



Z1H

User Manual

説明書

사용 설명서

用戶手冊

คู่มือการใช้

Bedienungsanleitung

Manuel d'utilisation

Руководство пользователя

Manual de usuario

Manuale Utente

TABLE OF CONTENTS

Important Safety Information.....	5
Symbols Used	5
General Safety Information	6
Z1H Installation Notice	6
Power Supply Safety	7
Cleaning Qumi	7
Control Warning	7
Regulatory Compliance	8
FCC Warning.....	8
Canada	8
Safety Certifications.....	8
Disposal and Recycling	8
Introduction	9
About this Manual.....	9
Z1H Main Features.....	9
Package Contents.....	10
Your Projector.....	11
Front-Left View	11
Rear View.....	11
Top View.....	12
Bottom View	13
Remote Control	14
Remote Control Keypad	14
Activating the Remote Control Battery.....	15
Replacing the Remote Control Battery	15
Powering/Charging the Projector.....	16
Powering On/Off the Projector	17

Making Connections.....	19
Connecting to a Wi-Fi Network	20
Using the Projector	23
Adjusting the Focus	23
Playing Media Files from a Storage Device (USB Flash Drive, microSD Card)	24
Screencasting with a Mobile Device.....	28
Playing from a Video Source (HDMI)	29
Playing from a Video Source (Type-C / DisplayPort).....	30
Viewing Documents from a Storage Device (USB Flash Drive, microSD Card)	31
Bluetooth® Connections	33
Using the Bluetooth® Speaker.....	33
Connecting the Projector to Bluetooth Devices	35
The Home Screen	37
Customizing the App Shortcuts on the Home Screen	38
Customizing the Category Menus.....	39
Using the Settings Menus	40
The Projector Settings Menu	40
The System Settings Menu	42
Device Settings	43
Preferences	44
Remote & Accessories Settings	44
Personal Settings	45
Troubleshooting/FAQ	46

Tips	46
System Reset Method (Reboot)	46
Image Problems	47
Remote Control Problems	47
Audio Problems	47
FAQs	48
Vivitek Support Site	49
Additional Information	50
Projection Distance vs Projection Size	50
Timing Mode Table	51
Specifications	52

IMPORTANT SAFETY INFORMATION



IMPORTANT:

It is strongly recommended that you read this section carefully before using Z1H. These safety and usage instructions will make sure you enjoy many years of safe use of Z1H. Keep this manual for future reference.

Symbols Used

Warning symbols are used on the unit and in this manual to alert you of hazardous situations. The following symbols are used to call attention to important information.



NOTE:

Provides additional information on the topic at hand.



IMPORTANT:

Provides additional information that should not be overlooked.



CAUTION:

Alerts you to situations that may damage the unit.



WARNING:

Alerts you to situations that may damage the unit, create a hazardous environment, or cause personal injury.

Throughout this manual, component parts and items in the OSD (On-Screen Display) menus are denoted in bold font as in this example:

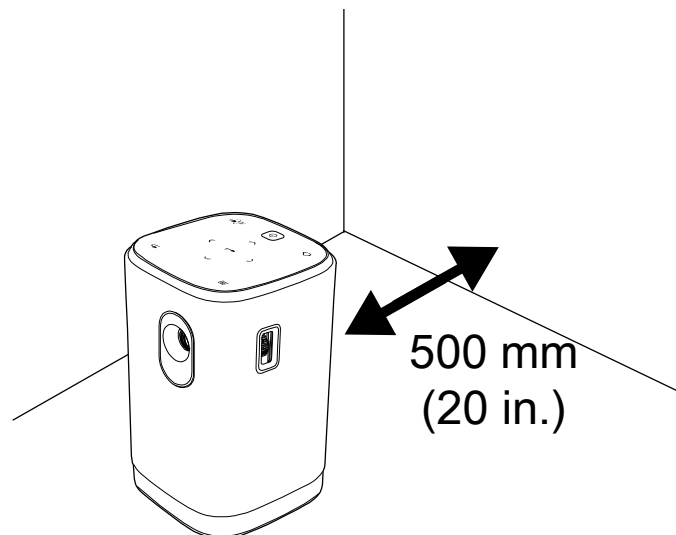
"Press the **Menu** button on top of the projector or remote control to open the **Settings** menu".

General Safety Information

- Do not open the casing. There are no user-maintainable parts inside the machine. For any maintenance, please contact a qualified service technician.
- Follow all warnings and precautions on the machine or in this Manual.
- According to its design, the projection light source is extremely bright. To avoid harm to your eyes, do not look straight at the lens when the LED is ON.
- Do not place the machine on unstable surface or stand.
- Avoid using the system near water, in direct sunlight, or near a heating device.
- Do not place any heavy objects (e.g., books or bags) on the unit.

Z1H Installation Notice

- Allow at least a 500mm (20") clearance around the exhaust vent.



- Make sure that the intake vents do not recycle hot air from the exhaust vent.
- When operating Z1H in an enclosed space, make sure that the surrounding air temperature within the enclosure does not exceed the operating temperature while Z1H is running, and the air intake and exhaust vents are unobstructed.
- All enclosures should pass a certified thermal evaluation to make sure that Z1H does not recycle exhaust air, as this may cause the device to shut down even if the enclosure temperature is within the acceptable operating temperature range.



CAUTION:

Avoid usage of Z1H in dusty environments.

Power Supply Safety

- Only use the supplied adapter.
- Do not place anything on the cord. Place the cord where it will not be in the way of foot traffic.
- Remove the battery from the remote control when storing or not in use for a prolonged period.

Cleaning Qumi

- Before cleaning, disconnect the power supply cables. Refer to **Powering On/Off the Projector** on page **17**.



NOTE:

Qumi Z1H will be warm after usage. Allow Z1H to cool down before storing away.

Control Warning

Before installing and using Z1H, read the regulatory notices in the **Regulatory Compliance** on page **8**.

REGULATORY COMPLIANCE

FCC Warning

This device complies with part 15 of the 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 generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

Any Changes or modifications not expressly approved by the parties responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC 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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: 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.

Canada

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

Safety Certifications

Projector: CENB, REACH, ROHS, WEEE, FCCID, TUV NORTH AMERICA, SRRC, CB, BQB
Power Adapter: DOE, WEEE, FCC, UL, EAC, TUV-GS, CB, PSB, TUV-S, EAC, KCC, CCC, CECP, BIS, BSMI, ISC

Disposal and Recycling

This product may contain other electronic waste that can be hazardous if not disposed of properly. Recycle or dispose in accordance with local, state, or federal Laws. For more information, contact the Electronic Industries Alliance at www.eiae.org.



DISPOSAL:

Do not use household or municipal waste collection services for disposal of electrical and electronic equipment. EU countries require the use of separate recycling collection services.

INTRODUCTION

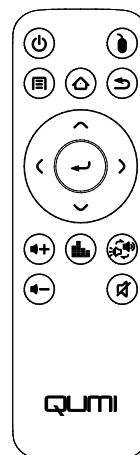
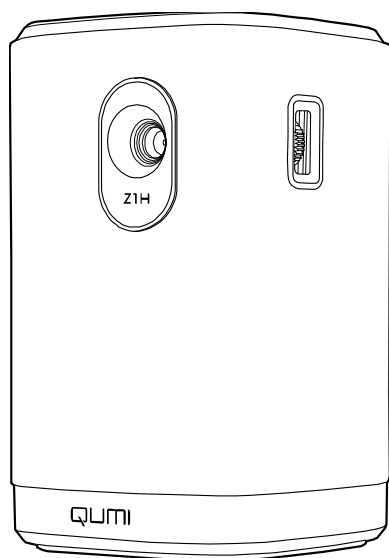
About this Manual

This manual is intended for end users and describes how to install and operate Z1H. Wherever possible, relevant information—such as an illustration and its description—has been kept on one page. This printer-friendly format is both for your convenience and to help save paper, thereby protecting the environment. It is suggested that you only print sections that are relevant to your needs.

Z1H Main Features

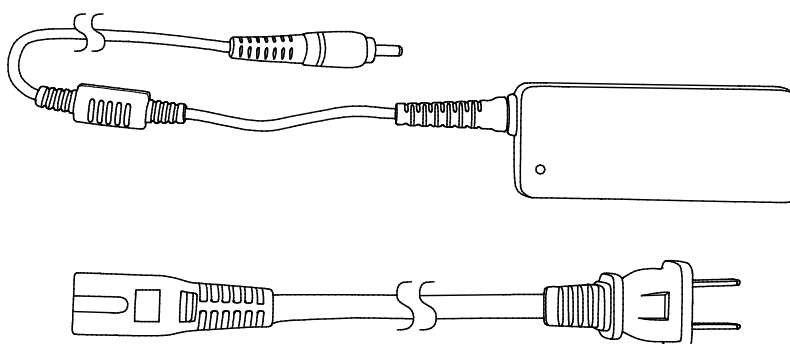
- Native HD720p resolution with a maximum resolution of 1080p (1920 x 1080).
- Texas Instruments DLP® chip technology for long-lasting precise color, image quality and low power consumptions.
- Long-life energy efficient LED light source with up to an estimated 30,000 hours of operation.
- Enjoy a large widescreen image up to 2.6m (102.4”) diagonally for one or a group.
- Advanced Quad-Core CPU with an ultra-fast Android™ operating system.
- Customized dual 5-watt speakers pump out crisp, clear, and dynamic sound for an incredible theatre-quality audio experience.
- Bluetooth® enabled for wireless free connection to a keyboard, mouse, headphone or other device.
- Standalone Bluetooth® speaker for convenient audio playback from a smartphone, tablet or other BT enabled audio device.
- Assortment of connectivity options including HDMI, USB, microSD and earphone audio-out.
- PC-free playback of photos, videos, audio, and office files with the integrated player.
- Up to 2 hours of continuous on-the-go with the built-in battery.
- Dual infrared sensors for handy remote control from either in front or behind.
- Lightweight friendly profile for easy movement and transportation.
- Tripod port for convenient projector setup and positioning.

PACKAGE CONTENTS

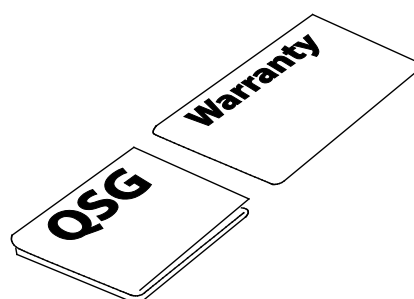
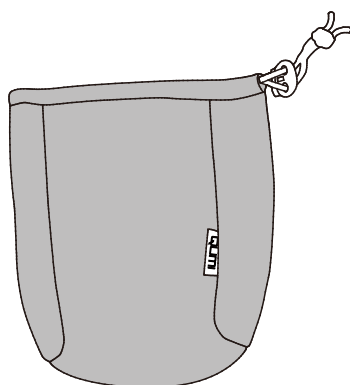


