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HDMI[™]
HIGH-DEFINITION MULTIMEDIA INTERFACE

ASUS ZenBeam[™] E2

**IN SEARCH OF
INCREDIBLE** /

E-Manual

ASUS

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About this manual

This manual provides information about the hardware and software features of your LED projector through the following chapters:

Chapter 1: Knowing your LED Projector

This chapter details the parts of your LED projector.

Chapter 2: Setting up

This chapter shows you how to set up your LED projector and use its parts for input device connection.

Chapter 3: Using the LED projector

This chapter describes the features of the LED projector's control panel buttons and how to use them to launch the functions of your LED projector.

Appendices

This section includes safety notices for your LED projector.

Conventions used in this manual

To highlight key information in this manual, some text are presented as follows:

IMPORTANT! This message contains vital information that must be followed to complete a task.

NOTE: This message contains additional information and tips that can help complete tasks.

WARNING! This message contains important information that must be followed to keep you safe while performing tasks and prevent damage to your LED projector's data and components.

Typography

Bold = This indicates a menu or an item that must be selected.

Italic = This indicates sections that you can refer to in this manual.

Multi-language versions

Download other language versions of this E-Manual via this website:

<https://www.asus.com/support/>

Safety precautions

Using your LED projector

- Refer to the manual and take note of the safety instructions before operating your LED projector.
- Follow the notes and warnings stated in the user manual.
- DO NOT place your LED projector on uneven or unstable surfaces.
- DO NOT use your LED projector in smoky environments. Smoke residue may cause build-up on critical parts and damage the LED projector or decrease its performance.
- DO NOT use damaged power cords, accessories, and other peripherals with your LED projector.
- Keep the LED projector's plastic packages out of the reach of children.
- DO NOT block or place anything near the LED projector's ventilation holes. Doing so may cause internal heat build-up that can degrade picture quality and damage the projector.
- Ensure that the operating voltage of your LED projector matches the voltage of your power source.

Servicing and replacement of parts

- DO NOT disassemble or attempt to service this LED projector by yourself. Contact your local ASUS service center for assistance.
- Risk of explosion if battery is replaced by an incorrect type. Dispose used batteries according to safety instructions and contact your local ASUS service center for assistance.
- When replacing parts of your LED projector, purchase items as specified by ASUS and contact your local service center for assistance.

Caring for your LED projector

- Switch off then unplug the LED projector from the power outlet before cleaning it.
- When cleaning the LED projector's housing, use a clean soft cloth dampened with water or a mix of water and neutral detergent. Wipe it dry using a soft dry cloth.
- Ensure that the lens is cool before cleaning it. Gently wipe the lens using a lens cleaning paper. DO NOT touch the lens with your hands.
- DO NOT use liquid or aerosole cleaners, benzene, or thinners on your LED projector.
- Never operate this LED projector immediately after moving it from a cold location. When the LED projector is exposed to a drastic change in temperature, moisture may condense on the lens and its other internal parts. To prevent this, use the unit two (2) hours after an extreme or sudden change in temperature occurs.
- DO NOT use a spray containing flammable gases to clean the lens. This may cause a fire due to excessive heat inside the projector.
- DO NOT clean the lens while the projector is warming up as this may cause the lens' surface film to peel off.
- DO NOT use a hard object to wipe or tap the lens.

Proper disposal



DO NOT throw your LED projector in municipal waste. This product has been designed to enable proper reuse of parts and recycling. The symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment and mercury-containing button cell battery) should not be placed in municipal waste. Check local regulations for disposal of electronic products.

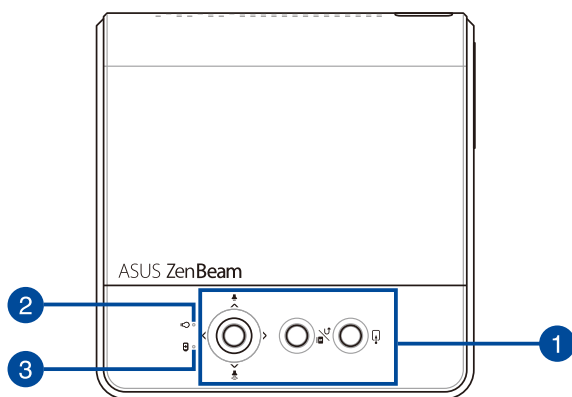


DO NOT throw the battery in municipal waste. The symbol of the crossed out wheeled bin indicates that the battery should not be placed in municipal waste.

Chapter 1: Knowing your LED projector

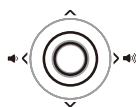
Features

Top View



1 Control panel buttons

The control panel buttons allow you to navigate the onscreen display menu. Individually, these buttons also correspond to a specific LED projector setting as indicated below.



Select
(move up or down)

Adjust volume
(move left or right)



Back/Splendid



Input

NOTE: For more information on using the control panel buttons to access your LED projector's settings, refer to *Chapter 3: Using the LED projector*.

2 Power indicator and battery status indicator

This LED indicator indicates the following scenarios for your LED projector:

- It lights up when the LED projector is powered on.
- It lights up as either green or red depending on the battery charge status.

For details on how this LED indicator functions as a battery status indicator, refer to the following table:

Color	Status
Solid Green	The LED projector is plugged to a power source, running on battery mode and the battery power is more than 25%, or running in power bank mode.
Solid Red	The LED projector is running on battery mode only and the battery power is not more than 25%.
Blinking Red	The temperature of the LED projector is too high and will lower its brightness automatically. The LED projector will shut down if the temperature is still too high to prevent overheating.
Blinking Green	The LED projector is currently used as a power bank and charging your mobile device.
Blinking Red and Green	A system error occurred. The LED projector will shutdown automatically.

