Acer Projector

XL2520/FL052/LU-X110F/PF-L110F/XL2521i/
LU-X320Fi /PF-L320Fi/FL056i/XL2521pi/XL2521i+/
HL6521pi/D1P2527/HL6522i/HL6522i+/XL2520i/
D1P2204/XL2320W/FL022/LU-X110W/PF-L110W/
DWX2202/XL2220/FL012/LU-X110X/PF-L110X/
DNX2201/PL2520i/FL153/LU-P210F/PF-L210F/
PL2520/VL7530i/D1P2207/XL2330W/PL2330W/
FL124/LU-P220W/PF-L220W/DWX2415/FL023/
LU-X111W/PF-L111W/DWX2302/XL2530/FL053/
LU-X111F/PF-L111F/XL2530i/D1P2303/PL2530i/
PL2535i/ FL155/ LU-P221F/ PF-L221F/ PL2530it/
PL2535it/FL154/LU-P220F/PF-L220F/PL2530/
D1P2304/XL2332/SL2520n/LU-S320F/PS-L320F/
FL156Sn/SL2520n+/G552n/SL2520np/HL6520STn/
D1P2508/XL2521/LU-X320F/PF-L320F/FL056/
XL2521p/XL2521+/HL6521/HL6521p/D1P2506/
XL2320p/LU-X320W/PF-L320W/FL026/XL2320/
XL2320+/DWX2505/PL2521i/LU-P330F/PF-L330F/
FL156/PL2521i+/HL6521i/HL6521i+/D1P2507/
HL6810G/HL6810G+/HL-4K05/HL6810p/PL2810G/
HL-4K20/EL6800/FL360/D4K2418/PL2520pi

User's Guide

Model number: _____

Serial number: _____

Date of purchase: _____

Place of purchase: _____

HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

Information for your safety and comfort

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

Turning the product off before cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Caution for plug as disconnecting device

Observe the following guidelines when connecting and disconnecting power to the external power supply unit:

- Install the power supply unit before connecting the power cord to the AC power outlet.
- Unplug the power cord before removing the power supply unit from the projector.
- If the system has multiple sources of power, disconnect power from the system by unplugging all power cords from the power supplies.

Caution for Accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power to the equipment, be sure to unplug the power cord from the electrical outlet.

⚡ Warning!

- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface.
- This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
- Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind onto or into the product.
- To avoid damage of internal components and to prevent battery leakage, do not place the product on a vibrating surface.
- Never use it under sporting, exercising, or any vibrating environment which will probably cause unexpected short current or damage rotor devices.

Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.
- This product's AC adapter is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the AC adapter plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.

    ⚡ **Warning!** The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.

    Note: *The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.*

- Use the product only with the supplied power supply cord set. If you need to replace the power cord set, make sure that the new power cord meets the following requirements: detachable type, UL listed/CSA certified, VDE approved or its equivalent, 4.5 meters (15 feet) maximum length.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions

> **Note:** *Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.*

⚡ **Warning!** For safety reasons, do not use non-compliant parts when adding or changing components. Consult your reseller for purchase options.

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

Additional safety information

- Do not look into the projector's lens when the light is on. The bright may hurt your eyes.
- Turn on the projector first and then signal sources
- Do not place the product in following environments:
  - Space that is poorly ventilated or confined. At least 50cm clearance from walls and free flow of air around the projector is necessary.
  - Locations where temperatures may become excessively high, such as inside of a car with all windows rolled up.
  - Locations where excessive humidity, dust, or cigarette smoke may contaminate optical components, shortening the life span and darkening the image.
  - Locations near fire alarms.
  - Locations with an ambient temperature above 40ºC / 104ºF.
  - Locations where the altitudes are higher than 10000 feet.
- Unplug immediately if there is something wrong with your projector. Do not operate if smoke, strange noise or odor comes out of your projector. It might cause fire or electric shock. In this case, unplug immediately and contact your dealer.
- Do not keep using this product to break or drop it. In this case contact your dealer for inspection.
- Do not face the projector lens to the sun. It can lead to fire.
- When switching the projector off, suggest to ensure the projector completes its cooling cycle before disconnecting power.
- Do not frequently turn off the main power abruptly or unplug the projector during operation. The best way is to wait for the fan to turn off before turning main power off.
- Do not touch air outlet grille and bottom plate which becomes hot.
- Do not look into the air outlet grille when projector is operating. It may hurt your eyes.
- Always open the lens shutter or remove the lens cap when the projector is on.
- Do not block the projector lens with any object when the projector is under operation as this could cause the object to become heated and deformed or even cause a fire.
- Do not attempt to disassemble this projector. There are dangerous high voltages inside which may hurt you. Refer servicing only to suitable qualified professional service personnel.
- Do not stand the projector on end vertically. It may cause the projector to fall over, causing injury or damage.
- 360° projection capability
  Images can be projected over a full 360° range along the vertical axis, including reproduction on a ceiling or floor.
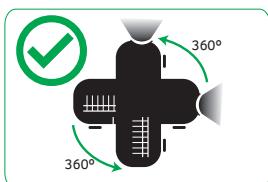
Portrait projection

Do not use the projector with it leaning to the left and right. This may result in a malfunction, however, portrait installation is possible.

Note:

- *Please do not install the projector in a vertical orientation on the top of the floor or table on its own. The intake vent may be obstructed, resulting in the projector getting warm and the possibility of fire and malfunction occurring.*
- *When operating the projector in an enclosed space, allow at least 30 cm clearance around the intake and exhaust vents.*

Caution for Listening

To protect your hearing, follow these instructions.

- Increase the volume gradually until you can hear clearly and comfortably.
- Do not increase the volume level after your ears have adjusted.
- Do not listen to music at high volumes for extended periods.
- Do not increase the volume to block out noisy surroundings.
- Decrease the volume if you can't hear people speaking near you.

Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit http://www. acer-group.com/public/Sustainability/sustainability01.htm

Do not stare into the beam

IEC 60825-1:2014, EN 60825-1:2014+A11:2021, EN 50689:2021 CLASS 1 CONSUMER LASER PRODUCT RISK GROUP 2.

IEC 60825-1:2014 等級1雷射產品RG2危險等級
IEC 60825-1:2014 1类激光产品RG2危险等级

Laser Notice

IEC 60825-1:2014, EN 60825-1:2014+A11:2021: CLASS1 LASER PRODUCT- RISK GROUP 2

The product's intended use as a consumer laser product and compliant with EN 50689:2021.

CLASS 1 CONSUMER LASER PRODUCT

EN 50689:2021

Do not stare into beam, RG2

As with any bright source, do not stare into the direct beam, RG2 IEC 62471-5:2015.

WARNING: MOUNT ABOVE THE HEADS OF CHILDREN!
Do not look into the beam less than 1m.
No direct eye exposure to the beam is permitted.

"AVERTISSEMENT:INSTALLER AU-DESSUS DE LATETE DES ENFANTS."
Avertissement supplémentaire contre l'exposition oculaire pour des
expositions à une distance de moins de 1m.

「警告：安裝高於兒童頭頂！」
請勿在距離小於1米的範圍內直視光束，嚴禁眼睛直接暴露於光束中。

「警告：安裝高于儿童头顶！」
请勿在距离小于1米的范围内直视光束，严禁眼睛直接暴露于光束中。

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

Caution for remote button battery

1. Do not ingest battery, Chemical Burn Hazard.
2. This product contains a coin / button cell battery.
3. If the coin / button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
4. Keep new and used batteries away from children.
5. If the battery compartment does not close securely, stop using the product and keep it away from children.
6. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

⚠ WARNING	
• **INGESTION HAZARD**: **DEATH** or serious injury can occur if ingested. • A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours.** • KEEP new and used batteries **OUT OF REACH OF CHILDREN** • **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body. • For treatment information call: [phone number for the National Battery Ingestion Hotline, currently 1-(800) 498-8666].	

First things first

Usage Notes

Do:
- Turn off the product before cleaning.
- Use a soft cloth moistened with mild detergent to clean the displayhousing.
- Disconnect the power plug from AC outlet if the product is not being used for a long period of time.

Don't:
- Block the slots and openings on the unit provided for ventilation.
- Use abrasive cleaners, waxes or solvents to clean the unit.
- Use under the following conditions:
  - In extremely hot, cold or humid environments.
  - In areas susceptible to excessive dust and dirt.
  - Near any appliance that generates a strong magnetic field.
  - Place In direct sunlight.

Precautions

Follow all warnings, precautions and maintenance as recommended in this user's guide to maximize the life of your unit.