Qumi Z1H

Remote Control



Adapter

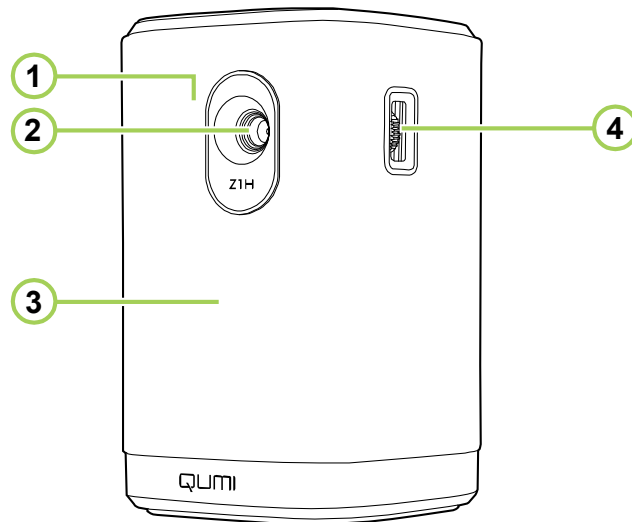


Carry Bag

Documentation

YOUR PROJECTOR

Front-Left View



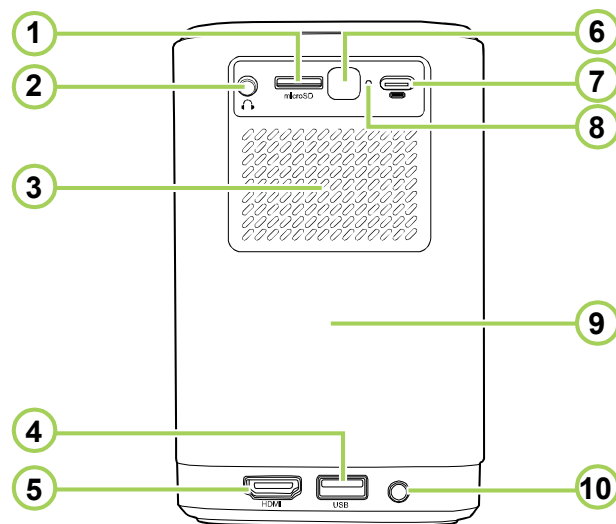
1 Front IR Sensor

2 Lens

3 Front Speaker

4 Focus Dial

Rear View



1 microSD slot

2 Audio Out (3.5mm) Jack

3 Air Vent

4 Type-A USB Port

5 HDMI Port

6 Rear IR Sensor

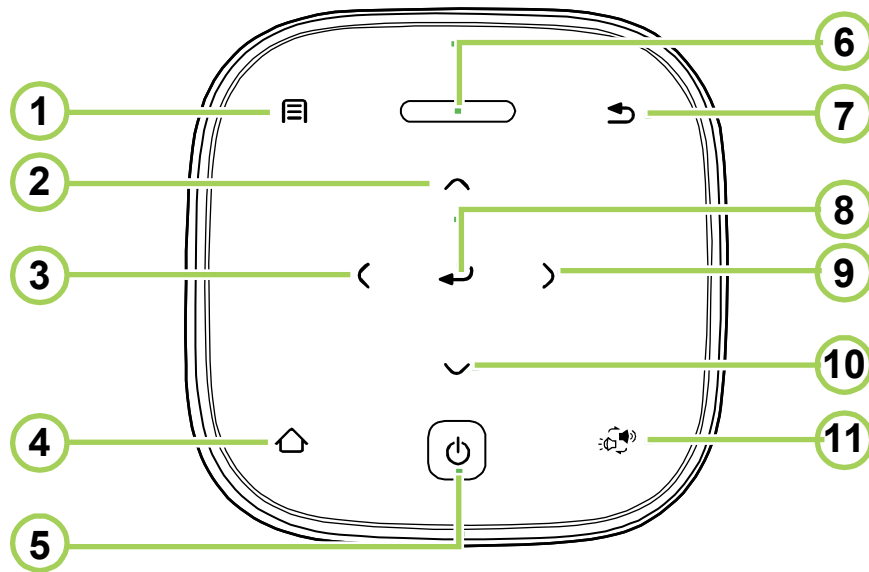
7 Type-C DisplayPort

8 Reset Button

9 Rear Speaker

10 DC In Port

Top View



1 Menu Button

2 Up Button

3 Left Button

4 Home Button

5 Power Button

6 LED Status Indicator

7 Exit Button

8 Enter Button

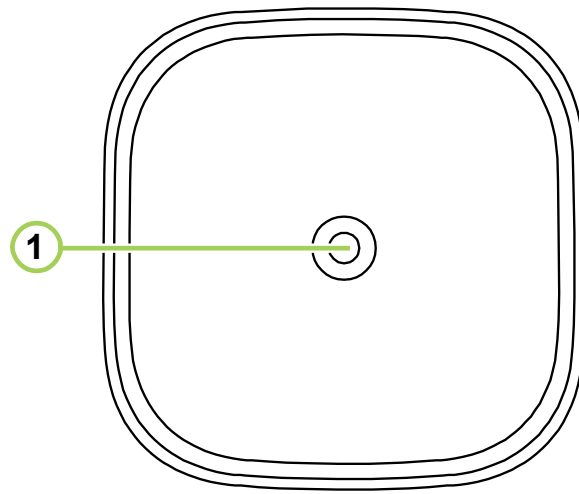
9 Right Button

10 Down Button

11 Bluetooth® Speaker Mode Button

Projector Status	LED Behavior and Definition	
	Adapter Disconnected	Adapter Connected
Powered Off	Off	Red: Charging
		Green: Fully Charged
Projector Mode	Blinking Red: Low Battery	Red: Charging
	Green: Projecting	Green: Projecting With Battery Fully Charged
Bluetooth Speaker Mode	Solid Red: Low Battery	Blinking Blue: Waiting to Pair*
	Blinking Blue: Waiting to Pair*	Breathing Blue: Pairing Failed*
	Breathing Blue: Pairing Failed*	Solid Blue: Bluetooth Connected
	Solid Blue: Bluetooth Connected	
*If Bluetooth pairing has failed, exit Bluetooth speaker mode and then try again.		

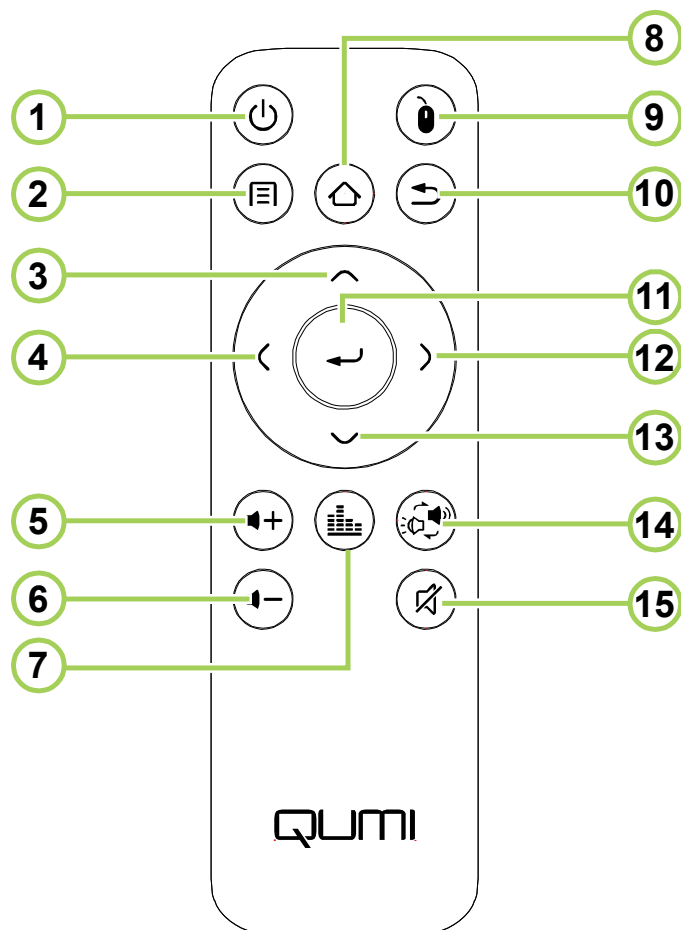
Bottom View



1 Tripod Connector

REMOTE CONTROL

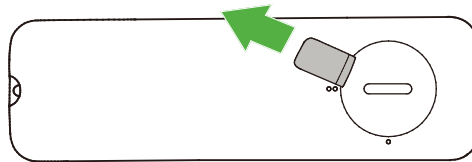
Remote Control Keypad



1	Power ON/OFF	6	Volume -	11	Enter
2	Menu	7	Audio Mode	12	Right
3	Up	8	Home	13	Down
4	Left	9	Mouse	14	Bluetooth® Speaker Mode
5	Volume +	10	Exit	15	Mute

Activating the Remote Control Battery

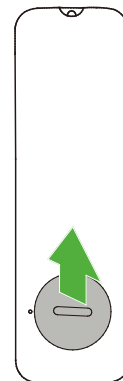
When using the remote control for the first time, the plastic sticker covering the battery must be removed. To remove the plastic sticker, pull the tab at the bottom side of the remote control to remove the plastic sticker from the battery compartment.



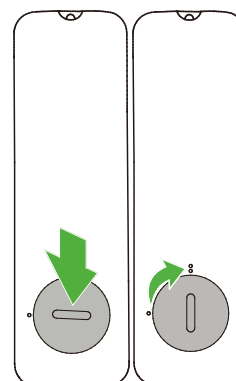
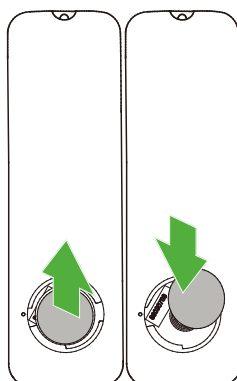
Replacing the Remote Control Battery

To replace the remote control battery:

1. Rotate the battery compartment cover counter-clockwise so the line on the cover points to the single dot on the remote control.
2. Remove the battery compartment cover.



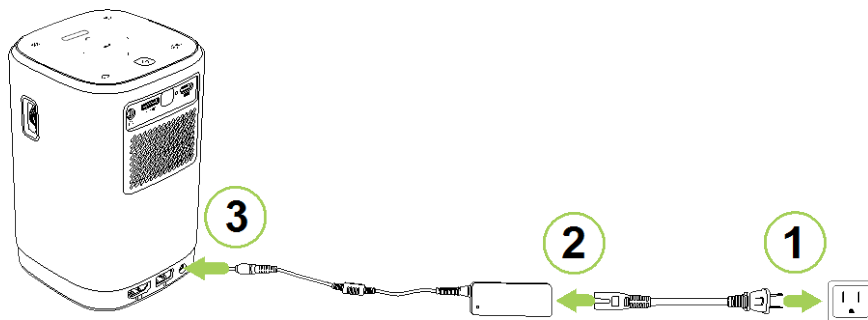
3. Remove the old battery and replace it with the new battery.
4. Place the battery compartment cover back on the battery compartment and rotate the cover clockwise so the line on the cover points to the double alignment dots.



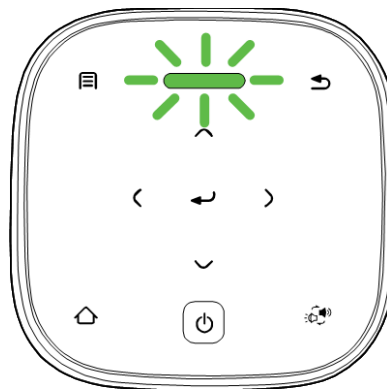
POWERING/CHARGING THE PROJECTOR

To supply power to the Z1H:

1. Connect the power cable to a power socket
2. Connect the power cable to the supplied adapter.
3. Connect the adapter cable to the DC In port on the projector.



4. Once the adapter and power cable are connected to the projector, the LED status indicator on the top of the projector will illuminate indicating the charge status (refer to **Top View** on page 12 for more information on LED behavior).



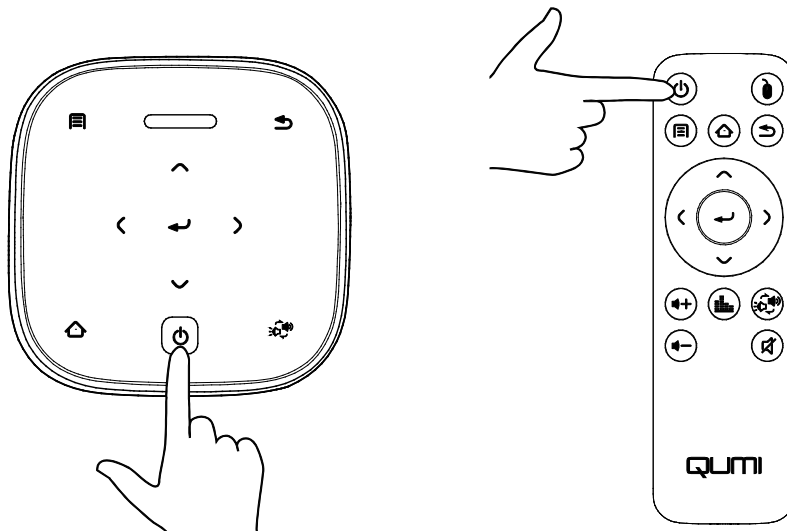
The charging status will also be indicated on the home screen.



Powering On/Off the Projector

To power on the projector:

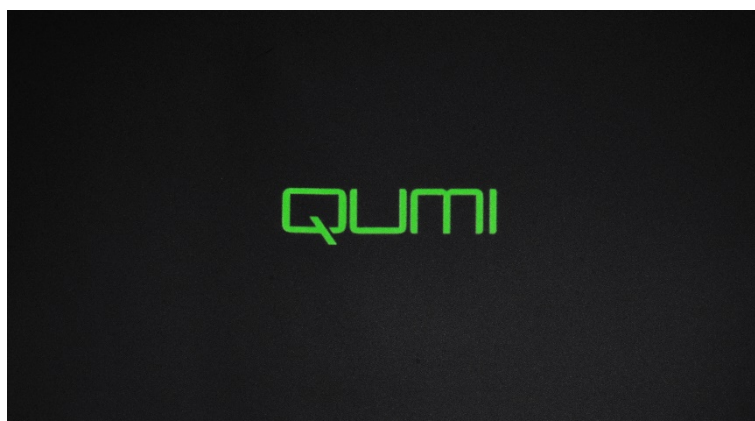
1. Press the power (⏻) button on the top of the projector or the power (⏻) button on the remote control.



IMPORTANT:

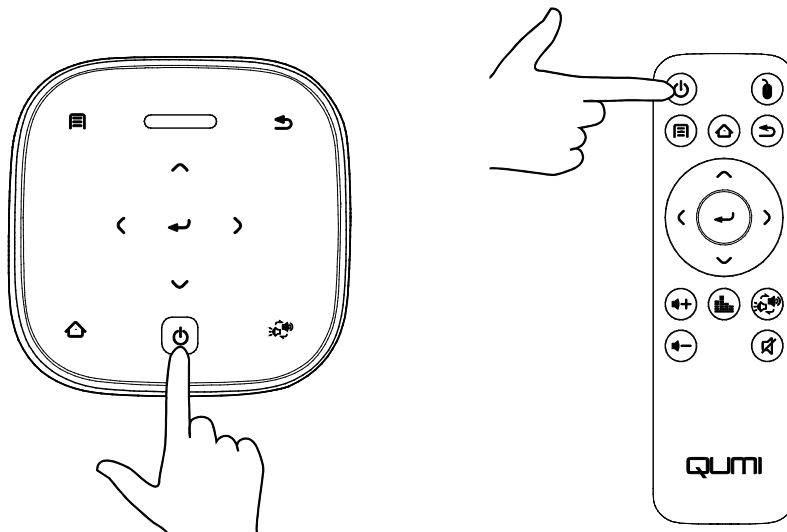
The remote control can only power on the projector when the projector is connected to a power supply.