3 Battery charge indicator

This LED indicator lights up when the LED projector is plugged to a power source using its power adapter.

IMPORTANT! Use only the bundled power adapter to charge the battery pack and supply power to your LED projector.

Extended features

Your LED projector also have stand-alone features that are launched by pressing the **Back/Splendid** button while your LED projector is on battery mode.

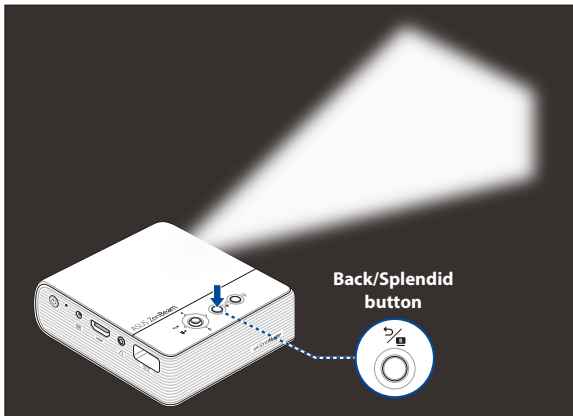
NOTE:

- These feature are not available when your LED projector is connected to an HDMI input source or on Wi-Fi mode.
- To turn off or switch between the flashlight and emergency light feature of your LED projector, just press the **Back/Splendid** button until your preferred lighting feature is disabled or enabled.

IMPORTANT! Ensure that your LED projector is charged and can run on battery mode before enabling these features. Battery time varies depending on usage.


Flashlight

The LED projector flashes a steady white light when you use this feature.



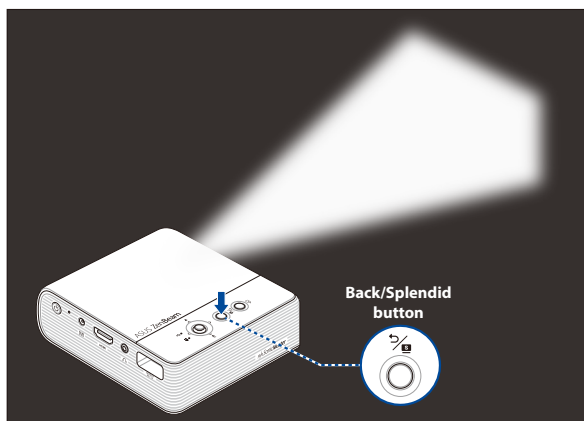
To use your LED projector as a flashlight:

1. Disconnect all peripherals and the Wi-Fi dongle from your LED projector then press the power button to turn it on.


2. Press the **Input** button and change the input source to HDMI.
3. Press  repeatedly until the LED projector flashes a steady white light.

Emergency light mode

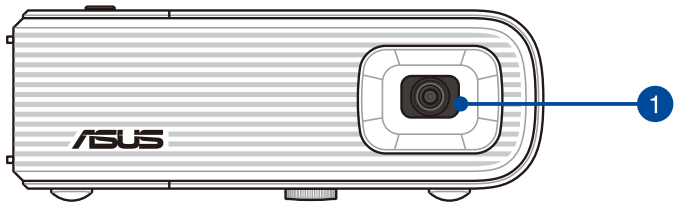
The LED projector flashes a blinking white light when you use this feature.



To use your LED projector as an emergency light:

1. Disconnect all peripherals and the Wi-Fi dongle from your LED projector then press the power button to turn it on.
2. Press the **Input** button and change the input source to HDMI.
3. Press  repeatedly until the LED projector flashes a blinking white light.

Front View



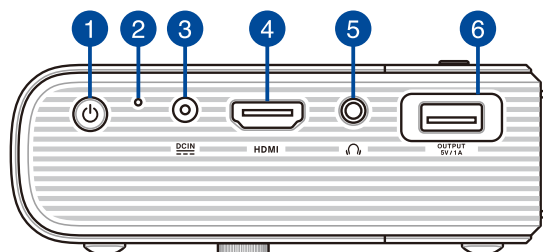
1 Lens

The lens projects video or image files onscreen from your input device.

WARNING!

- DO NOT touch the lens with your hands or any sharp object.
 - DO NOT look directly into the lens.
-

Rear View



1 Power button

Long press this power button to turn on or turn off your LED projector. Short press this button to turn on or turn off power bank mode.

2 Manual reset hole

If your LED projector is unresponsive, insert a straightened paper clip into this hole to turn off your LED projector, then press the power button to turn on your LED projector again.

3 Power (DC) input port

Insert the bundled power adapter into this port to charge the battery pack and supply power to your LED projector.

IMPORTANT! Use only the bundled power adapter to charge the battery pack and supply power to your LED projector.

WARNING! The adapter may become warm to hot while in use. DO NOT cover the adapter and keep it away from your body while it is connected to a power source.

4 **HDMI port**

This port is for the HDMI (High-Definition Multimedia Interface) connectors. These port are HDCP compliant for HD DVD, Blu-ray, and other protected content playback.

5 **Audio output jack port**

The audio output jack port allows you to connect your LED projector to headphones.