⚡ Warning!
- Do not look into the projector's lens when the light is on. The bright may hurt your eyes.
- To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.
- Please do not open or disassemble the product as this may cause electric shock.
- When switching the projector off, please ensure the projector completes its cooling cycle before disconnecting power.
- Turn on the projector first and then the signal sources.
- Do not use lens cap when projector is in operation.

Cleaning the lens
- Before cleaning the lens, be sure to turn off the projector and unplug the power cord to allow it to completely cool down for at least 30 minutes.
- Use a compressed air tank to remove the dust.
- Use a special cloth for cleaning lens and gently wipe the lens. Do not touch the lens with your fingers.
- Do not use alkaline/acid detergents or volatile solvents such as alcohol for cleaning lens. If the lens is damaged due to the cleaning process, it is not covered by the warranty.

    ⚡ **Warning!** Do not use a spray containing flammable gases to remove dust or dirt from the lens. This may cause a fire due to excessive heat inside the projector.

    ⚡ **Warning!** Do not clean the lens if the projector is warming up as this may cause the lens' surface film to peel off.

    ⚡ **Warning!** Do not wipe or tap the lens with a hard object.

Spec label location

- Spec label location are placed the following locations:

Acer PL2535i DLP Projector, EMEA

MODEL NO.: D1P2304
RESOLUTION:1080P
PART NO.: MR.JXW11.001
Mfg.Date: 2015.04.24
EAN:

4 711474 169969

SNID: 33500001859

SERIAL NO.: MRJXW11001335000125900

AT	BE	BG	CH	CY	CZ	DE
DK	EE	EL	ES	FI	FR	HR
HU	IE	IS	IT	LI	LT	LU
LV	MT	NL	PL	PT	RO	SE
SI	SK	TR	UK(NI)			

Raccolta Carta

EU importer: Acer Italy s.r.l
Viale delle Industrie 1/A, 20044 Arese (MI), Italy

Acer UK Ltd
Heathrow Boulevard III,282 Bath Road
West Drayton,Greater London,UB7 0DQ

Manufacturer: Acer Inc. 8F. 88, Sec.1
Xintai 5th Rd., New Taipei City

MADE IN CHINA

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ADDITIONAL INFORMATION 46

INTRODUCTION

Package Overview

Carefully unpack and verify that you have the items listed below under standard accessories. Some of the items under optional accessories may not be available depending on the model, specification and your region of purchase. Please check with your place of purchase. Some accessories may vary from region to region.

The warranty card is only supplied in some specific regions. Please consult your dealer for detailed information.

Standard accessories

Projector

Remote control

☑ Warranty Card
☑ Quick Start Guide

Documentation

Lens cap

Optional accessories

Power lead

Power lead

HDMI cable

WirelessProjection-Kit

Carrying case

Wireless receiver cable (EXC-CS2)

Wireless transmitter dongle (H-1)

Wireless transmitter dongle (C-1)

VGA cable
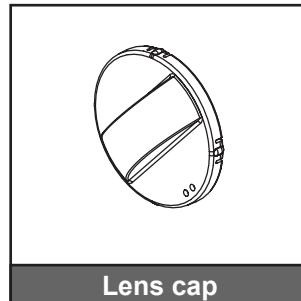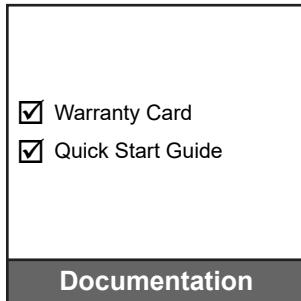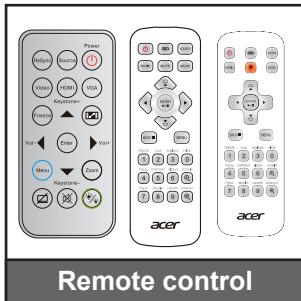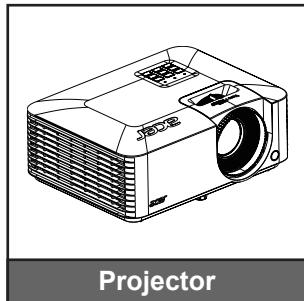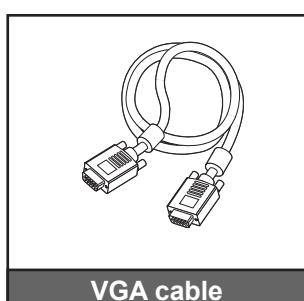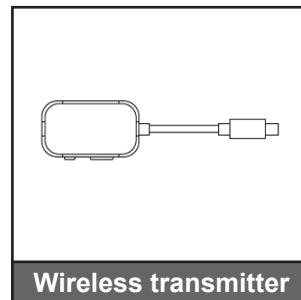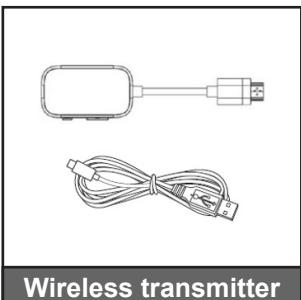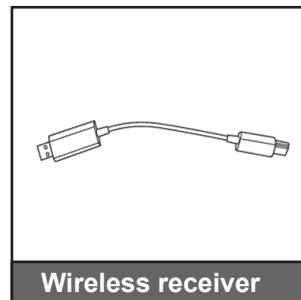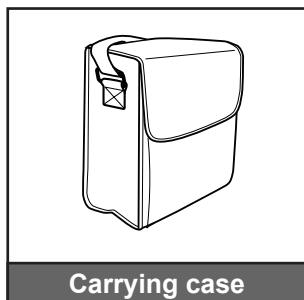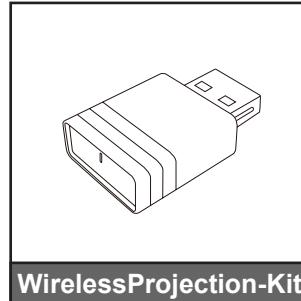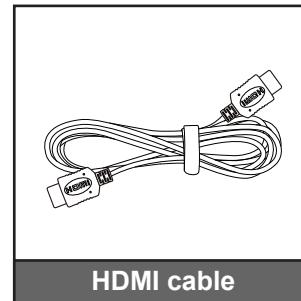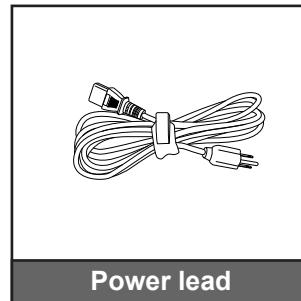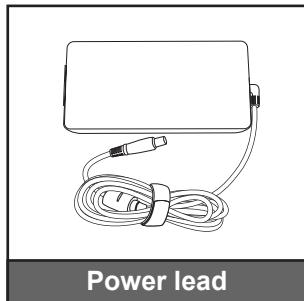
Note: *Optional accessories vary depending on model, specification and region.*

INTRODUCTION

Product Overview
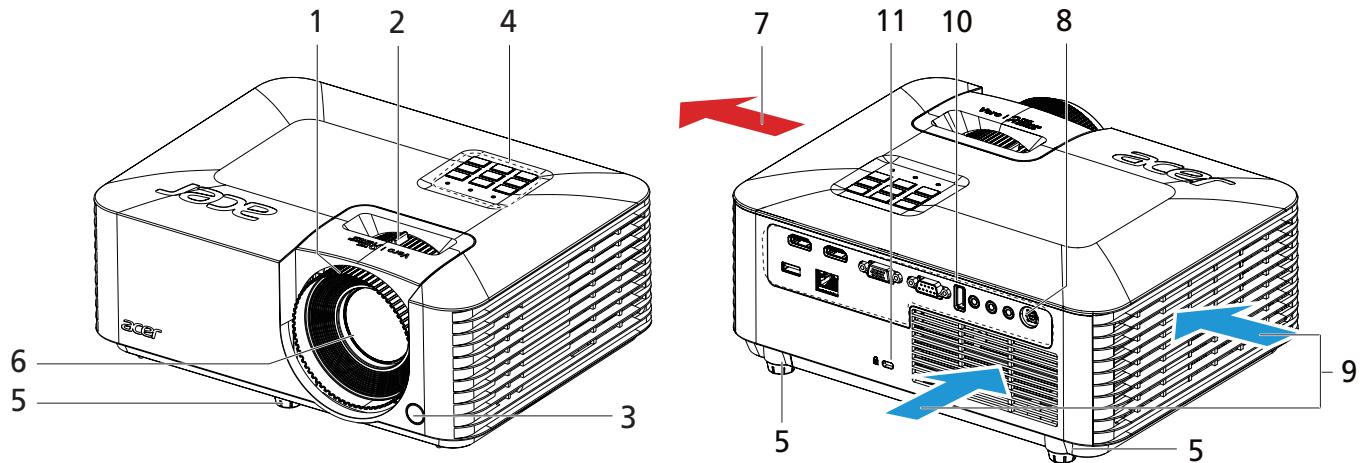
Note:

- *Do not block projector intake and exhaust vents.*
- *When operating the projector in an enclosed space, allow at least 30 cm clearance around the intake and exhaust vents.*
- *Functions vary depending on model definition.*

No.	Item	No.	Item
1.	Focus Ring	7.	Ventilation (outlet)
2.	Zoom Ring	8.	DC IN
3.	IR Receivers	9.	Ventilation (inlet)
4.	Keypad	10.	Input / Output
5.	Tilt-Adjustment Feet	11.	Kensington™ Lock Port
6.	Lens		

INTRODUCTION

Connections
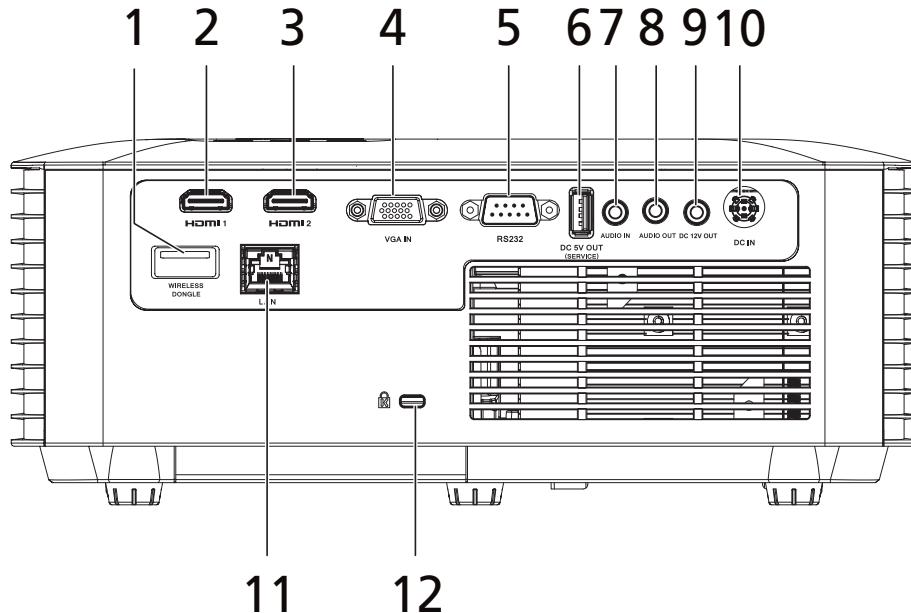
No.	Item	No.	Item
1.	USB connector (for wifi dongle)	7.	Audio in Connector
2.	HDMI 1 Connector	8.	Audio out Connector
3.	HDMI 2 Connector	9.	DC 12V out
4.	VGA in Connector	10.	DC IN
5.	RS232 Connector	11.	LAN Connector
6.	DC 5V out(service)	12.	Kensington™ lock port

Note:

- Functions vary depending on model definition.
- Smartphone charging is not supported via USB power out connector.
- Wifi dongle no support hot plug.

INTRODUCTION

Keypad
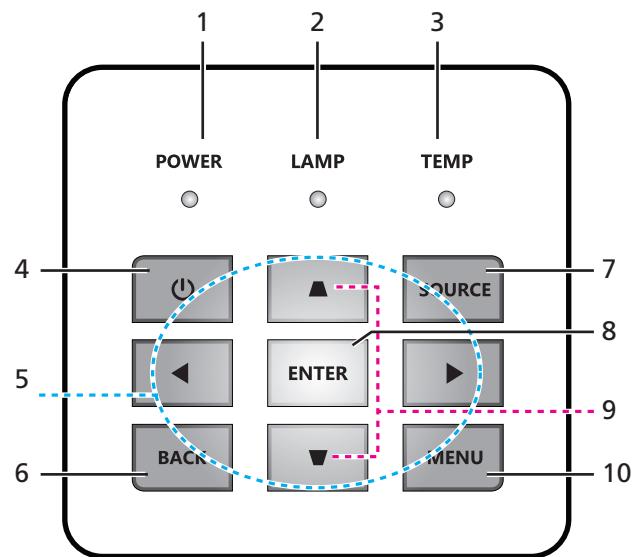
No.	Item	No.	Item
1.	Power LED	6.	Back
2.	Lamp LED	7.	Source
3.	Temp LED	8.	Enter
4.	Power	9.	Keystone Correction
5.	Four directional select keys	10.	Menu

INTRODUCTION

Remote control
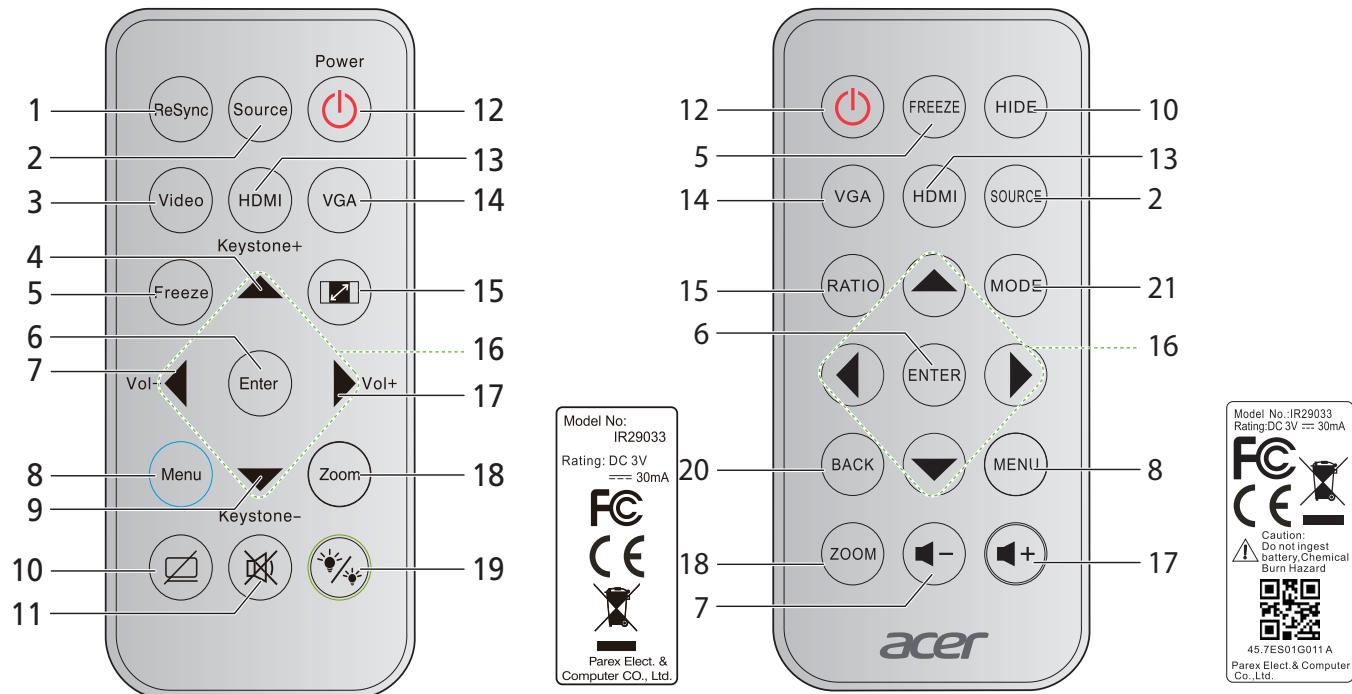
No.	Item	No.	Item
1.	ReSync	12.	Power
2.	Source	13.	HDMI
3.	Video	14.	VGA
4.	Keystone +	15.	Aspect
5.	Freeze	16.	Up/Down/Left/Right
6.	Enter	17.	Vol +
7.	Vol -	18.	Zoom
8.	Menu	19.	Brightness Mode
9.	Keystone -	20.	Back
10.	Hide	21.	Mode
11.	Mute		

Note:

- Some keys may have no function for models that do not support these features.
- Before using the remote control for the first time, remove the transparent insulation tape. See page *24* for battery installation.
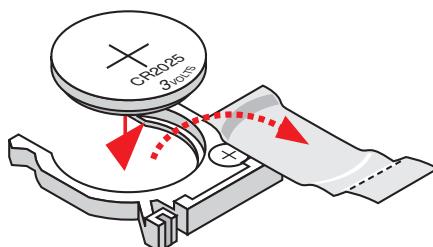
INTRODUCTION
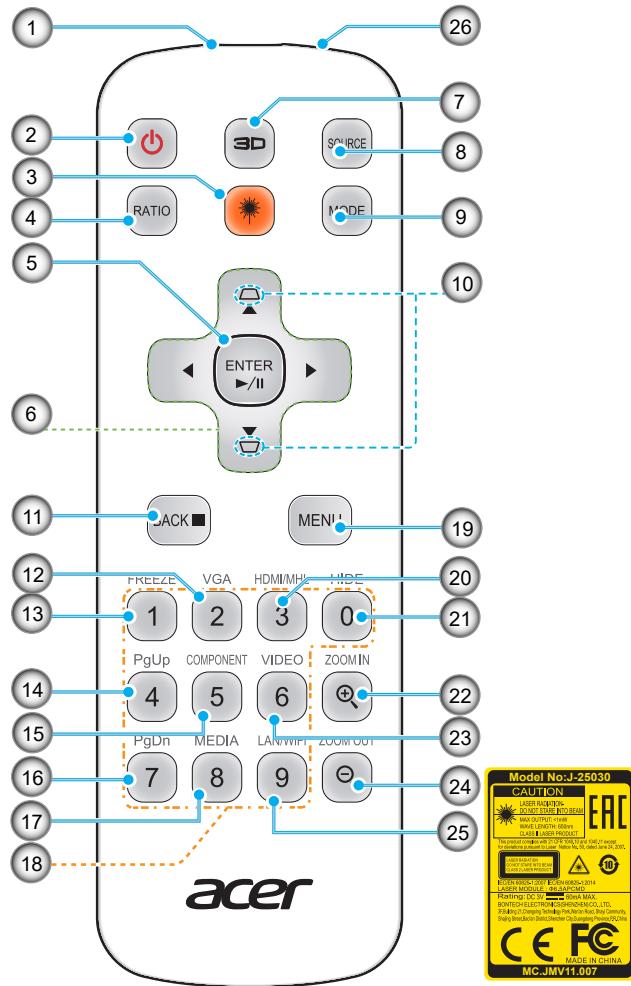
No.	Item	No.	Item
1.	Infrared transmitter	14.	PgUp (not supported)
2.	POWER	15.	COMPONENT (not supported)
3.	Laser button	16.	PgDn (not supported)
4.	RATIO	17.	MEDIA (not supported)
5.	Select/Enter	18.	KeyPad 0~9
	Play/Pause		
6.	Four directional select keys	19.	MENU
7.	3D	20.	HDMI™/MHL
8.	SOURCE	21.	HIDE
9.	MODE	22.	ZOOM IN
10.	KEYSTONE	23.	VIDEO
11.	BACK	24.	ZOOM OUT
	STOP		
12.	VGA	25.	LAN/WiFi
13.	FREEZE	26.	Laser pointer

Note: *Some keys may have no function for models that do not support these features.*

INTRODUCTION

No.	Item	No.	Item
1.	Infrared transmitter	14.	PgUp
2.	POWER	15.	COMPONENT
3.	MUTE	16.	PgDn
4.	RATIO	17.	MEDIA
5.	Select/Enter Play/Pause	18.	KeyPad 0~9
6.	Four directional select keys	19.	MENU
7.	3D	20.	HDMI™/MHL
8.	SOURCE	21.	HIDE
9.	MODE	22.	ZOOM IN
10.	KEYSTONE	23.	VIDEO
11.	BACK/STOP	24.	ZOOM OUT
12.	VGA	25.	LAN/WiFi
13.	FREEZE		

Note:

• Functions vary depending on model definition.

SETUP AND INSTALLATION

Installing the projector

Your projector is designed to be installed in one of four possible positions.

Your room layout or personal preference will dictate which installation location you select. Take into consideration the size and position of your screen, the location of a suitable power outlet, as well as the location and distance between the projector and the rest of your equipment.
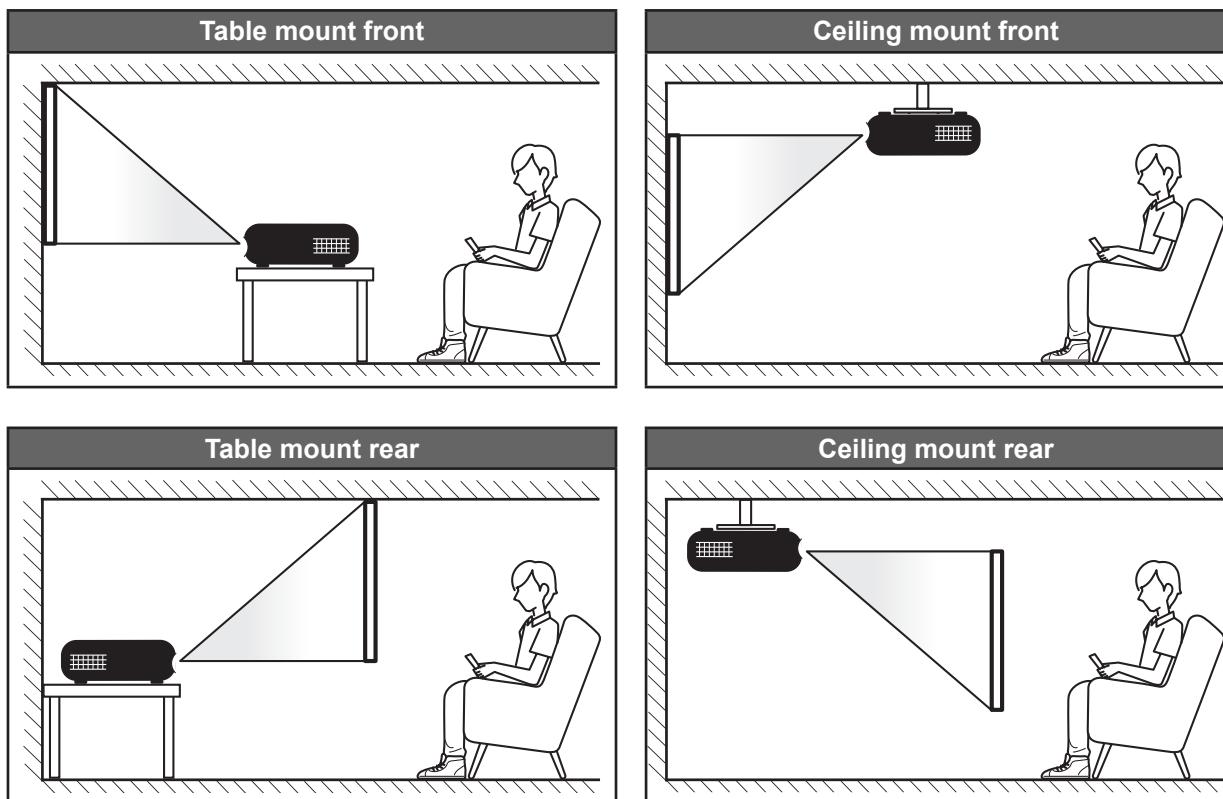
Projector should be placed flat on a surface and 90 degrees / perpendicular to the screen.

- How to determine projector location for a given screen size, please refer to distance table on page *50-53*.
- How to determine screen size for a given distance, please refer to distance table on pages *50-53*.

Note: *The further away the projector is placed from the screen the projected image size increases and vertical offset also increases proportionally.*

IMPORTANT!

Do not operate the projector in any orientation other than table top or ceiling mount. The projector should be horizontal and not tilted either forwards/backwards or left/right. Any other orientation will invalidate the warranty and may shorten the lifetime of the projector light source or the projector itself. For none standard installation advise, please contact Acer.

SETUP AND INSTALLATION

Projector installation notice

Note: *The brightness will be reduced 80% when the projection direction is downward.*

225°~315° ±5°

- Portrait mode

Air outlet side

10°
10°

10° 10°

10°
10°
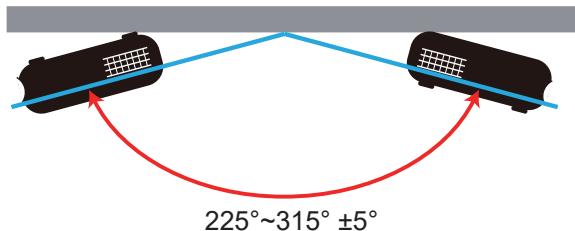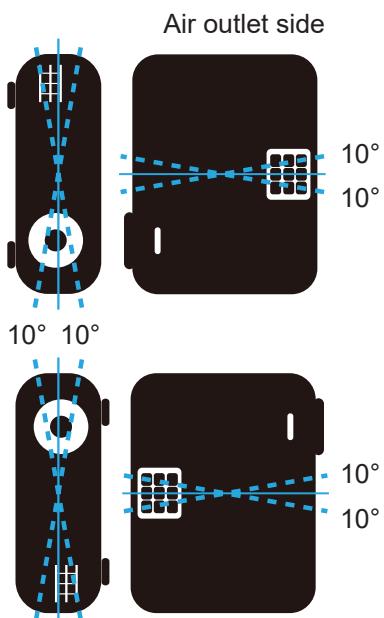
- Allow at least 30 cm clearance around the exhaust vent.