2. The fans will begin to operate and the Qumi logo will appear on the screen:

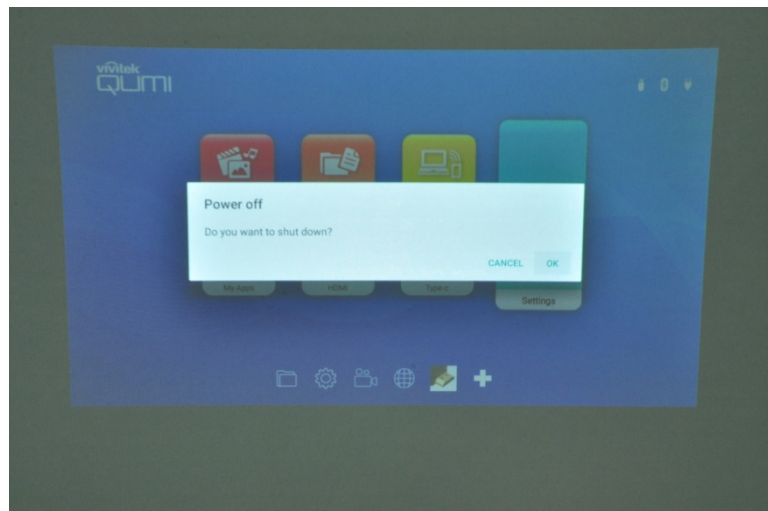


To power off the projector:

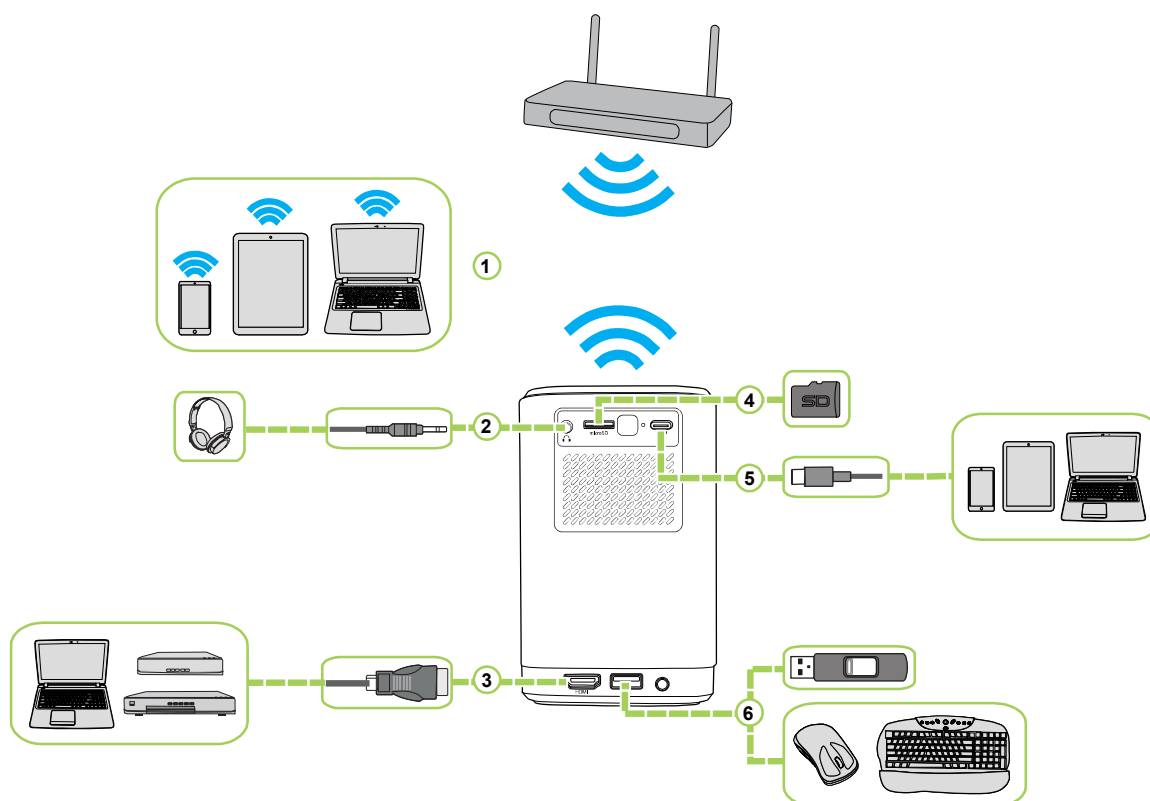
1. Press the power (⏻) button on the top of the projector or the power (⏻) button on the remote control.



2. A message will appear on the projected screen to confirm power off. Select **OK** and press the enter (↵) button.



MAKING CONNECTIONS

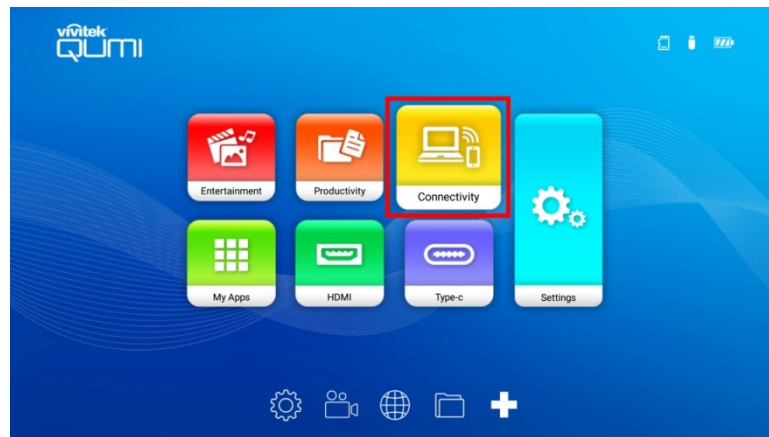


No.	Connection Port / Type	Connection Device	Corresponding Section
1	Wireless Screencasting	Smartphones, Tablets, PCs	Screencasting with a Mobile Device on page 28
2	Audio Out	Headphones	
3	HDMI	Blu-Ray/DVD Players, Set-top Boxes, PCs	Playing from a Video Source (HDMI) on page 29
4	microSD	microSD Card (Media Files)	Playing Media Files from a Storage Device (USB Flash Drive, microSD Card) on page 24
5	Type-C USB (DisplayPort)	Smartphones, Tablets, PCs with DisplayPort functionality	Playing from a Video Source (Type-C / DisplayPort) on page 30
6	USB Type-A	USB Flash Drive (Media Files)	Playing Media Files from a Storage Device (USB Flash Drive, microSD Card) on page 24
		Keyboard, Mouse, USB Hub	

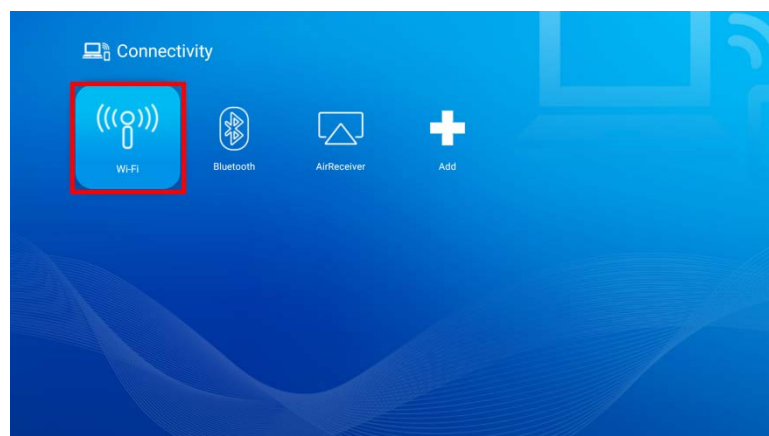
Connecting to a Wi-Fi Network

To connect the projector to a wireless network:

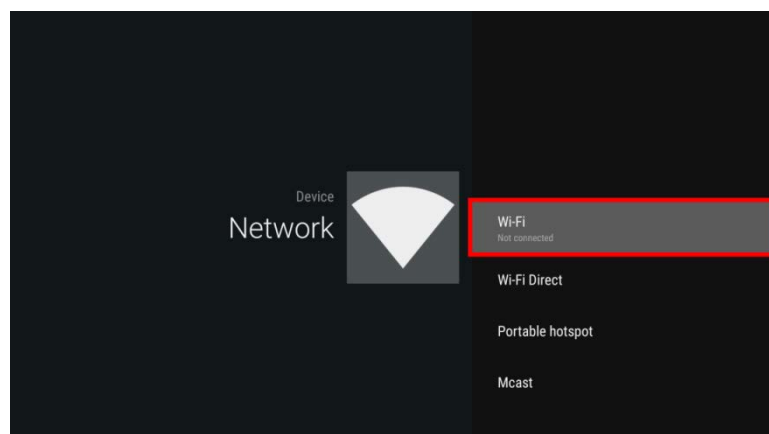
1. Power on the projector. Refer to the **Powering On/Off the Projector** section on page 17.
2. Select the **Connectivity** button on the home screen and press the enter (↵) button.



3. Select the **Wi-Fi** button on the **Connectivity** screen and press the enter (↵) button.



4. Select **Wi-Fi** in the **Network** menu and press the enter (↵) button.



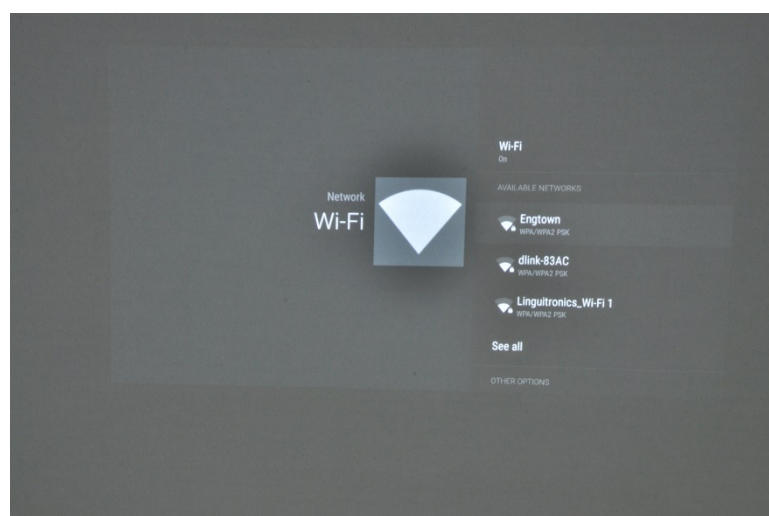
5. Select **Wi-Fi** in the **Wi-Fi** menu and press the enter (↵) button.



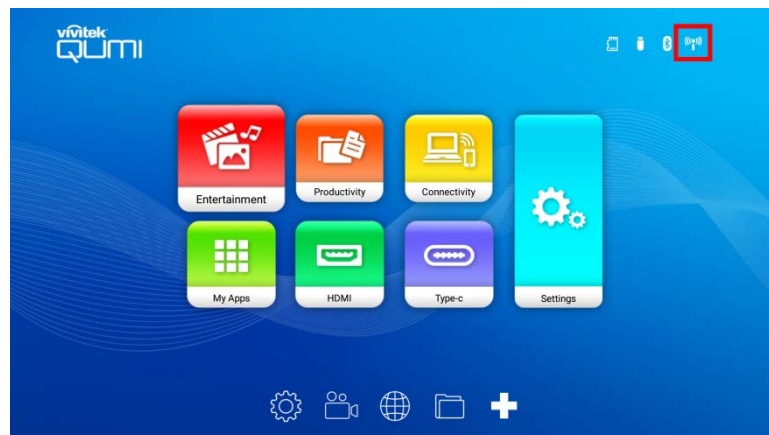
6. Select **On** in the **Wi-Fi** menu and press the enter (↵) button.



7. Select the Wi-Fi network you want to connect to and press the enter (↵) button. If the Wi-Fi network you want to connect to features a password, enter the password when prompted.



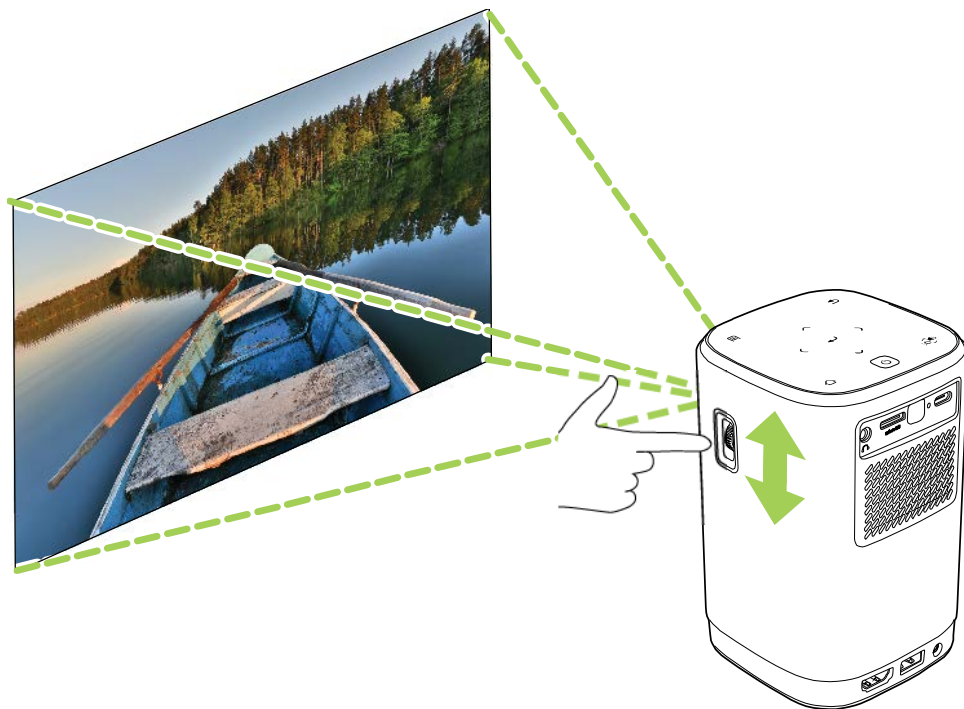
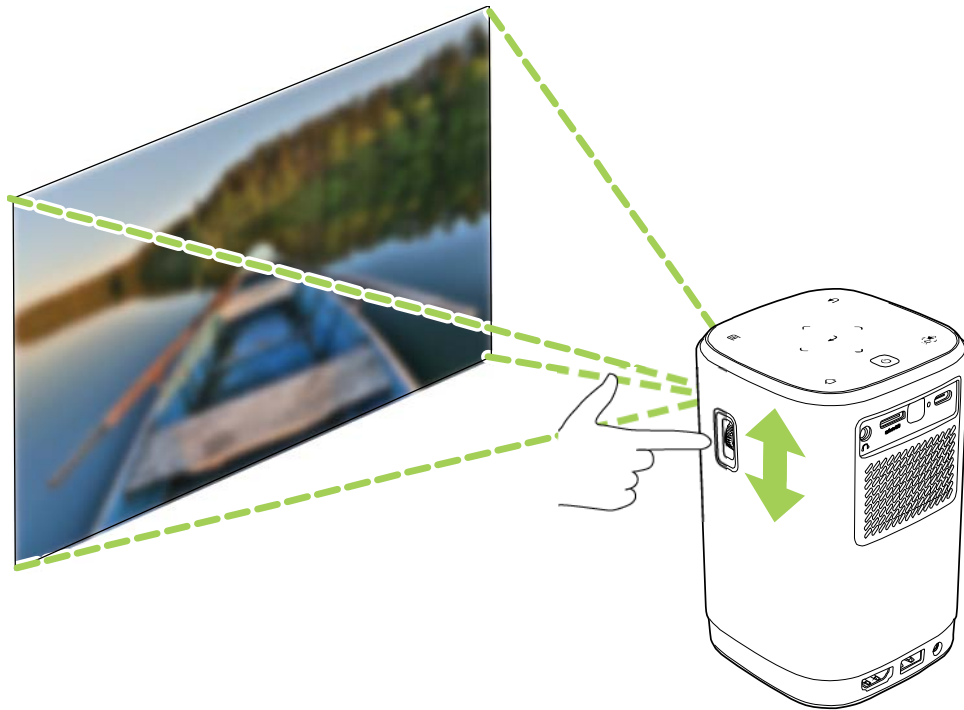
Once you have successfully connected to a Wi-Fi network a Connected status will be listed under the network you have connected to. Press the exit (↩) button to return to the home screen where a Wi-Fi connection icon will appear at the top right corner of the screen.