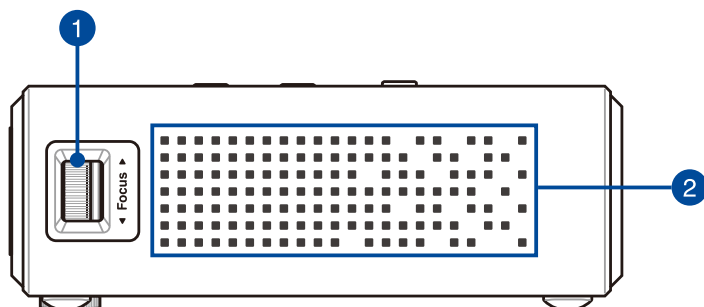
6 **Power output/Wi-Fi dongle port**

This power output port provides up to 5V/1A of output voltage and current. You can connect your mobile device to this port to keep it charged while using it with your LED projector.

You can also insert the bundled Wi-Fi dongle that allows you to mirror or stream content from your mobile device.

NOTE: For more details, refer to the *Using Wi-Fi connection* section in this manual.

Right View



1 Focus ring

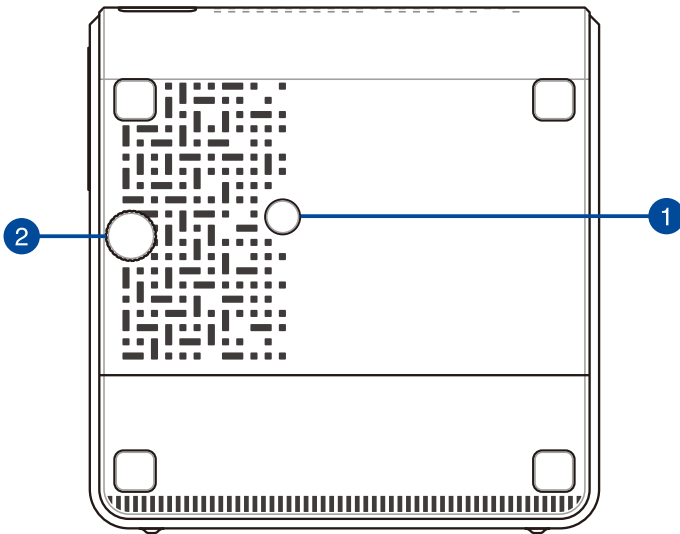
The focus ring allows you to adjust the image focus of your LED projector.

2 Air vents

The air vents allow cool air to enter and warm air to exit the LED projector.

WARNING! Ensure that paper, books, clothing, cables, or other objects do not block any of the air vents or else overheating may occur.

Bottom View



1 Tripod socket

Attach the LED projector to a tripod using this socket.

2 Adjustable foot

Rotate this adjustable foot to adjust the height of the LED projector.

Chapter 2: Setting up

Operating your LED projector

This portable LED projector allows you to plug and play your devices so you can easily open multimedia files and hear audio straight from its built-in SonicMaster speakers.

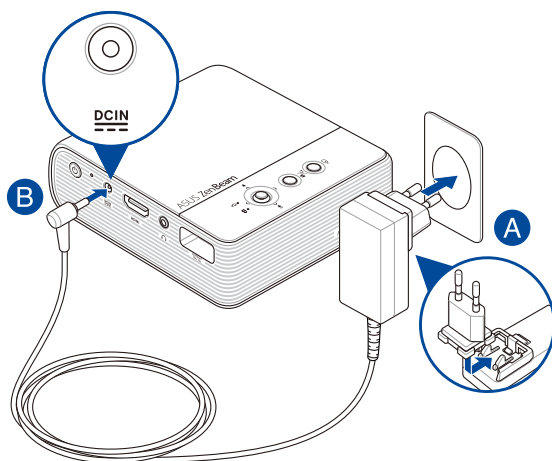
For your safety and to maintain the quality of this unit, refer to the following steps when operating your LED projector.

Connect the LED projector to the power adapter

- A. Plug the AC power adapter into a 100V~240V power source.
- B. Connect the DC power connector into your LED projector.



Charge the LED projector for **5 hours** before using it in battery mode for the first time.



NOTE: The power adapter may vary in appearance, depending on models and your region.

IMPORTANT!

- Use only the bundled power adapter to charge the battery pack and supply power to your LED projector.
 - Ensure that your LED projector is connected to the power adapter before turning it on for the first time. Always plug the power cord into a wall socket without using any extension cords. For your safety, connect this device to a properly grounded electrical outlet only.
 - The socket outlet must be easily accessible and near your LED projector.
 - To disconnect your LED projector from its main power supply, unplug your LED projector from the power socket.
-

WARNING!

Read the following precautions for your LED projector's battery:

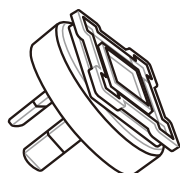
- The battery capacity will vary depending on the environment temperature, humidity, and LED Projector usage.
 - The battery used in this device may present a risk of fire or chemical burn if removed or disassembled.
 - Follow the warning labels for your personal safety.
 - Risk of explosion if battery is replaced by an incorrect type.
 - DO NOT dispose of in fire.
 - Never attempt to short-circuit your LED 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.
 - Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
 - Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas;
 - A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
-

AC power plug requirements

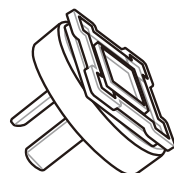
Use the correct AC power plug type according to your current location.