Minimum 100mm
(3.94 inches)

Minimum 300mm
(11.81 inches)

Minimum 300mm
(11.81 inches)

Minimum 100mm
(3.94 inches)

SETUP AND INSTALLATION

Minimum 100mm
(3.94 inches)

Minimum 100mm
(3.94 inches)
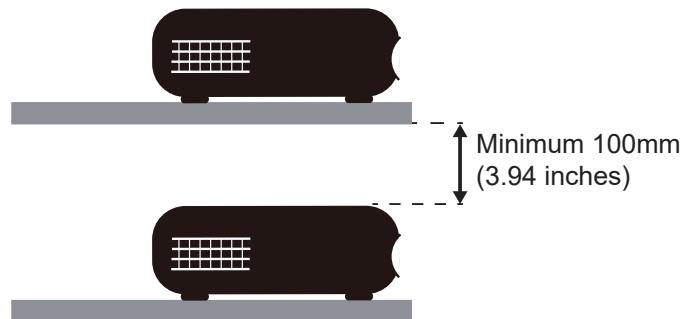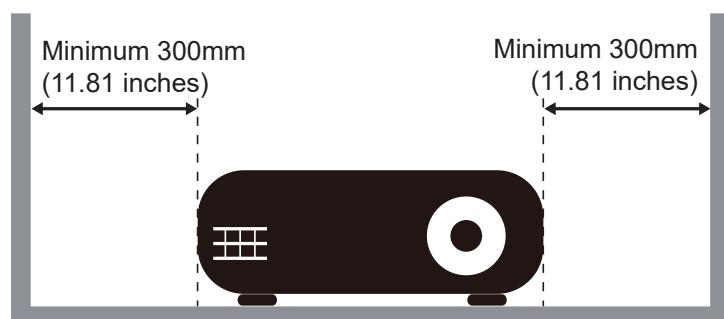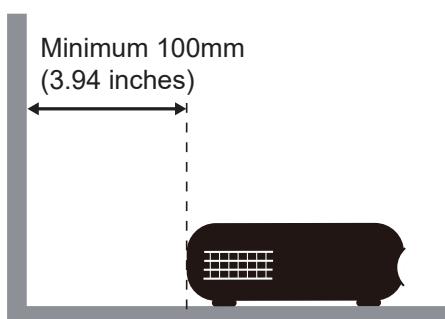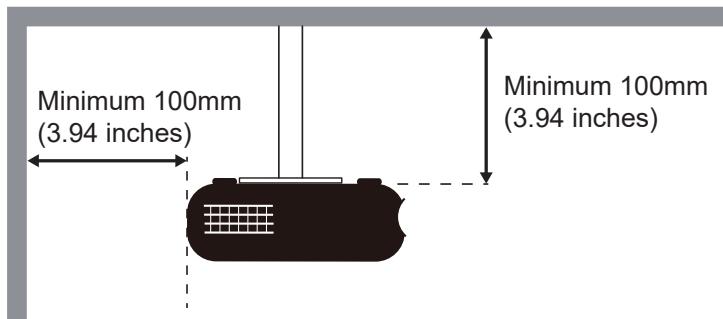
- Ensure that the intake vents do not recycle hot air from the exhaust vent.

- When operating the projector in an enclosed space, ensure that the surrounding air temperature within the enclosure does not exceed operation temperature while the projector is running, and the air intake and exhaust vents are unobstructed.

- All enclosures should pass a certified thermal evaluation to ensure that the projector does not recycle exhaust air, as this may cause the device to shutdown even if the enclosure temperature is with the acceptable operation temperature range.

SETUP AND INSTALLATION

Connecting sources to the projector
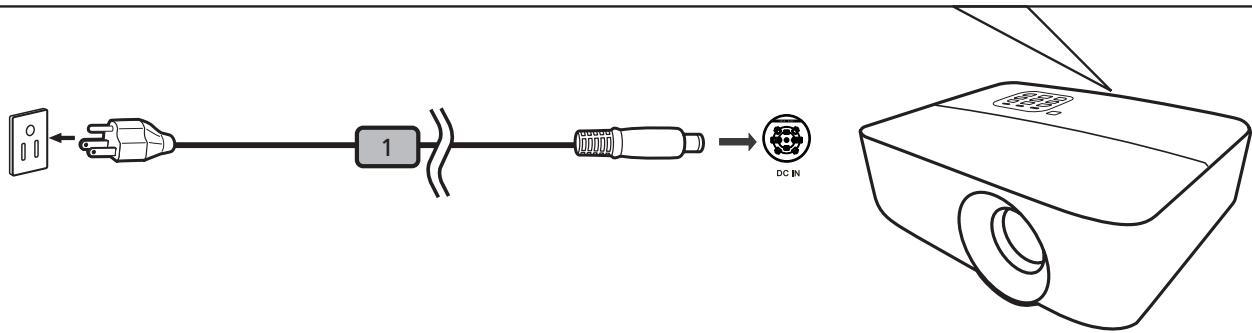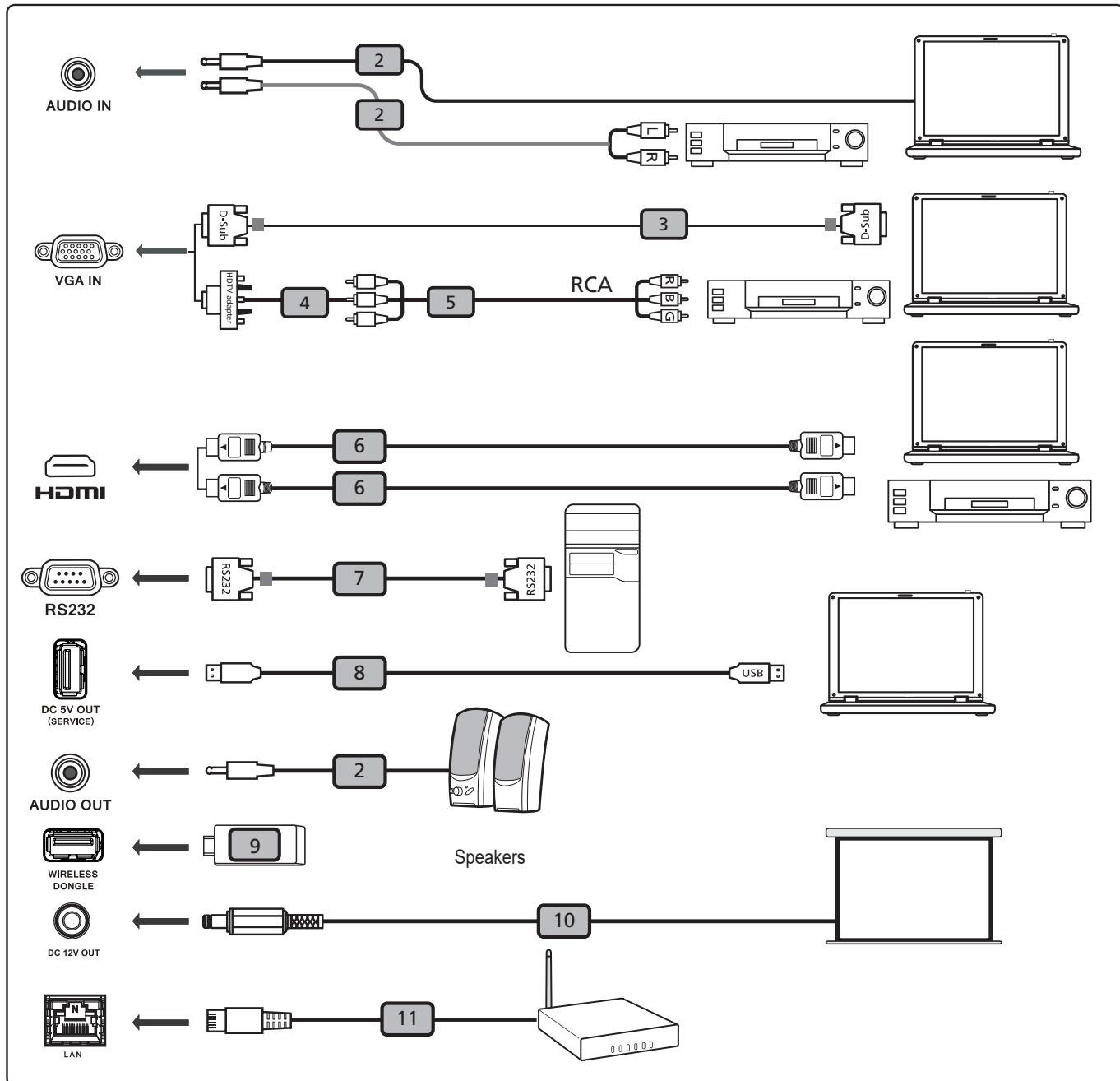
SETUP AND INSTALLATION