USING THE PROJECTOR

Adjusting the Focus

To adjust the focus of the projected image, rotate the dial on the side of the projector until correct focus is achieved.



Playing Media Files from a Storage Device (USB Flash Drive, microSD Card)

To play a media file (video, photos, music) from a storage device:

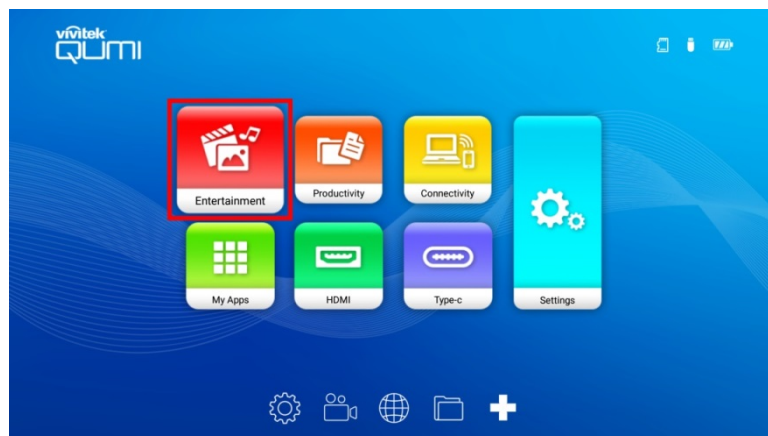
1. Connect the device to the projector. Refer to the **Making Connections** section on page **19**.
2. Power on the projector. Refer to the **Powering On/Off the Projector** section on page **17**.



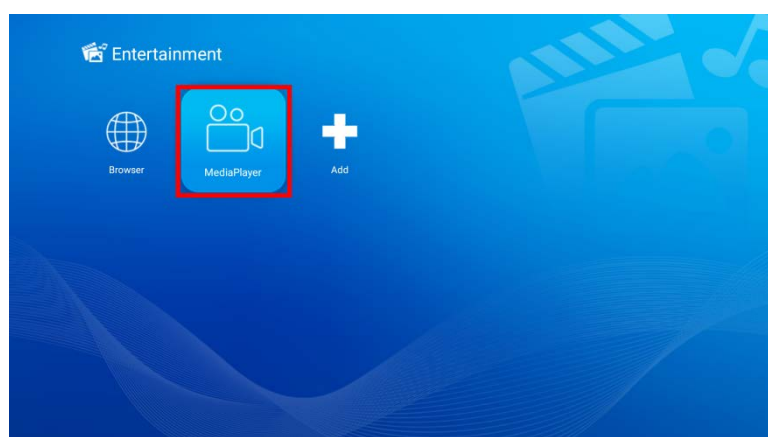
NOTE:

If you are already playing media from a different source press the home (🏠) or exit (⏮) button on the keypad or remote control to return to the home screen.

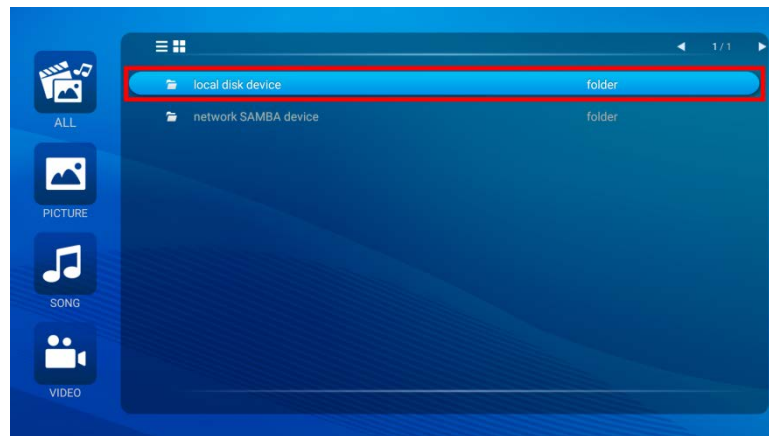
3. Using the keypad or remote control, select **Entertainment** from the home screen and press the enter (↵) button.



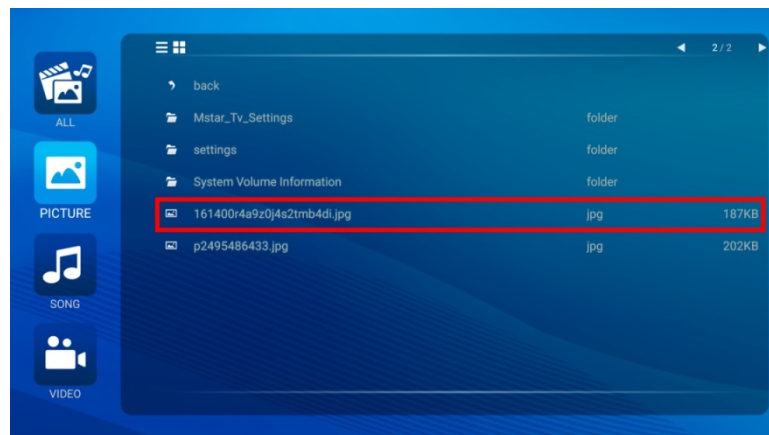
4. Select **Media Player** in the **Entertainment** menu and press the enter (↵) button.



5. Select the storage device with the media file you want to play in the Media Player menu and press the enter (↵) button.



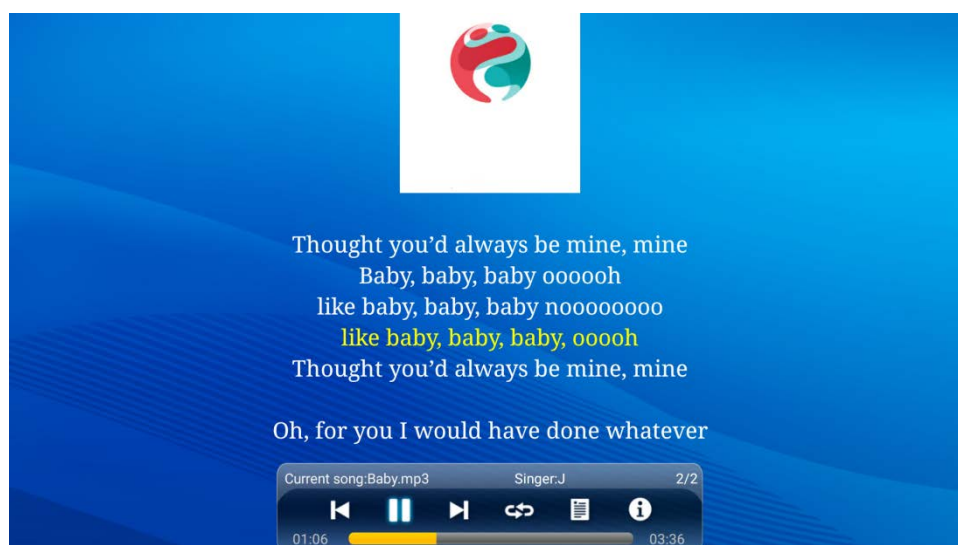
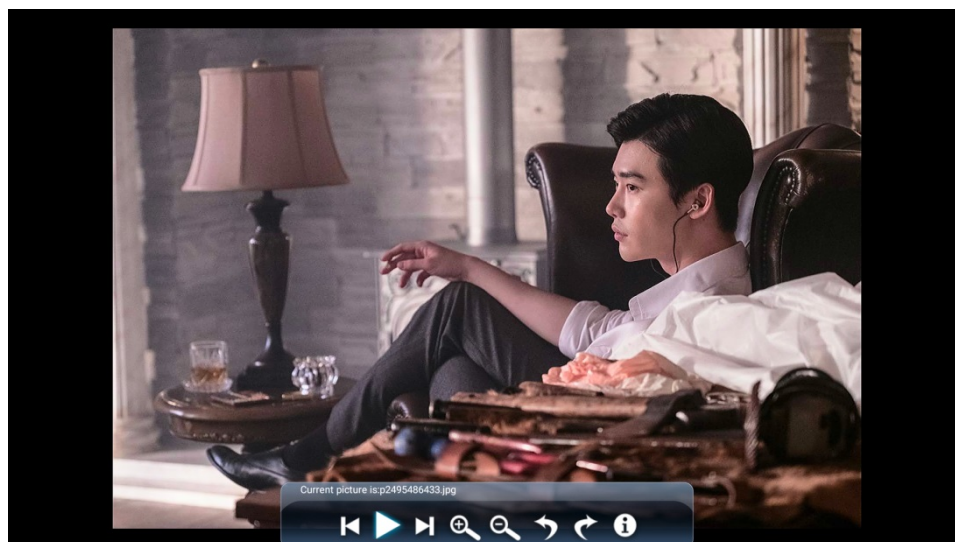
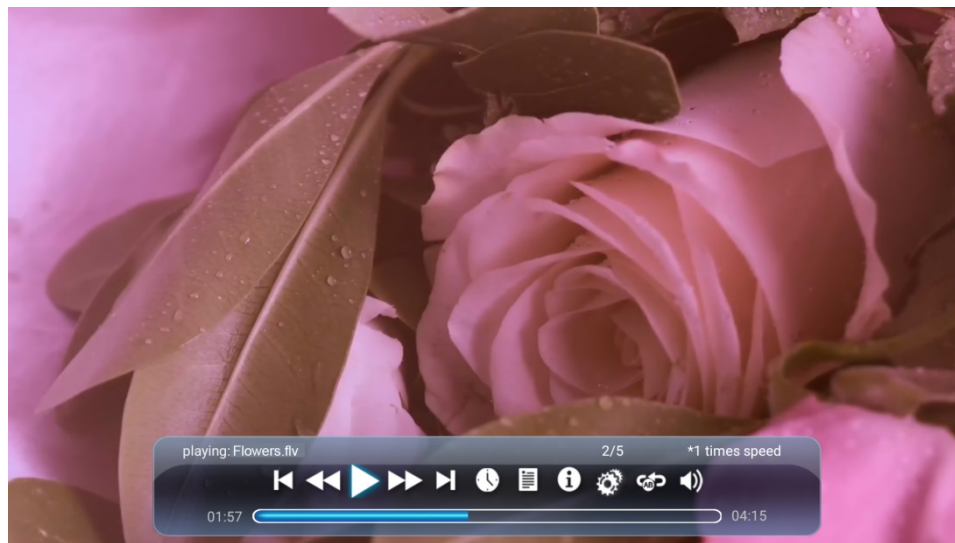
6. Navigate to the file folder where the media file is located in the storage device.
7. Select the media file you want to play and press the enter (↵) button.

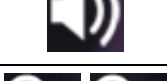


NOTE:

If the file folder contains multiple types of media files you may use the **PICTURE**, **SONG**, or **VIDEO** buttons on the left side of the menu to specify the media files shown by type.

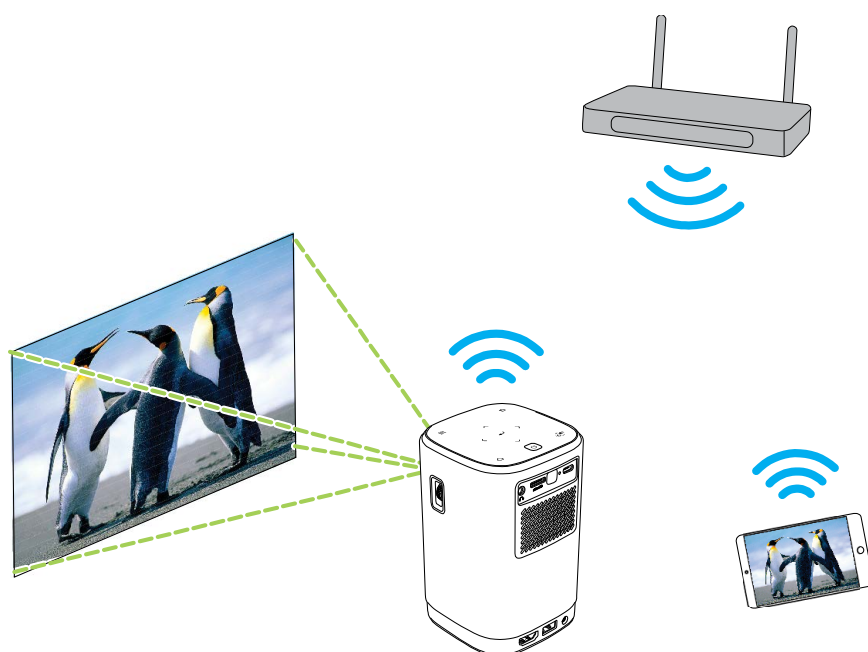
8. The media player will begin playing the media file on the projected screen. The media player's interface and available options will depend on the type of media being played.