IMPORTANT! Contact your sales dealer if the AC power plug bundled with your LED projector does not match your local power source.

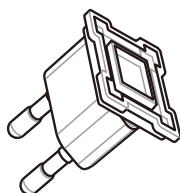
NOTE: We highly recommend that you use a video source device that also uses a grounding type plug to prevent signal interference due to voltage fluctuations.



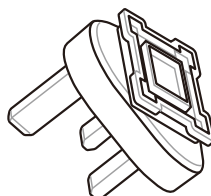
For Australia and Mainland China



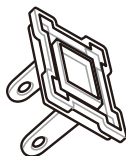
For Argentina



For Korea



For U.K.



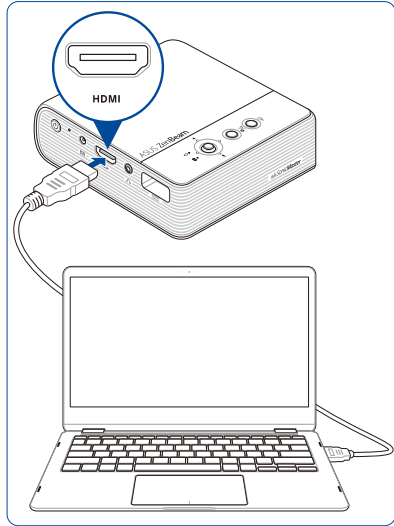
For U.S.A., Japan, and Taiwan

Connect the LED projector to your device

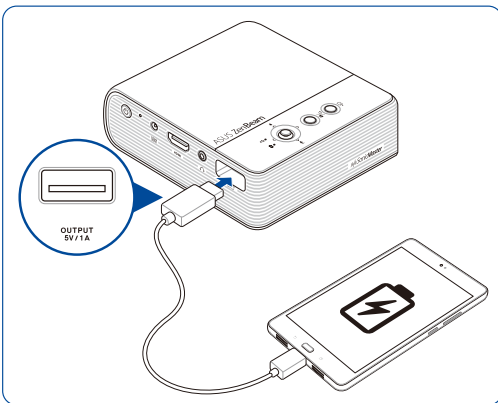
A Audio output



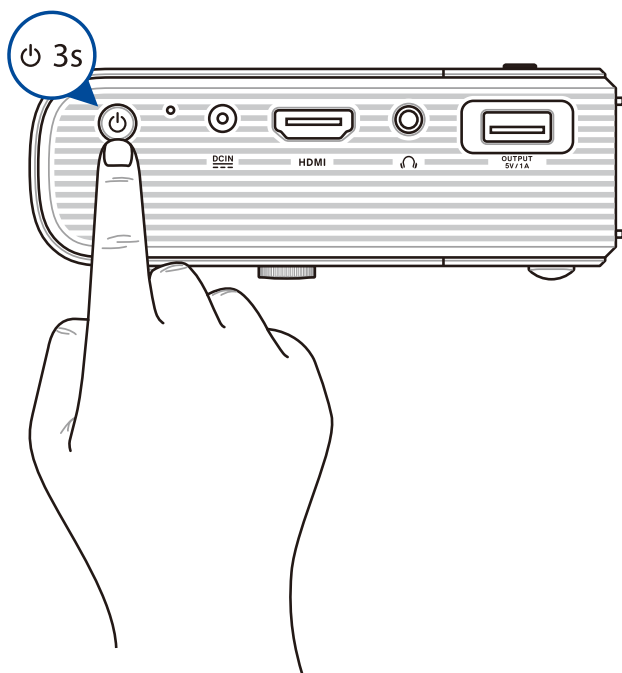
B HDMI



C Power output (5V/1A)



Press the power button

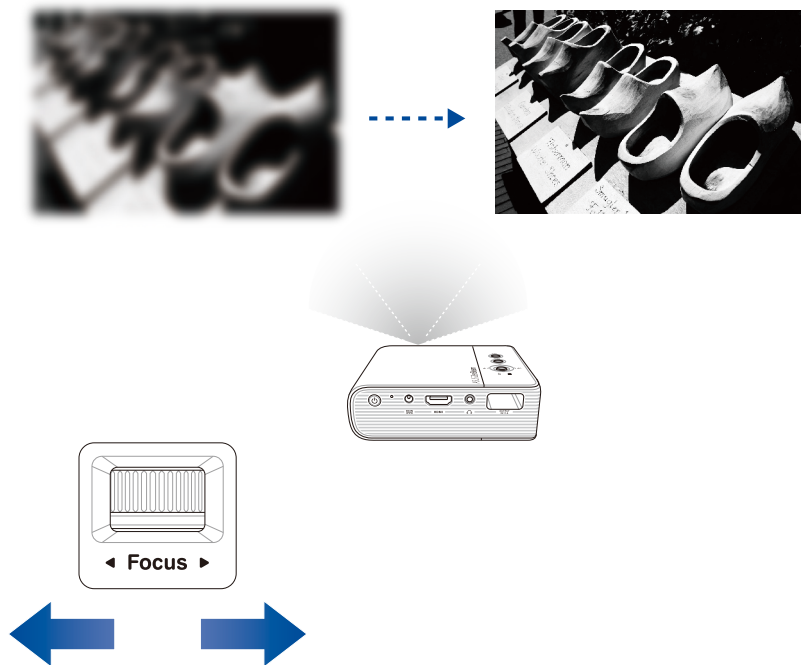


NOTE: The battery pack inside your LED projector stops charging while the LED projector is in use. Refer to the battery indicator for the current charge status of your LED projector. You may also refer to the *Top View* section in this manual for more details.