No.	Item	No.	Item
1.	Power cord	7.	RS232 cable
2.	Audio cable	8.	USB cable
3.	VGA cable	9.	Wireless dongle
4.	VGA to component/HDTV adapter	10.	12V DC cable
5.	3 RCA component cable	11.	LAN cable
6.	HDMI cable		

Note:

- *To ensure the projector works well with your computer, please make sure the timing of the display mode is compatible with the projector.*
- *Functions vary depending on model definition.*
- *USB cable needs powered extender if the length is over 5 m.*
- *USB DC 5V out connector support 5V power output for HDMI dongle charging.*

SETUP AND INSTALLATION

Adjusting the projector image

Image height

The projector is equipped with elevator feet for adjusting the image height.

1. Locate the adjustable foot you wish to adjust on the underside of the projector.

2. Rotate the adjustable foot clockwise or counterclockwise to raise or lower the projector.

Tilt-Adjustment Feet

Tilt-Adjustment Ring
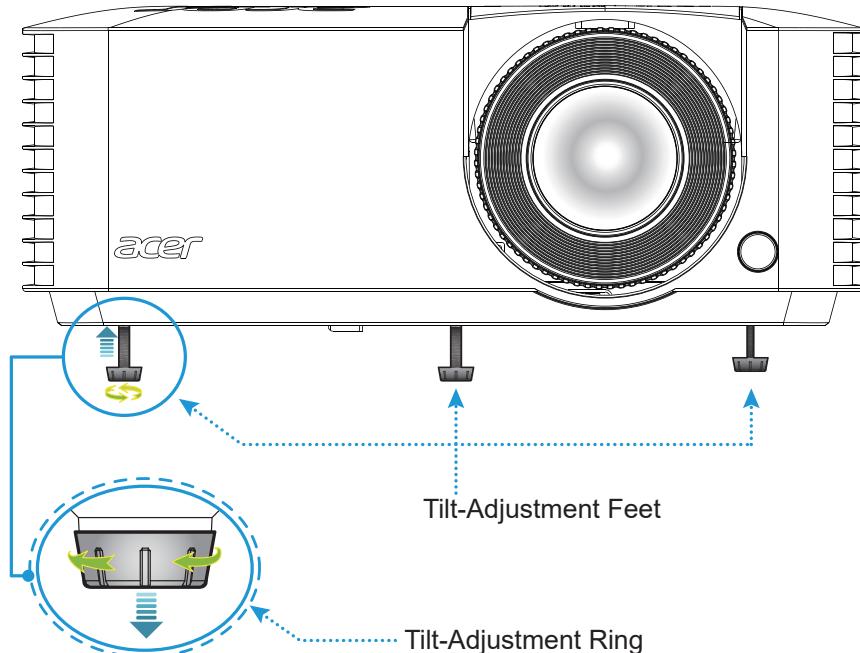
Zoom and focus

- To adjust the image size, turn the zoom ring clockwise or counterclockwise to increase or decrease the projected image size.

- To adjust the focus, turn the focus ring clockwise or counterclockwise until the image is sharp and legible.

Zoom Ring

Focus Ring
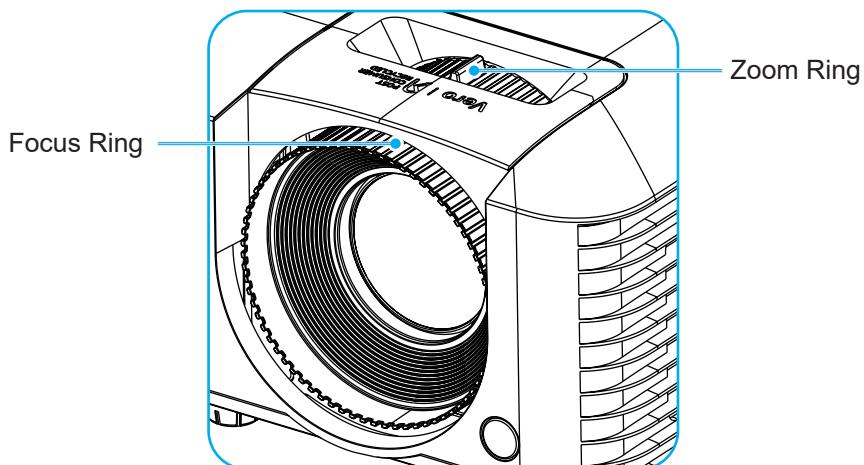
> **Note:** *Ensure that the projection screen is within the required distance from the projector. Please refer to "Image size and projection distance" on page 50 for more information.*

SETUP AND INSTALLATION

Remote setup

Installing / replacing the batteries

1. Press firmly and slide the battery cover off.	
2. Install new battery into the compartment. Remove the old battery and install new one (CR2025). Ensure that the side with a "+" is facing up.	
3. Put the cover back.	
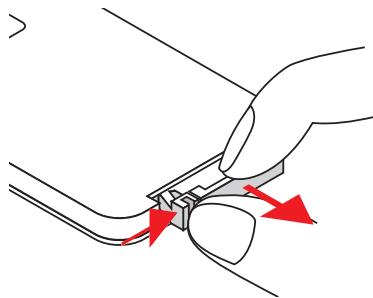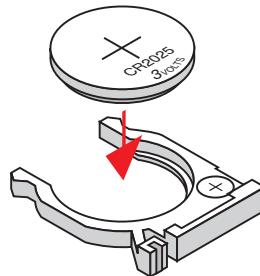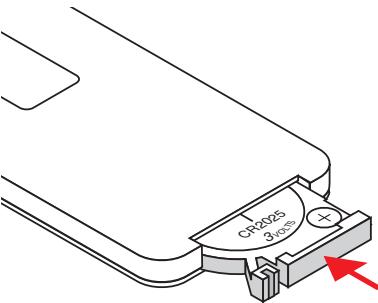
Note: *Replace only with the same or equivalent type batteries.*

CAUTION

To ensure safe operation, please observe the following precautions:

- Use CR2025 type battery.
- Avoid contact with water or liquid.
- Do not expose the remote control to moisture or heat.
- Do not drop the remote control.
- If the battery has leaked in the remote control, carefully wipe the case clean and install new battery.
- Risk of an explosion if battery is replaced by an incorrect type.
- Dispose of used battery according to the instructions.

SETUP AND INSTALLATION

Caution (Applicable models with battery)

- Replacement of a battery with an incorrect type that can defeat a safeguard;

- 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.

- Risk of fire or explosion if the battery is replaced by an incorrect type

- Do not ingest battery, Chemical Burn Hazard.

- Keep new and used batteries away from children.

- If the battery compartment does not close securely, stop using the product and keep it away from children.

- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

To install or replace batteries:

1. Press and then slide the cover to open it.
2. Align the batteries according to the (+) and (–) indications inside the battery compartment.
3. Replace the cover.
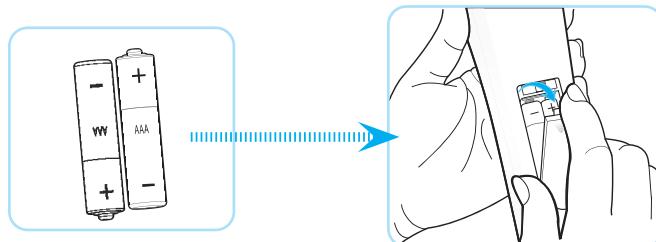
Note: *The incorrect use of batteries can result in leaks or bursting. Be sure to follow these instructions:*

- *Place "AAA" batteries matching the (+) and (–) signs on each battery to the (+) and (–) signs of the battery compartment.*

- *Do not mix battery types.*

- *Do not combine new batteries with used ones. It causes shorter life or leakage of batteries.*

- *Remove the dead batteries immediately to prevent them from liquid leaking in the battery compartment.*
  Don't touch exposed battery acid, as it can damage your skin.