Icon	Function	Availability (Player Type)	Description
	Previous	Video, Photo, Music	Select to go to the previous file
	Play / Pause	Video, Photo, Music	Select to pause play; Select again to resume play
	Next	Video, Photo, Music	Select to go to the next file
	Information	Video, Photo, Music	Select to view the file information
	Playlist	Video, Music	Select to view or select another file on the playlist
	Rewind	Video	Select to rewind at 2x, 4x, 8x, 16x, or 32x speed
	Fast Forward	Video	Select to fast forward at 2x, 4x, 8x, 16x, or 32x speed
	Time Marker	Video	Select to jump to a specific time count in the file (format = HH:MM:SS)
	Settings	Video	Select to configure file settings for 3D, subtitle, orientation, and breakpoint settings
	Repeat Section	Video	Select to repeat a certain section in a video
	Volume	Video	Select to adjust the volume
	Zoom In/Out	Photo	Select to zoom in/out on the image
	Rotate Clockwise / Counter-Clockwise	Photo	Select to rotate the image 90° clockwise / counter-clockwise
	Repeat All	Music	Select to play all files in the playlist on a loop
	Repeat One	Music	Select to play the current file on a loop
	Shuffle	Music	Select to randomly play songs on the playlist

Screencasting with a Mobile Device

1. Power on the projector. Refer to the **Powering On/Off the Projector** section on page **17**.
2. Connect the projector to a Wi-Fi network. Refer to the **Connecting to a Wi-Fi Network** section on page **20**.
3. Connect your mobile device to the same Wi-Fi network as the projector.
4. For iOS devices open the AirPlay menu on your mobile device.
For Android devices open the Screencasting menu on your mobile device.
5. Select the projector from the AirPlay/Screencasting menu on your mobile device.
Your mobile device's screen will be displayed on the projector.



NOTE:

Screencasting only works on the iOS devices with AirPlay capabilities, and Android devices with Google Cast capabilities.



NOTE:

In situations where a normal Wi-Fi network is not available (for instance in an outdoors setting) you may use Wi-Fi hotspots to connect devices to your projector wirelessly for screencasting purposes:

For iOS devices activate the device's Wi-Fi hotspot, connect the projector to the device's hotspot via the steps in the **Connecting to a Wi-Fi Network** section on page **20**.

For Android devices activate your projector's Wi-Fi hotspot via the **Connectivity > Wi-Fi > Portable hotspot** menu and then connect the Android device to the projector's Wi-Fi signal.

Playing from a Video Source (HDMI)

To project a video from a device connected to the HDMI port:

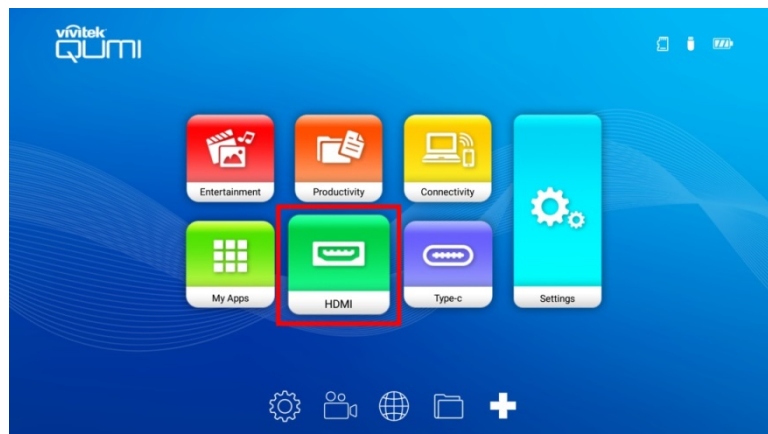
1. Connect the device to the projector. Refer to the **Making Connections** section on page **19**.
2. Power on the projector. Refer to the **Powering On/Off the Projector** section on page **17**.



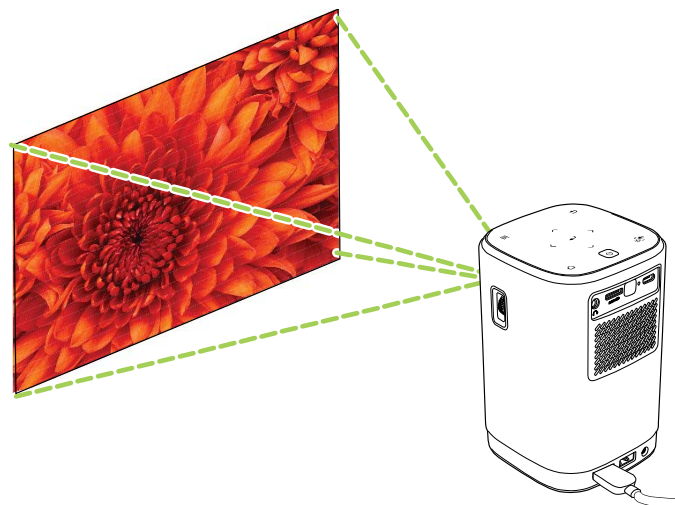
NOTE:

If you are already viewing video or playing music from a different source press the home (🏠) or exit (⏮) button on the keypad or remote control to return to the home screen.

3. Using the keypad or remote control, select **HDMI** from the home screen and press the enter (↵) button.



4. The video will automatically be projected onto the screen.



5. To control the video playback, use the control options directly from the video source. Press the exit (⏮) button on the keypad or remote control to return to the home screen.

**NOTE:**

Press the enter (↵) button on the keypad or remote control to view information on the video source.

Playing from a Video Source (Type-C / DisplayPort)

To project a video from a device connected to the Type-C (DisplayPort) port:

1. Connect the device to the projector. Refer to the **Making Connections** section on page **19**.

**NOTE:**

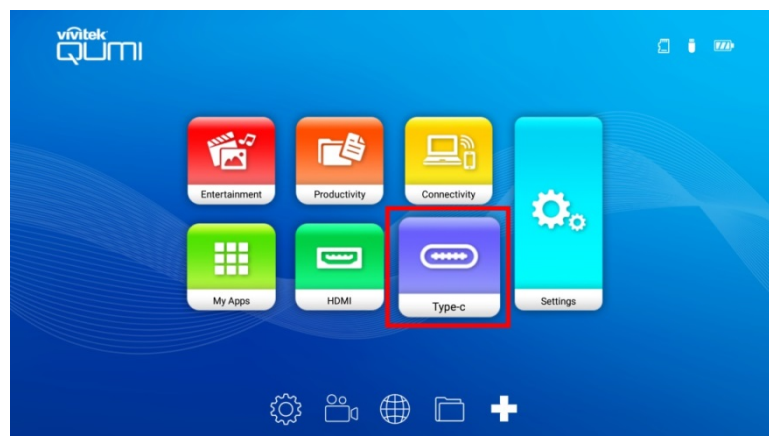
Z1H only supports playing video via the Type-C port from devices with DisplayPort functionality.

2. Power on the projector. Refer to the **Powering On/Off the Projector** section on page **17**.

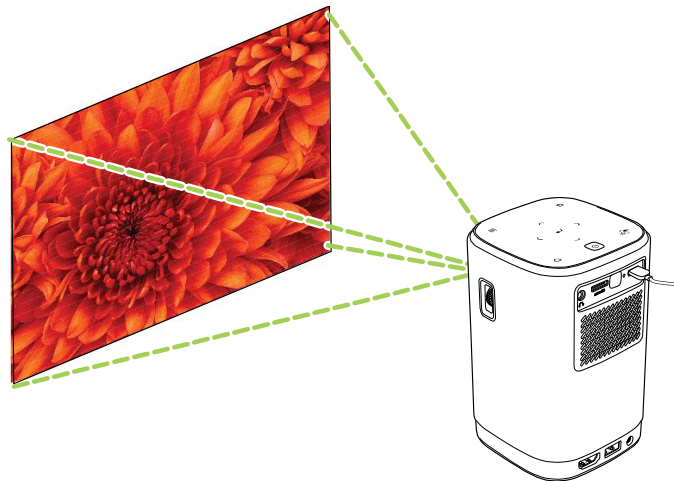
**NOTE:**

If you are already viewing video or playing music from a different source press the home (🏠) or exit (↵) button on the keypad or remote control to return to the home screen.

3. Using the keypad or remote control, select **Type-C** from the home screen and press the enter (↵) button.



4. The video will automatically be projected onto the screen.



5. To control the video playback, use the control options directly from the video source. Press the exit (⏮) button on the keypad or remote control to return to the home screen.

**NOTE:**

Press the enter (↵) button on the keypad or remote control to view information on the video source.

Viewing Documents from a Storage Device (USB Flash Drive, microSD Card)

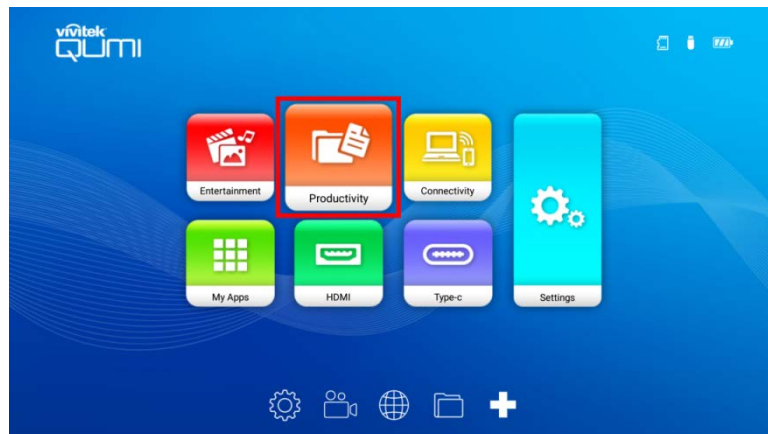
To view a document from a storage device:

1. Connect the device to the projector. Refer to the **Making Connections** section on page 19.
2. Power on the projector. Refer to the **Powering On/Off the Projector** section on page 17.

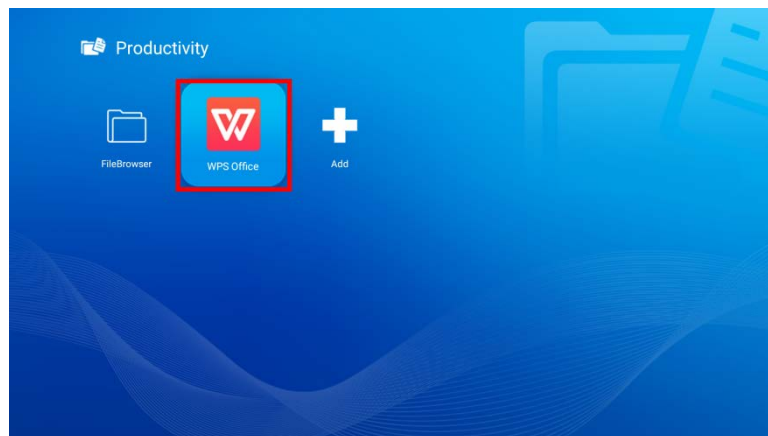
**NOTE:**

If you are already playing media from a different source press the home (⏮) or exit (⏮) button on the keypad or remote control to return to the home screen.

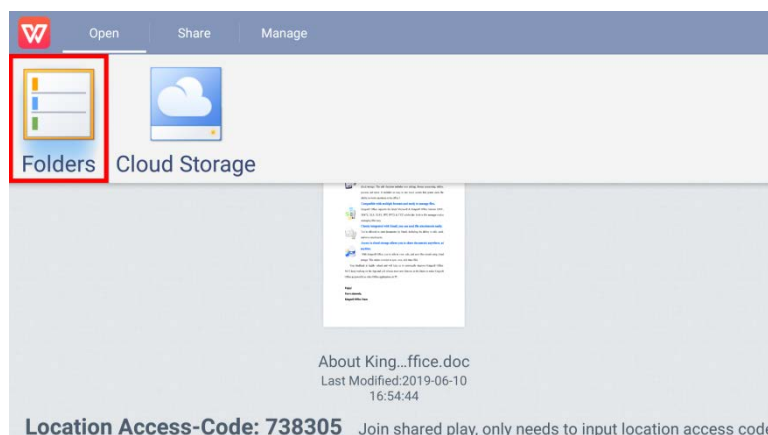
- Using the keypad or remote control, select **Productivity** from the home screen and press the enter (↵) button.



- Select **WPS Office** in the **Productivity** menu and press the enter (↵) button.



- Select **Open** then press the enter (↵) button, and then select **Folders** in the WPS Office main screen then press the enter (↵) button.



- Navigate to the file folder where the document is located in the storage device.
- Select the document you want to view and press the enter (↵) button.

BLUETOOTH® CONNECTIONS

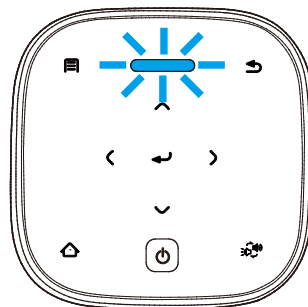
Using the Bluetooth® Speaker

You can use Z1H as a speaker to play music from mobile devices wirelessly. To use the projector as a speaker:

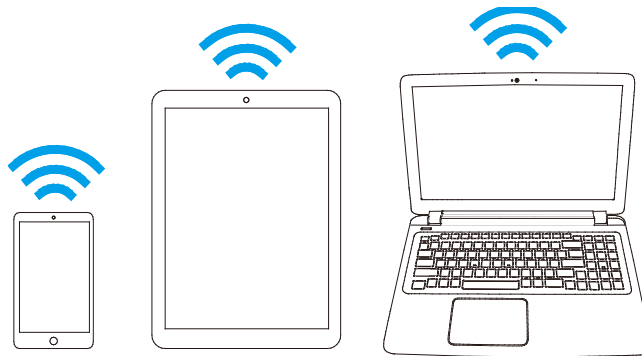
1. Power on the projector. Refer to the **Powering On/Off the Projector** section on page 17.
2. Press the Bluetooth® Speaker Mode () button on the keypad or the remote control to enable Bluetooth® on the projector.