Adjust the focus ring

NOTE: Use a still image when adjusting the onscreen display.

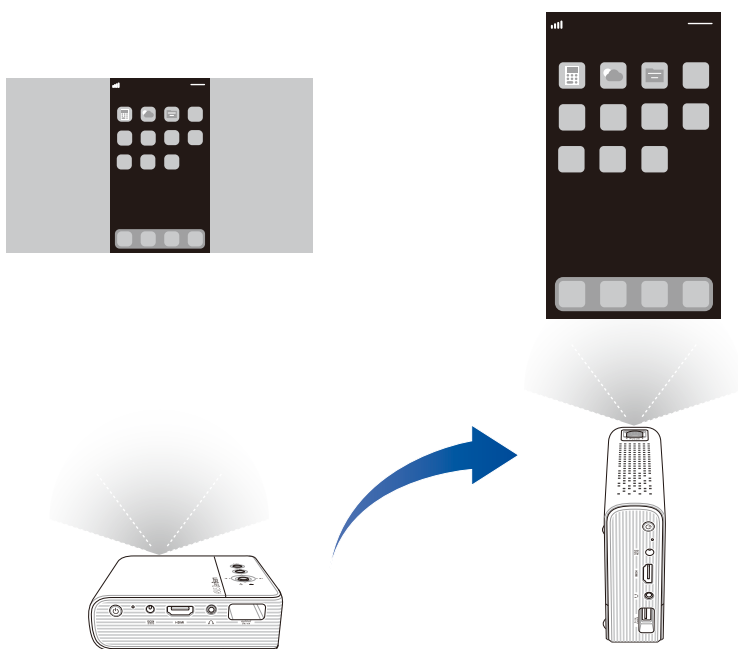
Adjust the image focus of the projection onscreen by moving the focus ring up or down.



Portrait mode

Your LED projector supports both landscape (standard) and portrait modes. To use the portrait mode, rotate the projector to a vertical position, and the vertical image can be viewed in full screen without black bars on the sides.

NOTE: Your LED projector allows you to mirror or stream content from your mobile device, refer to the *Using Wi-Fi connection* section in this manual for more details.



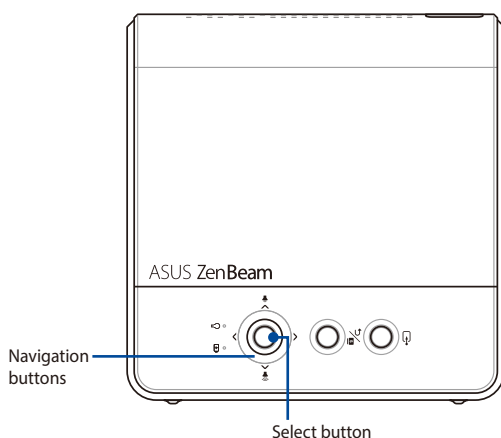
Screen size and projection distance table

Adjust the LED projector's distance from the screen using the table below.

Screen size - 16:9				Projection distance
Diagonal		Horizontal	Vertical	
(inch)	(mm)	(mm)	(mm)	(mm)
30	762	664	373	864
35	889	775	436	1007
40	1016	886	498	1151
45	1143	996	560	1295
60	1270	1107	622	1439
55	1397	1218	684	1583
60	1524	1329	747	1727
65	1651	1439	809	1871
70	1778	1550	871	2015
75	1905	1661	933	2159
80	2032	1771	996	2303
85	2159	1882	1058	2447
90	2286	1993	1120	2591
95	2413	2104	1182	2735
100	2540	2214	1245	2879

Chapter 3: Using the LED projector

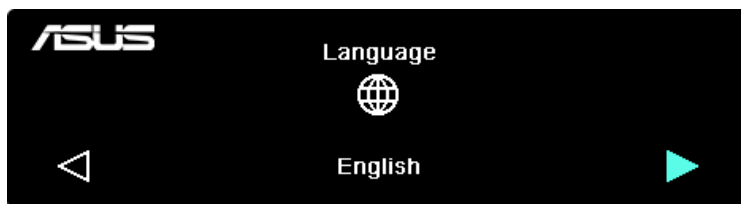
Using your LED projector for the first time



Refer to the following steps when using your LED projector for the first time.

NOTE: Ensure that your LED 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 LED projector on power adapter mode.

1. Set up your LED projector then press and hold the power button for three (3) seconds to turn it on.
2. Press ◀◀ or ▶▶ on your LED projector's control panel to browse through the available language options.



3. After you have chosen your preferred language, press the **Select** button to set this language for use on your LED projector.
4. You may now start using your LED projector to display files from your input device. The **NO SIGNAL** screen may appear if no input device is connected or cannot be detected by the LED projector.
5. Press the **Select** button on your LED projector's control panel to launch its onscreen display menu.


Operating the onscreen display menu

Your LED projector is a plug-and-play device that also features an onscreen display menu that contains a set of programs and settings that can maximize your use of the LED projector.

Launch the onscreen display menu by pressing the **Select** button on the control panel of your LED projector.




NOTE: For more details, refer to the *Onscreen display menu options* section in this manual.

To scroll through the options on the onscreen display menu, press the navigation buttons (up/down/left/right) on your LED projector's control panel. After adjusting the settings, press the **Select** button to save the new settings and press  or move the **Select** button up to go back to the home screen.