- *If you do not intend to use the remote control for a long period, remove the batteries.*

SETUP AND INSTALLATION

Effective range

Infra-Red (IR) remote control sensor is located on the front sides of the projector. Ensure to hold the remote control at an angle within 30 degrees perpendicular to the projector's IR remote control sensor to function correctly. The distance between the remote control and the sensor should not be longer than 6 meters (16.4 feet).

- Make sure that there are no obstacles between the remote control and the IR sensor on the projector that might obstruct the infra-red beam.

- Make sure the IR transmitter of the remote control is not being shined by sunlight or fluorescent lamps directly.

- Please keep the remote controller away from fluorescent lamps for over 2 m or the remote controller might become malfunction.

- If the remote control is close to Inverter-Type fluorescent lamps, it might become ineffective from time to time.

- If the remote control and the projector are within a very short distance, the remote control might become ineffective.

- When you aim at the screen, the effective distance is less than 6 m from the remote control to the screen and reflecting the IR beams back to the projector. However, the effective range might change according to screens.

Approx. ±30°
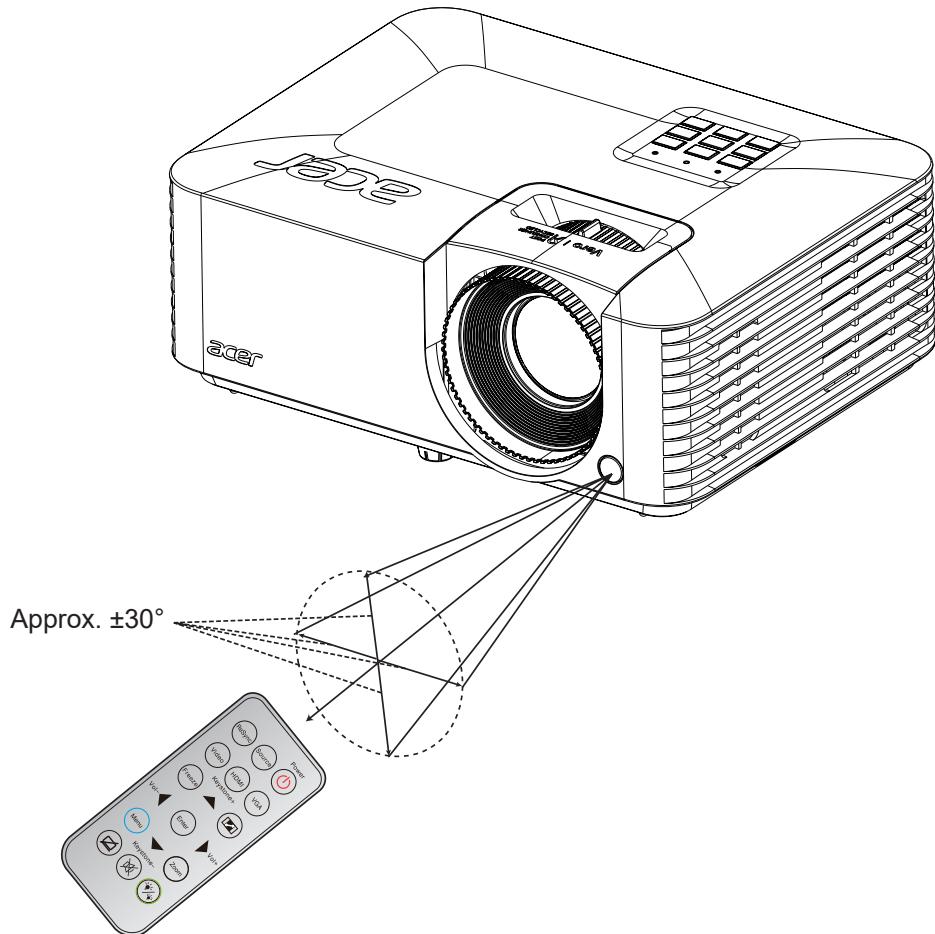
USING THE PROJECTOR

Powering on / off the projector
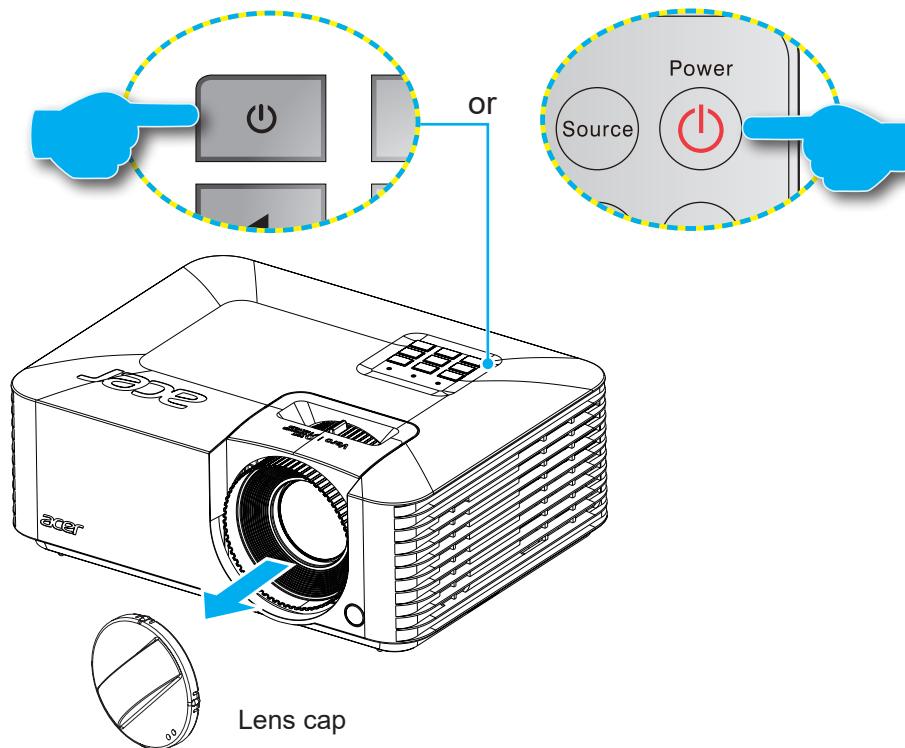
Lens cap

Powering on

1. Remove the lens cap.
2. Securely connect the power lead and signal/source cable. When connected, the Power LED will turn red.
3. Turn on the projector by pressing the ⏻ button on the projector keypad or remote control.
4. A start up screen will display in approximately 10 seconds and the Power LED will turn blue or green.

Note: *The first time the projector is turned on, you will be prompted to select the preferred language, projection orientation, and other settings.*

Powering off

1. Turn off the projector by pressing the ⏻ button on the projector keypad or remote control.
2. The following message will be displayed:

Power Off

Power Off?
Press power key again.

3. Press the ⏻ button again to confirm, otherwise the message will disappear after 10 seconds. When you press the ⏻ button for the second time, the projector will shut down.
4. When the Power turns solid red, this indicates the projector has entered standby mode. If you wish to turn the projector back on, you must wait until the cooling cycle has finished and the projector has entered standby mode. When the projector is in standby mode, simply press the ⏻ button again to turn on the projector.
5. Disconnect the power lead from the electrical outlet and the projector.

Note: *It is not recommended that the projector is turned on immediately, right after a power off procedure.*

USING THE PROJECTOR

Selecting an input source

Turn on the connected source that you want to display on the screen, such as computer, notebook, video player, etc. The projector will automatically detect the source. If multiple sources are connected, press the **Source** button on the remote control or keypad to select the desired input.