3. When activated, the projector lens will turn off and the LED Status Indicator will illuminate blue with behavior based on the following:
 - Solid Blue - Successfully connected.
 - Blinking Blue - Waiting to pair.
 - Breathing Blue - Connection failed, exit Bluetooth® speaker mode and retry again.



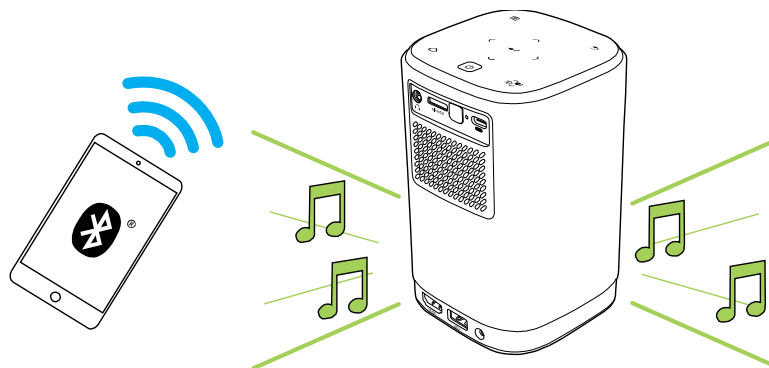
4. Enable Bluetooth® on your mobile device and select Z1H in your mobile device's Bluetooth® pairing menu.



NOTE:

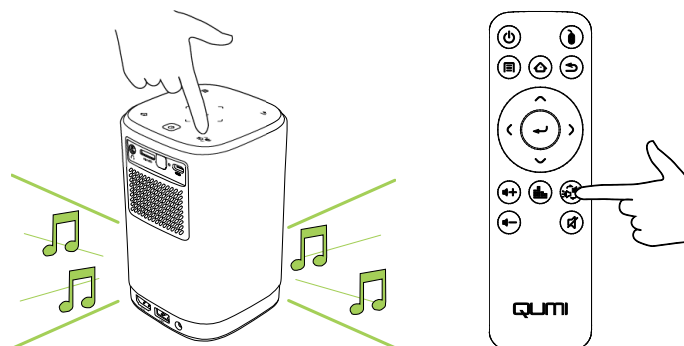
Once paired your mobile device will automatically connect to the projector. Each subsequent time your mobile device is within range of the projector and Bluetooth® is enabled on both devices they will automatically connect to each other.

5. Play music on your mobile device.



To deactivate Bluetooth® Speaker Mode:

1. Press the Bluetooth® Speaker Mode (🔊) button on the keypad or the remote control.

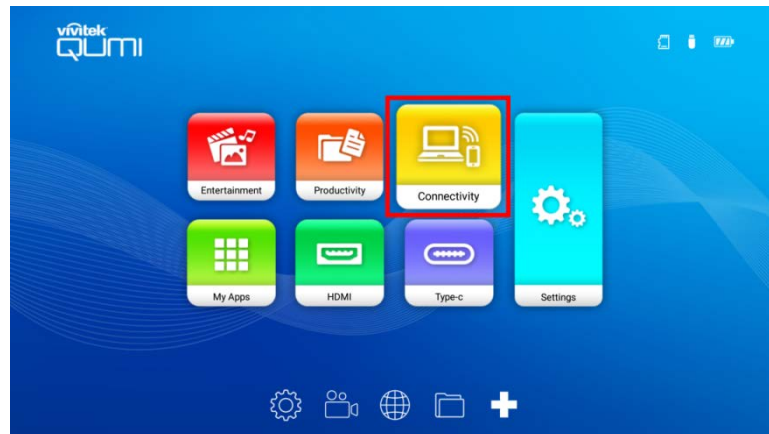


2. When deactivated, the projector lens will turn on and the LED status indicator will no longer illuminate blue.

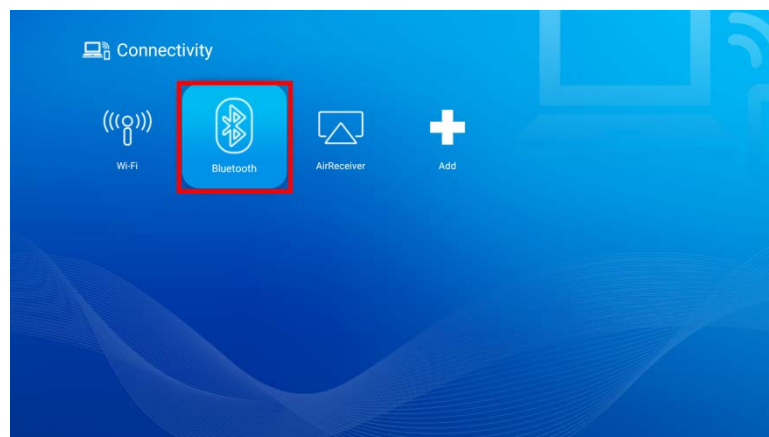
Connecting the Projector to Bluetooth Devices

You can also connect Z1H to other Bluetooth devices, such as an external speaker, headphones, or mouse/keyboard. To connect the projector to a Bluetooth device:

1. Power on the projector. Refer to the **Powering On/Off the Projector** section on page 17.
2. Using the keypad or remote control, select the **Connectivity** button on the home screen and press the enter (↵) button.

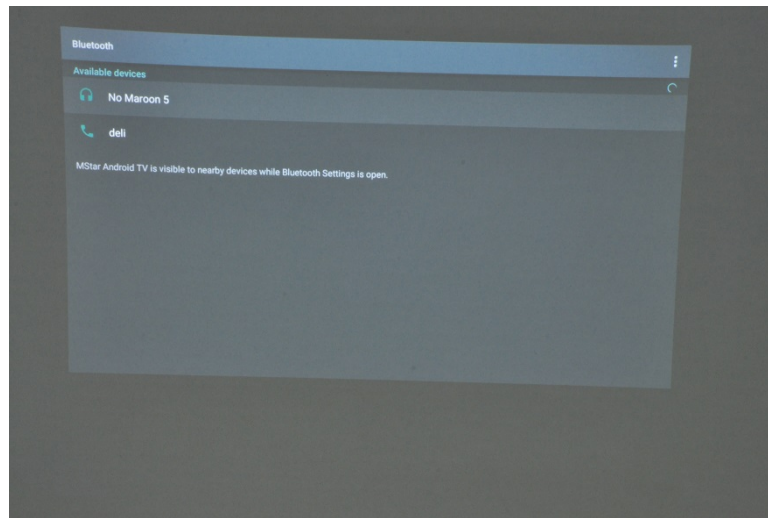


3. Select **Bluetooth** in the **Connectivity** menu and press the enter (↵) button.



4. Set your Bluetooth device to pairing mode.

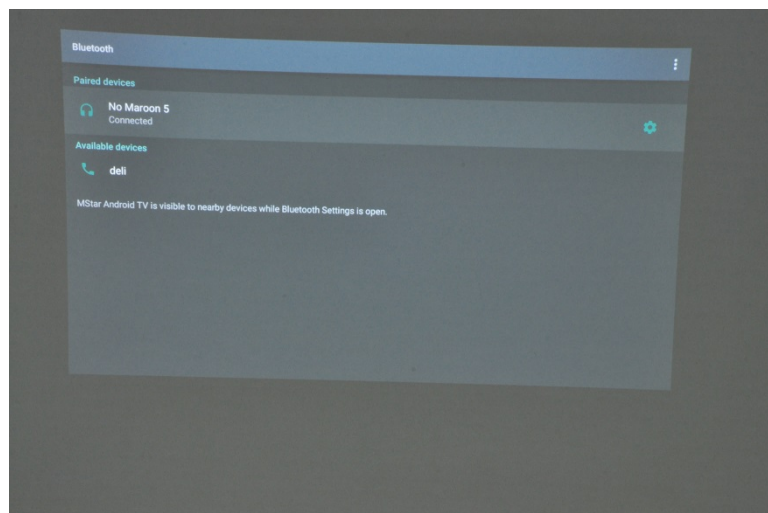
5. Select your Bluetooth device from the devices list in the Bluetooth menu.



NOTE:

It may take some time for your device to appear in the devices list in the Bluetooth menu. If after some time you are still unable to find your device in the devices list, ensure that your device is set to pairing mode and then select the options (⋮) button at the top-right corner of the Bluetooth menu and select **Refresh**.

6. Once **Connected** is shown as the status of your device in the Bluetooth menu, you will be able to use the device until Bluetooth is disconnected or the device is powered off.



THE HOME SCREEN

The home screen for Z1H allows you to view status indicator icons, and access category menus, the system settings menu, and app shortcuts:



Item	Description
Status Indicator Icons	Icons indicating the status for storage media inputs, Bluetooth connection, Wi-Fi connection, and battery charge.
Entertainment	Accesses the menu featuring apps related to playing media files. See Playing Media Files from a Storage Device (USB Flash Drive, microSD Card) on page 24.
Productivity	Accesses the menu featuring apps related to file management and data files. See Viewing Documents from a Storage Device (USB Flash Drive, microSD Card) on page 31.
Connectivity	Accesses the menu featuring wireless (Wi-Fi, Bluetooth) connection settings sub-menus. See Connecting to a Wi-Fi Network on page 20 or Connecting the Projector to Bluetooth Devices on page 35.
My Apps	Accesses the menu featuring all the apps installed on the projector.
HDMI	Switches the projector to the HDMI input source. See Playing from a Video Source (HDMI) on page 29.
Type-C	Switches the projector to the Type-C DisplayPort input source. See Playing from a Video Source (Type-C / DisplayPort) on page 30.
Settings	Accesses the system settings menu. See The System Settings Menu on page 42.
App Shortcuts	Customizable list of up to 8 app shortcuts.

Customizing the App Shortcuts on the Home Screen

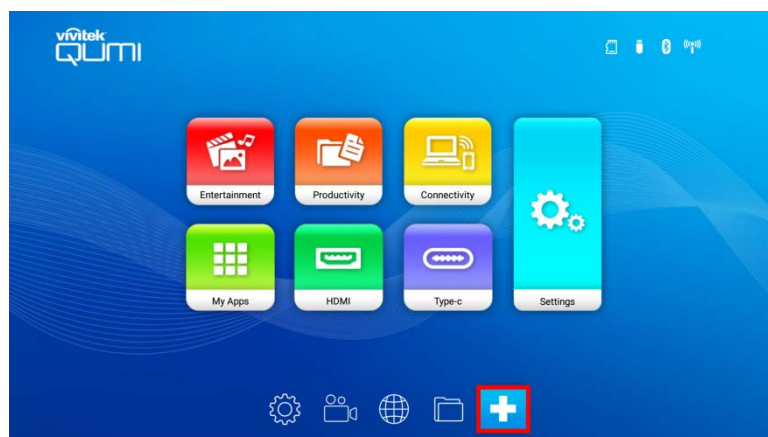
To configure the apps included in the app shortcuts section of the home screen:



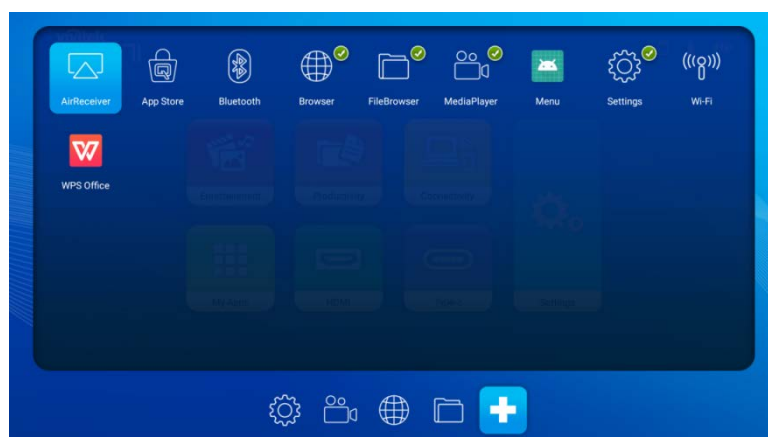
NOTE:

A maximum of 8 app shortcuts are allowed in the app shortcut section.

1. Power on the projector. Refer to the **Powering On/Off the Projector** section on page **17**.
2. Using the keypad or remote control, select the **+** button on the home screen and press the enter (↵) button.



3. Select the app you want to add to the app shortcuts section and press the enter (↵) button so that a green checkmark is shown above the app icon. To remove an app from the app shortcut section select the app and press the enter (↵) button so that the green checkmark above the app icon is removed.



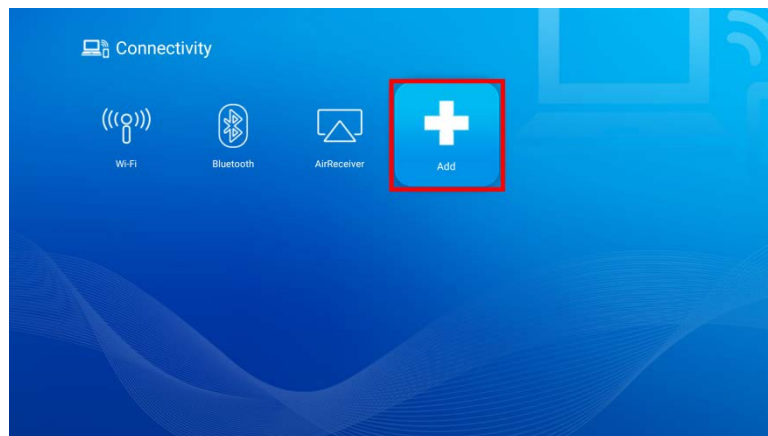
NOTE:

The sequence of the shortcuts in the app shortcuts menu is determined by the order in which the apps are selected. To reorder the sequence of apps de-select all apps and then re-select the apps based on the order that you want them to appear in the app shortcuts section.