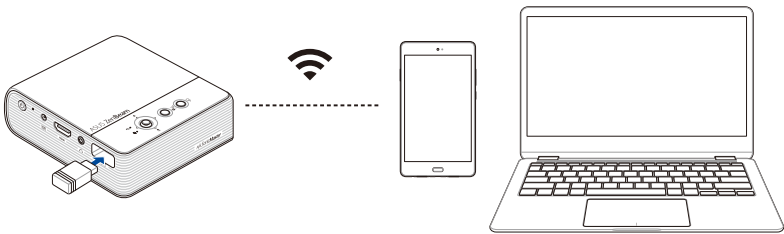
Using Wi-Fi connection

The bundled Wi-Fi dongle allows you to project your device's screen or stream from your device to your LED projector. The setup process may differ slightly from device to device.

Ensure to do the following before starting screen mirroring or media streaming from your device:

1. Insert the bundled Wi-Fi dongle to your LED projector correctly.
2. Press  to turn on the wireless projection mode.
3. Turn on Wi-Fi on your device.

NOTE: If you wish to change the Wi-Fi band from 5GHz to 2.4GHz, press and hold the **Input** button for three (3) seconds and wait for another three (3) seconds to enable the change.



Mirroring

NOTE:

- The option names may vary depending on device. For more information, refer to the manual supplied with your device.
 - Ensure your mobile operating system is up to date before you start the mirroring or streaming process.
-



From Android devices

1. Tap **Smart Mirroring** or **Cast** and connect to your LED projector's SSID as shown on the projection screen.
2. Begin projecting your mobile device's screen to the LED projector.

From iOS devices

1. Turn on Wi-Fi and select your LED projector's SSID (as shown on the projection screen) from the network list.
2. Enter the projector password (as shown on the projection screen) to connect.
3. Tap **Screen Mirroring** and connect to your LED projector's SSID as shown on the projection screen.
4. Begin projecting your mobile device's screen to the LED projector.

From Windows laptop

1. Press the shortcut Windows Key ( or ) + K.
2. Select your LED projector's SSID (as shown on the projection screen) from the device list.
3. Enter the projector password (as shown on the projection screen) to connect and start mirroring.

From MacBook

1. Select your LED projector's SSID (as shown on the projection screen) from the Wi-Fi list on your MacBook.
2. Enter the projector password (as shown on the projection screen) to connect.
3. Open your browser and type the URL (<http://192.168.xxx.xxx>) as shown on the projection screen in the address bar. You will be directed to a web page to connect your LED projector to the Wi-Fi network.

NOTE:

- Ensure your device and LED projector are connected to the same Wi-Fi network before you continue to the next step.
- To connect to a different Wi-Fi network, repeat step 3 and select the Wi-Fi network you prefer on the web page.

4. Open Control Center on your Mac and select **Screen Mirroring**. From the device list, select your LED projector to start mirroring.

Scan the QR code to watch the instruction video:



Streaming


Streaming from YouTube or Facebook video

Standard settings

1. Turn on Wi-Fi and select your LED projector's SSID (as shown on the projection screen) from the network list.
2. Enter the projector password (as shown on the projection screen) to connect.
3. Open your browser and type the URL (<http://192.168.xxx.xxx>) as shown on the projection screen in the address bar. You will be directed to a web page to connect your LED projector to the Wi-Fi network.

NOTE:

- Ensure your device and LED projector are connected to the same Wi-Fi network before you continue to the next step.
 - To connect to a different Wi-Fi network, repeat step 3 and select the Wi-Fi network you prefer on the web page.
-

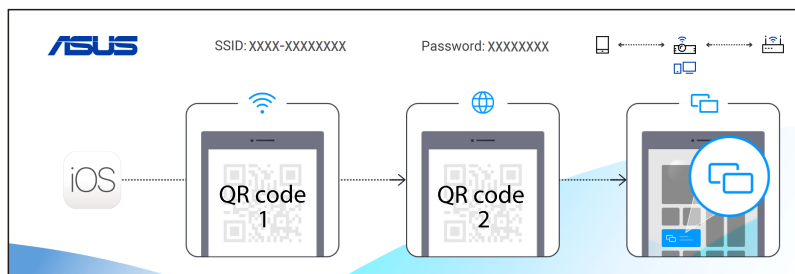
4. Open the YouTube or Facebook app, then tap the **Cast** button  on the video screen. From the device list, select your LED projector to stream to.
5. Once connected, select the video you wish to watch and tap **Play**. Your content will start playing from the projector.

Scan the QR code to watch the instruction video:




Quick settings (on selected models)

NOTE: If you have trouble establishing the connection by scanning the QR code, please follow the standard settings.



1. Scan QR code 1 on the projection screen, then your mobile device will connect to your LED projector.
2. Scan QR code 2 on the projection screen, then your LED projector will connect to the Wi-Fi network.

NOTE:

- Ensure your mobile device and LED projector are connected to the same Wi-Fi network before you continue to the next step.
 - To connect to a different Wi-Fi network, repeat step 3 and select the Wi-Fi network you prefer on the web page.
3. Open the YouTube app, then tap the **Cast** button  at the top of the Home screen. From the device list, select your LED projector to stream to.
 4. Once connected, tap **Play** and your content will start playing from the projector.

Onscreen display menu options

You may refer to the following pages for details on each of the onscreen display menu options.

Volume


Select this menu option to adjust the volume of the audio file played on your LED projector.

