described in product User Guide.

### **How to get service?**

For information on obtaining warranty service, please contact [hello@nomvdic.io](mailto:hello@nomvdic.io). Please be prepared to provide the below information when obtaining service:

- The serial number of the product
- A copy of the dated sales slip
- Your name
- Email address
- Phone number
- Your shipping address
- A description of the problem you are experiencing

NOMVDIC™ is not responsible for any damages in transit by your shipper.

Insurance of the returning product is recommended should you experience any transportation claim from the carrier you select.



NOMVDIC™