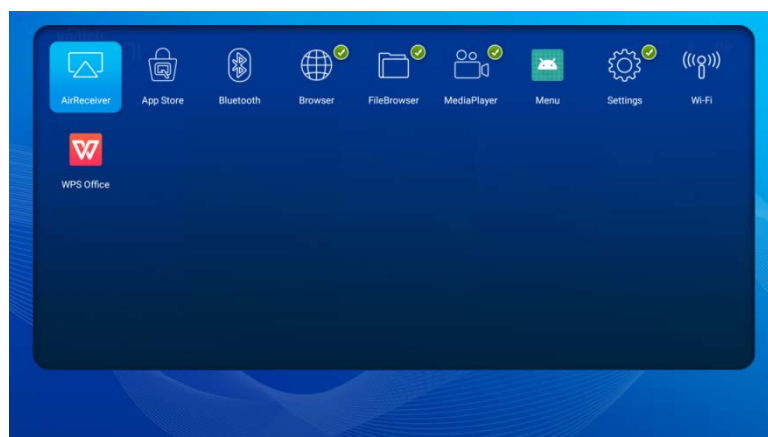
Customizing the Category Menus

To configure the apps included in a category menu:

1. Power on the projector. Refer to the **Powering On/Off the Projector** section on page **17**.
2. Using the keypad or remote control, select the category menu you want to customize and press the enter (↵) button.
3. Select **Add** in the category menu and press the enter (↵) button.



4. Select the app you want to add to the category menu and press the enter (↵) button so that a green checkmark is shown above the app icon. To remove an app from the category menu select the app and press the enter (↵) button so that the green checkmark above the app icon is removed.



NOTE:

The sequence of the shortcuts in the category menu is determined by the order in which the apps are selected. To reorder the sequence of apps de-select all the apps and then re-select the apps based on the order that you want them to appear in the category menu.

USING THE SETTINGS MENUS

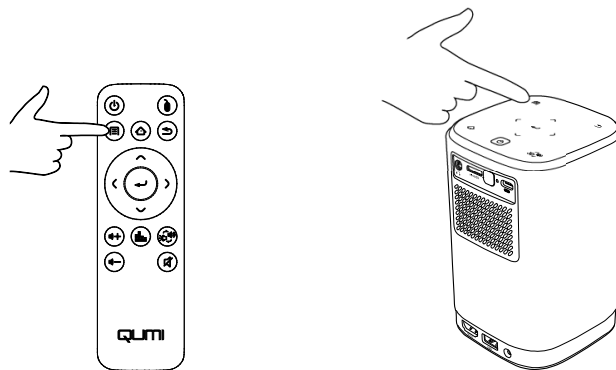
The projector features two separate menus to help you configure the projector's settings:

- **The Projector Settings Menu** - Allows you to configure the projector's hardware settings such as picture, sound, and screen related settings.
- **The System Settings Menu** - Allows you to configure the projector's system settings such as network, app, date/time, language related settings.

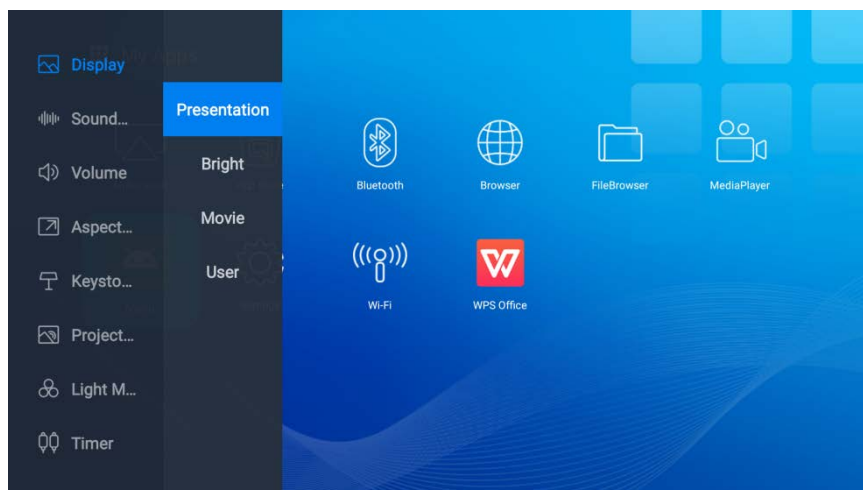
The Projector Settings Menu

To access the Projector Settings menu:

1. Press the menu () button on the remote control or the keypad.



2. The Projector Settings menu will appear on the left side of the projected screen.



3. Use the following keys on either the remote control or the keypad to navigate the Projector Settings Menu:
 - Up () or Down () button to navigate to a menu or sub-menu item
 - Enter () button to select a sub-menu or sub-menu item
 - Exit () button to return to the previous menu or sub-menu

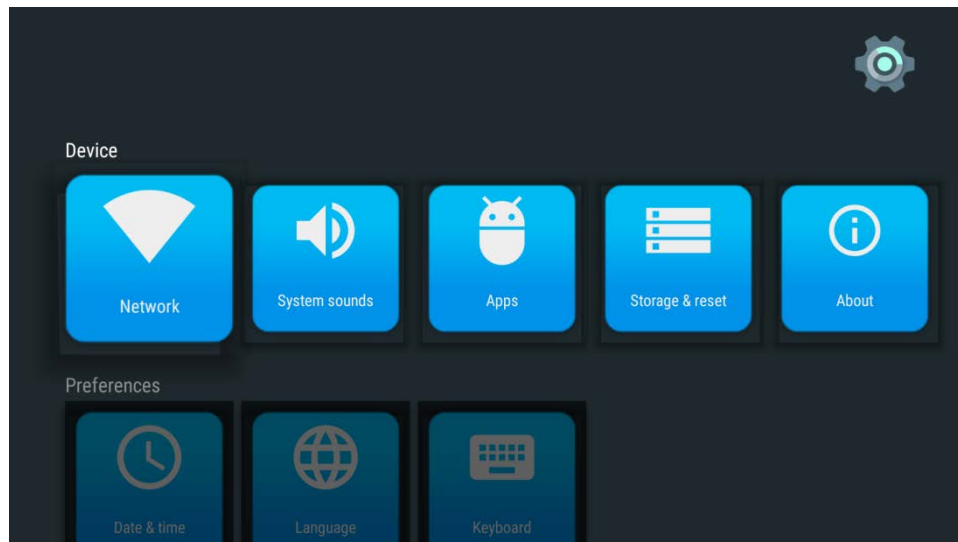
The following table describes the various sub-menus and the options available in the Projector Settings menu:

Sub-Menu	Item	Description
Display	Presentation	Switches the display settings to pre-defined settings ideal for presentations.
	Bright	Switches the display settings to pre-defined settings that maximize brightness.
	Movie	Switches the display settings to pre-defined settings ideal for movies.
	User	Allows the user to adjust the following properties: Brightness, Contrast, Saturation, Sharpness, Hue, and Color Temperature.
Sound Mode	Music	Switches the audio settings to pre-defined settings ideal for music.
	Movie	Switches the audio settings to pre-defined settings ideal for movies.
	User	Allows the user to adjust the frequency levels of the audio settings.
Volume	+ -	Increases/Decreases the audio from 0 to 100.
Aspect Ratio	Auto 4:3 16:9	Adjusts the screen ratio.
Keystone	Manual	Manually adjusts the keystone value.
	Auto	Automatically adjusts the keystone setting.
Projection	Front Rear Front/Ceiling Rear/Ceiling	Sets the position of the projector.
Light Mode	Auto	Allows the projector to adjust the light based on ambient lighting.
	Standard	Switches the light to standard mode.
	Eco	Switches the light to an energy-saving mode.
Timer	Off 10min 20min 30min 60min	Sets the amount of idle time before the projector automatically shuts off.

The System Settings Menu

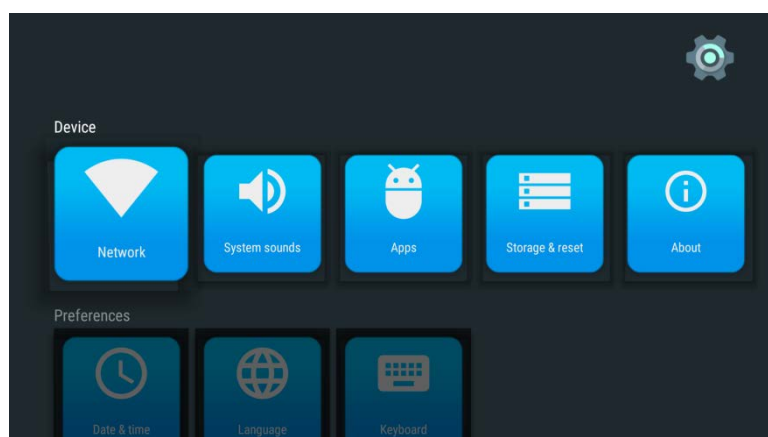
To access the System Settings menu:

1. Select **Settings** on the home screen and then press the enter (↵) button on the remote control or the keypad.
2. The System Settings menu will appear on the projected screen.



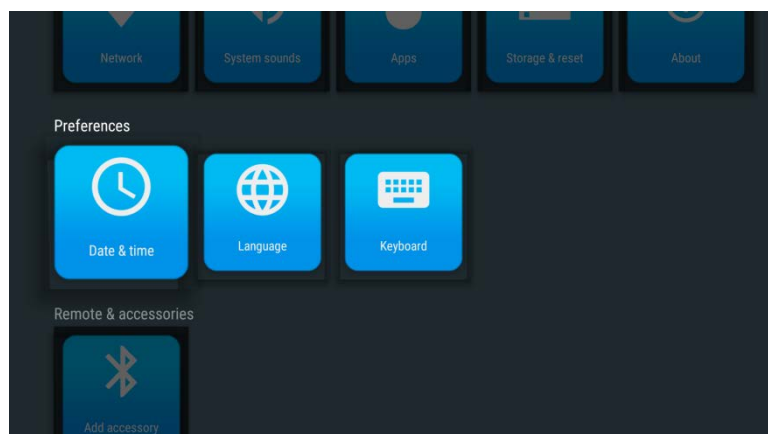
3. Use the following keys on either the remote control or the keypad to navigate the System Settings Menu:
 - Up (↑) or Down (↓) button to navigate to a menu category, sub-menu item, or sub-menu option.
 - Left (←) or Right (→) button to navigate to a sub-menu
 - Enter (↵) button to select a menu or sub-menu item/option
 - Exit (↶) button to return to the previous menu or sub-menu

DEVICE SETTINGS



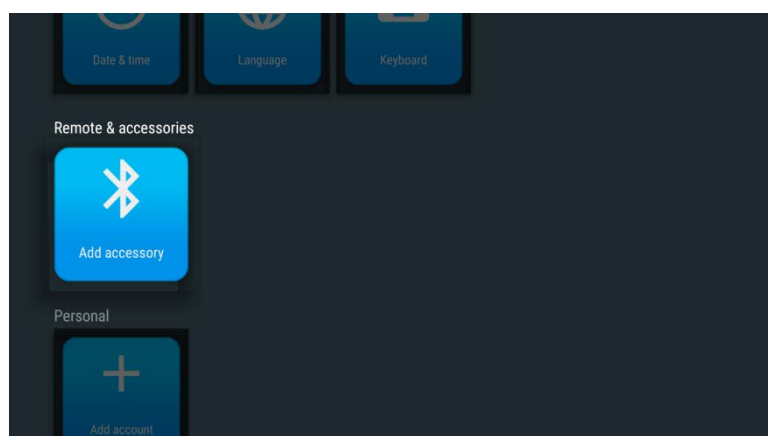
Category	Sub-Menu	Description
Device	Network	Allows you to configure your Wi-Fi connection, setup a Wi-Fi hotspot, and configure screen casting capabilities.
	System Sounds	Enables/Disables system-related sounds (such as clicking, and prompt sounds).
	Apps	Allows you to control operations, view information, configure settings, and define system access/permissions for individual apps.
	Storage & Reset	Allows you to view information regarding the projector's internal storage, eject or format any external storage devices that is connected to the projector, and reset the projector to factory defaults.
	About	Allows you to update the projector's firmware, restart the system and view system-related information (such as version number, serial number, etc.).

PREFERENCES



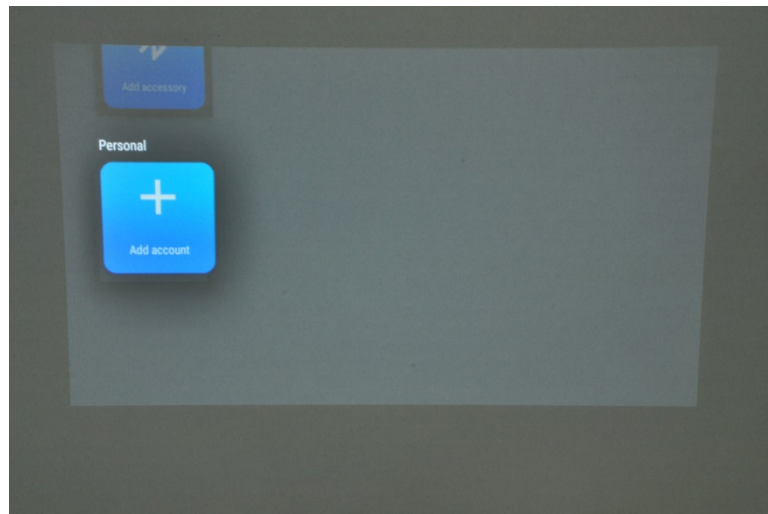
Category	Sub-Menu	Description
Preferences	Date & time	Allows you to set the date and time automatically (via a network connection) or manually.
	Language	Allows you to select the language for the system.
	Keyboard	Allows you to select and configure the keyboard.