You may adjust the volume on a scale of **0** to **10**, and you may also press and hold ◀◀ or ▶▶ to quickly mute or adjust the volume to the loudest.

Input

Select this menu option to configure the input source for your LED projector.

Splendid

Select this menu option to activate different display modes. You may also directly launch this menu option by pressing .

Available options:

Plugged to a power source - **Standard, Theater, Presentation**

Battery mode - **High, Middle, Low**

Brightness

Select this menu option to adjust the brightness of your projection on screen. You may adjust the brightness on a scale of **0** to **10**, from darkest to brightest.

Contrast

Select this menu option to adjust the light and dark areas of your projection on screen. You may adjust the contrast on a scale of **0** to **10**, from the lowest to the highest possible color contrast.

Keystone

Select this option to adjust the keystone of your projection onscreen.

NOTE: If you wish to enable the Auto Keystone feature after manual adjustment, go to **Setup** and turn on **Auto Keystone**.

Projector Position

This option allows you to change the way your projections are oriented on screen based from the current location of your LED projector.

You may change your projection's orientation to correspond with the location where your LED projector is currently placed: **Front Table**, **Rear Table**, **Front Ceiling** and **Rear Ceiling**.

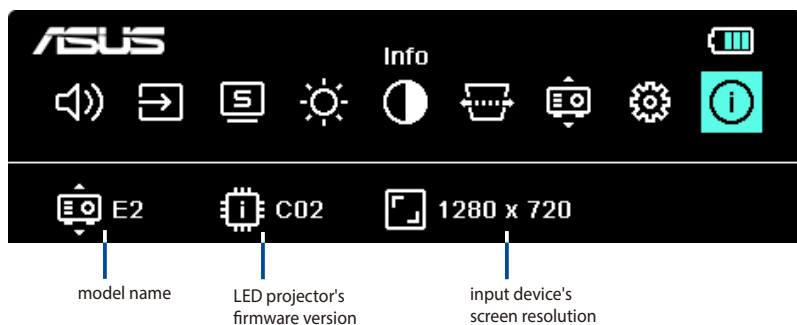
Setup

Select this menu option to configure the following settings of your LED projector:

- **Language** - This option allows you to set the LED projector's onscreen display menu to other languages.
- **Reset** - This option restores the default settings of your LED projector or Wi-Fi network.
- **Auto Keystone** - This option allows you to enable or disable auto keystone correction.
- **Auto Ceiling Detection** - This option allows you to enable or disable auto ceiling detection.
- **Auto Power** - This option allows you to enable or disable the auto power on feature when your LED projector is connected to an HDMI device and plugged to a power source using its power adapter.
- **OSD Timeout** - This option allows you to set the number of seconds before the onscreen display menu disappears from your projection screen.
- **Power Timeout** - This option allows you to select **Auto** (15 minutes) or set the number of minutes with no HDMI signal before your LED projector shut down automatically.

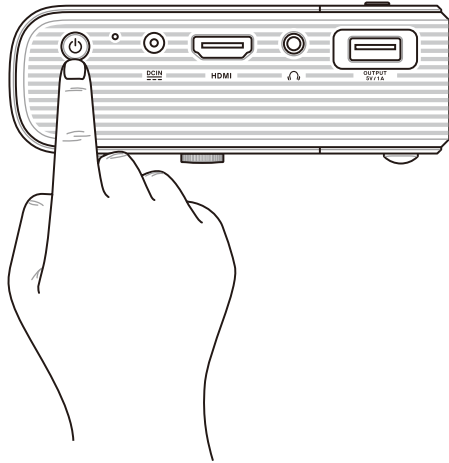
Information

Select this menu option to see an overview of information about your LED projector.



Turning off your LED projector

1. Press the power button.



2. When the following screen appears, press the power button again to completely turn off your LED projector. If you need to turn on your LED projector again immediately after turning it off, please wait until the Power indicator and battery status indicator lights off.



NOTE: For safety purposes, charging the battery of your LED projector may not immediately start after the device is powered off. Once the projector cools off, charging its battery automatically begins.

Appendices

Federal Communications Commission Statement

Responsible Party: Asus Computer International
Address: 48720 Kato Rd., Fremont, CA 94538, USA
Phone / Fax No: (510)739-3777 / (510)608-4555
Product name: LED projector
Model: E2

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the Federal Communications Commission (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 distance between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit than that which the receiver is connected to.
- Consult the dealer or an experienced radio/TV technician for help.

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 that may cause undesired operation.

Regional notice for California

This product contains chemicals, including lead, known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling.

Canadian Department of Communications Statement

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

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

Global Environmental Regulation Compliance and Declaration

ASUS follows the green design concept to design and manufacture our products, and makes sure that each stage of the product life cycle of ASUS product is in line with global environmental regulations. In addition, ASUS disclose the relevant information based on regulation requirements.

Please refer to <http://csr.asus.com/english/Compliance.htm> for information disclosure based on regulation requirements ASUS is complied with:

Japan JIS-C-0950 Material Declarations

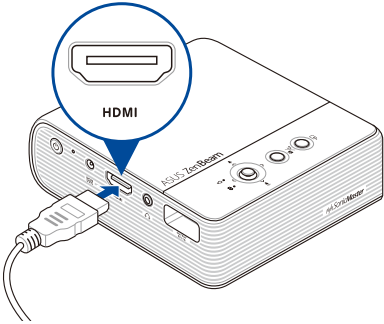
EU REACH SVHC

Korea RoHS

ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components as well as the packaging materials. Please go to <http://csr.asus.com/english/Takeback.htm> for detailed recycling information in different regions.