REMOTE & ACCESSORIES SETTINGS



Category	Sub-Menu	Description
Remote & accessories	Add Accessory	Allows you to connect your projector to other Bluetooth devices. <i>NOTE: This function is not for connecting mobile devices to the projector for use as a Bluetooth speaker.</i>

PERSONAL SETTINGS



Category	Menu Item	Description
Personal	Account Setup	Sets up an account to download apps and use web-related services

TROUBLESHOOTING/FAQ

These guidelines provide tips to deal with problems you may encounter while using Qumi. If the problem remains unresolved, contact your dealer for assistance.

The problem sometimes can be as simple as improper connection of cables. Review the following possible issues before proceeding to the problem-specific solutions.

- Use another electrical device to confirm that the electrical outlet is properly working.
- Make sure that Qumi is turned on.
- Make sure all connections are securely connected.
- Make sure that the connected device is turned on.
- Make sure that the connected PC is not in suspended mode or sleep mode.

Tips

In each problem-specific section, perform the steps in the order suggested. Doing so may help solve the problem more quickly.

In order to avoid replacing non-defective parts, try to find and isolate the problem

For example, if you replace batteries and the problem remains, put the original batteries back and move to the next step.

Keep a record of the steps you take when troubleshooting. The information may be useful for reference when calling technical support or for bringing Qumi to service personnel.

System Reset Method (Reboot)

On the rear side of Qumi next to the IR sensor, there is a small pinhole. Insert a paperclip (or similar sized object) into the hole and press for 3 seconds to reboot Qumi.

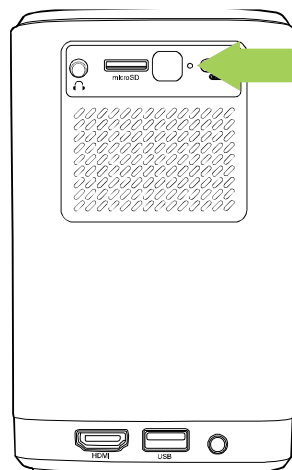


Image Problems

Problem: No image appears on the screen.

1. Check whether the source (PC, Flash Drive, DVD Player, Set-top Box, etc....) is properly configured.
2. Turn off all of the equipment and power up the equipment again in the correct order.

Problem: The image is blurred.

1. Adjust the focus directly via the focus dial on the projector.
2. Ensure that the distance between the Qumi and the screen is within specified range.
3. Clean Qumi lens with optical lens cleaning cloth if it is dirty.

Problem: The image is wider at the top or bottom (trapezoid effect).

1. Position Qumi so that it is as perpendicular to the screen as possible.
2. Adjust the Keystone settings in the Settings menu to correct the problem by either turning Auto Keystone on or by manually adjusting the keystone setting (**Settings > Image > Keystone**).

Problem: The image is reversed.

1. Check the image orientation of the Projector in the Settings menu (**Settings > Image > Projection**).

Remote Control Problems

Problem: Qumi does not respond to the remote control commands.

1. Aim the remote control towards the front or rear sensor on the Qumi.
2. Make sure the path between remote and sensor is not obstructed.
3. Turn off any fluorescent lights in the room.
4. Check to see if the battery polarity is correct.
5. Replace the batteries.
6. Turn off other infrared-enabled devices in the vicinity.
7. Have the remote control serviced.

Problem: The remote control's power button does not turn on the Qumi.

1. Make sure that the Qumi is using the power adapter.

Audio Problems

Problem: There is no sound.

1. Adjust the volume on the audio source.
2. Test the output of the audio source with other speakers.

3. If using Bluetooth, ensure that Qumi is in Bluetooth mode on and ensure that pairing has occurred.
4. Have Qumi serviced.

Problem: The sound is unstable in Bluetooth speaker mode

1. Check to make sure that Qumi is within range of your Bluetooth device (Smartphone, Tablet, etc.).
2. Use another Bluetooth speaker to test the output of the audio source.
3. Have Qumi serviced.

FAQs

1. **Is it possible to connect Qumi to a game console, such as a Microsoft® Xbox or Sony® PlayStation?**

Yes, Qumi can be used to display content from an Xbox or PlayStation console. This can be done by connecting the HDMI cable from the game console to Qumi.

2. **Can Qumi project content from a television?**

Watching television content can be done by connecting a cable box, digital set-top box or satellite receiver directly to Qumi. For example, if a cable box is used, it can be connected by an HDMI cable to Qumi.

3. **How are images from a USB storage device displayed?**

Images and other content can be displayed by connecting the following devices to Qumi:

- USB flash drive (USB Type A)
- microSD card

Once the devices are connected, images can be displayed by using Qumi's embedded Photo Player.

4. **What is the USB Type C port used for?**

Qumi's USB Type C port is used to connect with devices (Example: Smartphones*, Tablets*, Computers*) that support DisplayPort signal output via USB Type C support to play videos and images. A USB Type C to USB Type C data transfer compatible cable (not included) is required.

*Not all USB Type C enabled devices support DisplayPort transmission functionality to play videos and images. Check your device's user manual or other documentation to make sure that it can support DisplayPort transmission functionality for USB Type C.

5. **Which cable is required for video devices to be connected with Qumi?**

Video devices can be connected to Qumi by using an HDMI cable if the video devices contain an HDMI appropriate output port.

6. What type of video formats does Qumi support?

AVI//VOB/MOV/MKV/DAT/MPG/MP4

7. What type of audio formats does Qumi support?

MP3/WMA/M4A/AAC

8. What type of photo formats does Qumi support?

JPG/JPEG/BMP/PNG

9. What type of document formats does Qumi support?

Microsoft® Office 97-2010 (Word, Excel®, PowerPoint®), Adobe® PDF (1.0, 1.1, 1.2, 1.3, 1.4).

10. How long will the LED light source in Qumi last and can it be replaced?

Qumi does not use a typical light source. It uses a set of Light Emitting Diodes (LED) to illuminate and project images. LED's have a greater lifespan than conventional lamps. The Qumi's LED is estimated to last for approximately 20,000 hours. The lifespan of the LED depends on factors such as brightness, usage, environmental conditions. LED brightness can decrease over time. The LED module is not replaceable.

11. Why do I need to re-adjust the focus on my Qumi after it's powered up?

For the best picture quality, adjustment of the projector's Focus-Dial may be necessary once the operational temperature has been met.

12. I've lost my remote. Where can I get a replacement?

Contact your Reseller or Vivitek Service via www.vivitekcorp.com (select region) to obtain a replacement remote (Charges may be applied).

13. Why won't Qumi recognize my USB flash drive?

The USB flash drive must be formatted in FAT32, FAT16 or NTFS.

14. Bluetooth does not work with my BT device (Example: keyboard, mouse or other similar device)?

Qumi's Bluetooth function is only for audio playback between a smartphone, tablet or other BT enabled audio device.

15. Why won't the remote control's Power On button switch on the Qumi?

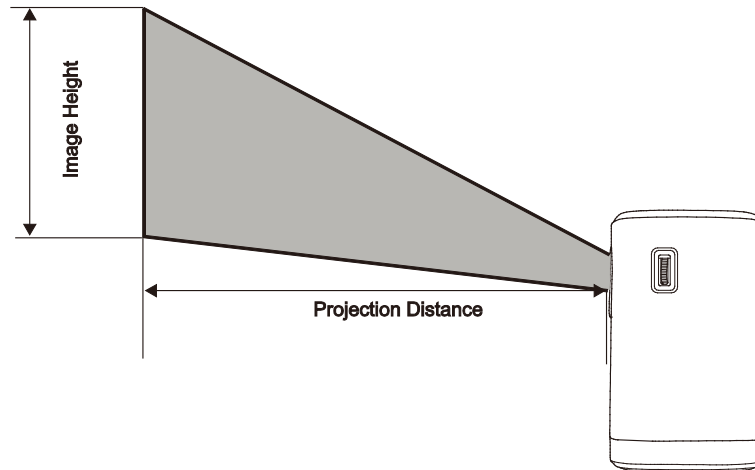
When the projector is off and not attached to the power adapter, the remote control doesn't support "Power On". Once the power adapter is connected, the remote control's "Power On" feature will function normally.

Vivitek Support Site

Please visit www.vivitekcorp.com and select your region for more information, support and product registration.

ADDITIONAL INFORMATION

Projection Distance vs Projection Size



Projection Distance (cm/inch)	Image Diagonal (cm/inch)	Image Width (cm/inch)	Image Height (cm/inch)
40 / 15.8	35.5 / 14.0	30.1 / 11.8	18.8 / 7.4
60 / 23.6	53.2 / 20.9	45.1 / 17.8	28.2 / 11.1
80 / 31.5	70.9 / 27.9	60.2 / 23.7	37.6 / 14.8
100 / 39.4	88.7 / 34.9	75.2 / 29.6	47.0 / 18.5
120 / 47.2	106.4 / 41.9	90.2 / 35.5	56.4 / 22.2
140 / 55.1	124.1 / 48.9	105.3 / 41.4	65.8 / 25.9
160 / 63.0	141.9 / 55.9	102.3 / 47.4	75.2 / 29.6
180 / 70.9	159.7 / 62.8	135.5 / 53.3	84.6 / 33.3
200 / 78.7	177.3 / 69.8	150.3 / 59.2	94.0 / 37.0

**NOTE:**

The offset table has a 10% tolerance due to optical component variations.

Timing Mode Table

Signal	Resolution	Horizontal Synchronization [KHz]	Vertical Synchronization [HZ]	DVI/HDMI
VESA	720x400	37.9	85	O
	640x480	31.5	60	O
	640x480	37.9	72	O
	640x480	37.5	75	O
	640x480	43.3	85	O
	800x600	35.2	56	O
	800x600	37.9	60	O
	800x600	48.1	72	O
	800x600	46.9	75	O
	800x600	53.7	85	O
	1024x768	48.4	60	O
	1024x768	56.5	70	O
	1024x768	60	75	O
	1024x768	68.7	85	O
	1280x800	49.7	59.8	O
	1280x800	62.8	74.9	O
	1280x800	71.6	84.8	O
	1280x1024	63.98	60	O
	1280x1024	79.98	75	O
	1280x1024	91.1	85	O
	1400x1050	65.3	60	O
	1440x900	55.9	60	O
	1600x1200	75	60	O
	1920x1080	67.2	60	O
Apple® Mac	640x480	35	66.68	O
	832x624	49.725	74.55	O
	1024x768	60.24	75	O
	1152x870	68.68	75.06	O
SDTV	480i	15.734	60	O
	576i	15.625	50	O
EDTV	480p	31.469	60	O
	576p	31.25	50	O
HDTB	720i	37.5	50	O
	720i	45	60	O
	1080i	33.8	60	O
	1080i	28.1	50	O
	1080p	67.5	60	O
	1080p	56.3	50	O

O: Available frequency

-: Unavailable frequency

*: Display level

Specifications

Specifications	
Model No.:	Z1H
Native Resolution	HD 720p (1280 x 720)
Maximum Resolution	1080p (1920 x 1080)
Throw Ratio (Distance/Width)	1.33:1 (Manual Adjustment Focus)
Image Size (Diagonal)	0.4m - 2.6m (15.7in - 102.4in)
Projection Distance	0.5m - 3.0m (1.6ft - 9.8ft)
Aspect Ratio	16:9 Native
Keystone Correction	Vertical $\pm 30^\circ$ (Auto Keystone)
Operating System	Android™
Wireless	Yes (Internal IEEE 802.11 b/g/n (2.4GHz))
Bluetooth® Device Connectivity	Yes (Bluetooth® 4.0)
Bluetooth® Speaker Connectivity	Yes (Bluetooth® 4.0)
RAM / Storage	1GB DDR3 / 8GB (eMMC Flash) (5GB User Availability)
Storage Expansion	Yes (microSD, USB Flash Drive (A))
Multiple Media Player	Yes (Video, Image, Audio, Office)
Speakers	5W (x2) (Stereo)
Tripod Mount	Yes (Standard 1/4-20 L6.3 mm camera mount hole)
I/O Connection Ports	HDMI v1.4b, Earphone-Out (3.5mm), USB Type A (5V/0.5A), USB Type C, microSD Card Slot
Battery Type (Embedded)	4,000 mAh (7.4V) Li-Polymer Rechargeable Battery (Up to 2 hours of usage)
Operating Temperature	5°C to 35°C (41°F to 95°F)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	36W (Normal Mode)
Projection Method	Table Top, Ceiling Mount (Front or Rear)
Dimensions (W x D x H)	86 x 86 x 136mm (3.4" x 3.4" x 5.1")
Weight (Approximate)	500g (1.1lbs)

Adapter Specifications

Model No.	ADP-36PH A
Manufacturer	Delta Electronics, Inc.
Rating	Input: 100-240V, 1A, 50-60Hz Output: 12Vdc, 3A
Operating Temperature	0°C to 40°C (32°F to 104°F)



NOTE: For questions regarding product specifications, please contact your local dealer.



Vivitek Americas

46101 Fremont Blvd,
Fremont, CA 94538
U.S.A.
T: +1-510-668-5100
F: +1-510-668-0680

Vivitek Asia

7F, No. 186, Ruey Kuang Road,
Neihu, Taipei 11491
Taiwan R.O.C.
T: +886-2-8797-2088
F: +886-2-6600-2358

Vivitek Europe

Zandsteen 15, 2132 MZ Hoofddorp
The Netherlands
T: +31-20-800-3960
F: +31-20-655-0999
www.vivitekc corp.com

A brand of  **DELTA**