HDMI Connectivity



	<p>Devices with HDMI port</p>	<ul style="list-style-type: none"> • HDMI to HDMI Cable
	<p>Devices with micro HDMI port</p>	<ul style="list-style-type: none"> • Micro HDMI to HDMI Adapter • HDMI to HDMI Cable
	<p>iOS devices with Lightning™ port</p>	<ul style="list-style-type: none"> • Lightning™ Digital AV Adapter • HDMI to HDMI Cable
	<p>Devices with USB 3.2 Gen 2 Type-C® port</p>	<ul style="list-style-type: none"> • USB 3.2 Gen 2 Type-C® Digital AV Adapter • HDMI to HDMI Cable

Supported PC Timings

HDMI (PC)

Mode	Resolution	Refresh rate (Hz)	H-frequency (kHz)	Clock (MHz)
VGA	640x480	60.0	31.5	25.175
SVGA	800x600	60.0	37.9	40.000
XGA	1024x768	60.0	48.4	65.000
SXGA	1280x1024	60.0	64.0	108.000
SXGA+	1400x1050	60.0	65.3	101.000
UXGA	1600x1200	60.0	75.0	162.000
PowerBook G4	640x480	60.0	31.4	25.175
PowerBook G4	800x600	60.0	37.9	40.000
PowerBook G4	1024x768	60.0	48.4	65.000

HDMI (Extended Wide timing)

Mode	Resolution	Refresh rate (Hz)	H-frequency (kHz)	Clock (MHz)
WXGA	1280x720	60.0	44.8	74.250
	1280x800	60.0	49.6	71.000
QuadVGA	1280x960	60.0	59.7	108.000
	1680x1050	60.0	65.3	119.000
WSXGA+	1920x1080 (1080P)	60.0	67.5	148.500
	1366x768	60.0	47.7	72.000

HDMI (Video)

Timing	Resolution	V-frequency (Hz)	H-frequency (kHz)	Dot Clock Frequency (MHz)
480i	720(1440)x480 16:9	59.94(29.97)	15.7	27.000
576i	720x576 (1440x576)16:9	50(25)	15.6	27.000
480p	720x480 16:9	59.9	31.5	27.000
576p	720x576 16:9	50.0	31.3	27.000
720p	1280x720	60.0	45.0	74.250
720p	1280x720	50.0	37.5	74.250
1080i	1920x1080	60(30)	33.8	74.250
1080i	1920x1080	50(25)	28.1	74.250
1080p	1920x1080	23.97/24	27.0	74.250
1080p	1920x1080	60.0	67.5	145.500
1080p	1920x1080	50.0	56.3	145.500
1080p	1920x1080	25.0	28.1	74.250
1080p	1920x1080	30.0	33.8	74.250
Graphic source monitor range limits	Horizontal scan rate: 15k-75kHz			
	Vertical scan rate: 24-60Hz			
	Max. pixel rate: 170MHz (digital)			

Specifications for E2 LED projector

Display	Display Technology	0.2" DLP®
	Light Source	R/G/B LED
	Light Source Life	30,000 hrs
	True Resolution (native)	FWVGA 854 x 480
	Light Output	300 LED Lumens
	Contrast Ratio (typical)	400:1
	Color Saturation (NTSC)	100%
	Display Colors	16.7 million colors
Projection Lens	Throw Ratio	1.3:1 (35 in. @1 m @16:9)
	Projection Distance	0.76 m to 2.54 m
	Projection/Screen Size	30 in. to 100 in.
	Projection Offset	100%
	Zoom Ratio	Fixed
Video Features	Picture Modes	Standard, Theater, Presentation
	Keystone Adjustment	Vertical ±40°
	Auto Keystone	Yes
	Projector Placement	Front Table, Rear Table
Audio Features	Built-in speakers	5W speaker (ASUS SonicMaster Audio technology)

(continued on the next page)

Signal Frequency	Digital Signal Frequency	24.7 KHz(H) to 74.6 KHz(H) / 50 Hz(V) to 60 Hz(V)
Power	Power On Mode	≤36.5W
	Standby Mode	<0.5W
Battery	Internal Battery	6000mAh (5V@1A)
	Battery Life	Up to 4 hours
Noise	Acoustic Noise	30 dB (Standard mode)
		28 dB (Theater mode)
Input / Output	PC Signal Input	HDMI 1.3 (compatible to 1.4)
	Audio Out	Earphone out
	USB 2.0 port for power output	Yes (5V@1A)
Mechanical Design	Chassis Colors	Golden
	Tripod Socket	Yes
	On-machine Buttons	Yes
	Lens Cover	No
Dimension	Physical Dimension	107.5 mm x 110 mm x 39.5 mm (L x W x H)
Weight	Net Weight (Esti.)	410 g

(continued on the next page)

Operating Temperature	0° C to 40° C
Operating Humidity	20% to 90%
Accessories	Carry Bag, Power Adapter, AC Plug, HDMI Cable, Dongle, Quick Start Guide, Warranty Card
Regulation Approvals	FCC / CE / CB / CCC / RCM / VCCI / CU / IEC62471 / CEC

NOTE:

- Specifications are subject to change without prior notice.
 - Product availability may vary by region.
 - All brand and product names mentioned are trademarks of their respective companies.
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