Lens cap
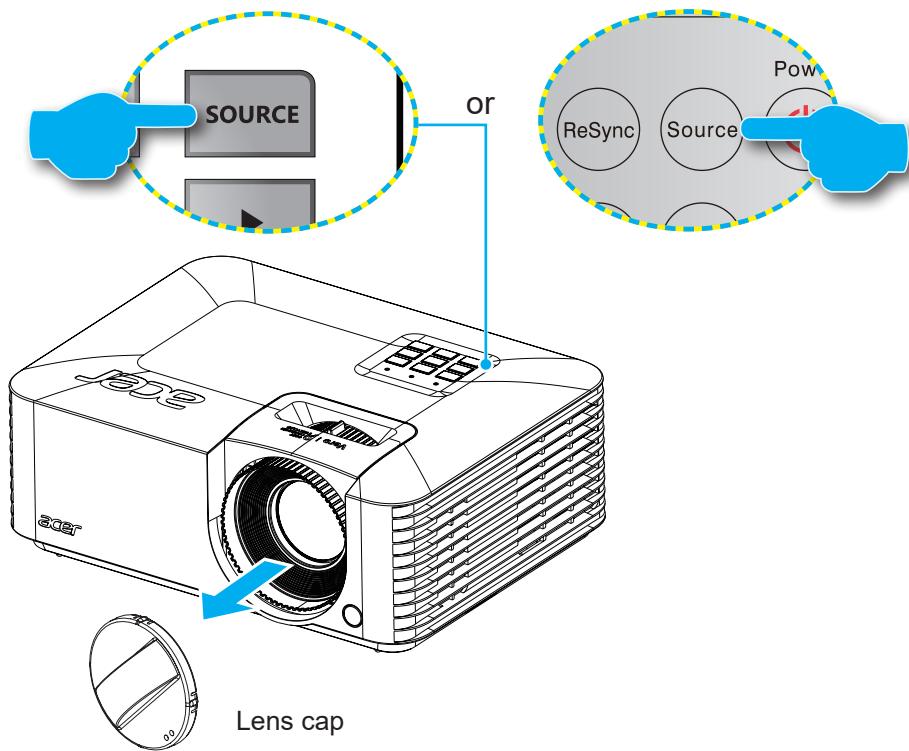
USING THE PROJECTOR

Menu navigation and features

The projector has multilingual on-screen display menus that allow you to make image adjustments and change a variety of settings. The projector will automatically detect the source.

1. To open the OSD menu, press the **Menu** button on the remote control or keypad.

2. When OSD is displayed, use ▲▼ keys to select any item in the main menu. While making a selection on a particular page, press the Enter button on the projector keypad or the remote control to enter sub menu.

3. Use ◄► keys to select the desired item in the sub menu and then press the **Enter** button to view further settings. Adjust the settings by using ◄► keys.

4. Select the next item to be adjusted in the sub menu and adjust as described above.

5. Press press the **Enter** button to confirm, and the screen will return to the main menu.

6. To exit, press the **Menu** button again. The OSD menu will close and the projector will automatically save the new settings.
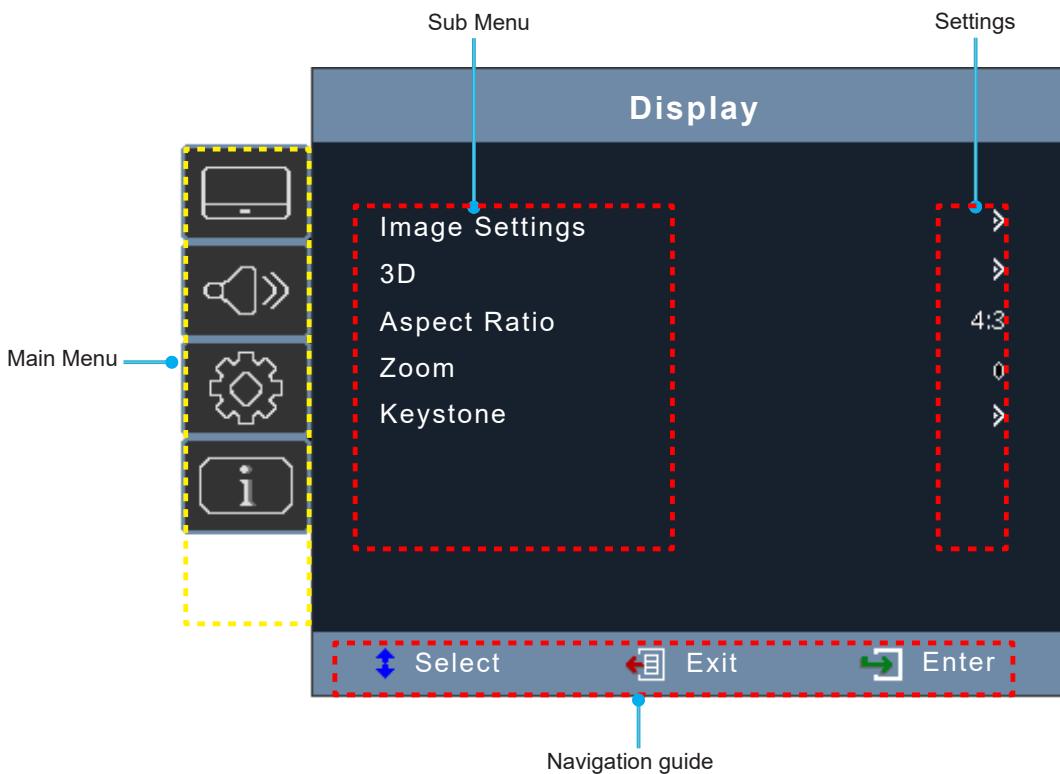
USING THE PROJECTOR

OSD Menu tree

Main Menu	Sub Menu	Sub Menu 2	Sub Menu 3	Sub Menu 4	Values
Display	Image Settings	Display Mode			Bright
					Presentation
					Movie
					Game
					Standard
					Football
					HDR SIM.
					HLG SIM.
					User
		Brightness			0 ~ 100
		Contrast			0 ~ 100
		Saturation			0 ~ 100
		Tint			0 ~ 100
		Gamma			Film
					Video
					Graphics
					Standard(2.2)
					2.2 B.E.2
		Color Settings	BrilliantColor™		1 ~ 10
			Color Temperature		CT1
					CT2
					CT3
			Color Matching	Color	Red [Default]
					Green
					Blue
					Cyan
					Yellow
					Magenta
					White(*)
				Hue / R(*)	0 ~ 100
				Saturation / G(*)	0 ~ 100
				Gain / B(*)	0 ~ 100
				Reset	Cancel [Default]
					Yes
				Exit	
			Color Space [Not HDMI Input]		Auto [Default]
					RGB
					YUV
			Color Space [HDMI Input]		Auto [Default]
					RGB(0~255)
					RGB(16~235)
					YUV

USING THE PROJECTOR

Main Menu	Sub Menu	Sub Menu 2	Sub Menu 3	Sub Menu 4	Values
Display	Image Settings	Brightness Mode			DynamicBlack
					Eco.
					Power (Power = 100%~40%)
		Signal	Automatic		Off
					On [Default]
			Frequency		-10 ~ 10 (depends on signal) [Default: 0]
			Phase		0~31 (depends on signal) [Default: 0]
			H. Position		-5 ~ 5 (depends on signal) [Default: 0]
			V. Position		-5 ~ 5 (depends on signal) [Default: 0]
		Reset			
	3D	3D Mode			Off [Default]
					On
		3D Format			Auto [Default]
					SBS
					Top and Bottom
					Frame Sequential
		3D Sync Invert			On
					Off [Default]
	Aspect Ratio				4:3
					16:9
					Full
					L. Box
					Auto [Default]
	Zoom				-5 ~ 25 [Default: 0]
					0.7X~2.0X [Default]*
	Zoom(Install)				0.7X~1.0X [Default:1]
	Image Shift				H:-100~100 V:-100~100 [Default:0]
	Low Input Lag				Off [Default]
					On
	HDR				Off, 1, 2, 3, 4
	Digital Zoom				-5 ~ 25 [Default: 0]
	Keystone	Four Corners			
		H Keystone			-30 ~30 [Default: 0]
		V Keystone			-30 ~30 [Default: 0] or -40 ~40 [Default: 0]
		Auto Keystone			On [Default]
					Off
		Reset			

USING THE PROJECTOR

Main Menu	Sub Menu	Sub Menu 2	Sub Menu 3	Sub Menu 4	Values
Audio	Mute				Off [Default]
					On
	Volume				0 ~ 10 [Default: 5]
*Functions vary depending on model definition.					
Setup	Projection				Front ◁━◁ [Default]
					Rear ◁▷
					Celing
					Rear Ceiling
	Projection Location				Auto
					Desktop
					Ceiling
	Power Settings	Auto Power On	AC Power On		Off [Default]
					On
			HDMI Power On		Off [Default]
					On
			VGA Power On		Off [Default]
					On
		Auto Shutdown (min.)			0 ~ 180 (5 min increments) [Default: 15]
	Security	Security			Off [Default]
					On
		Security Timer	Month		0 ~ 12
			Day		0 ~ 30
			Hour		0 ~ 24
		Change Password			[Default: 1234]
	HDMI Color Range				Auto
					Limited Range
					Full Range
	HDMI Scan Info				Auto
					Underscan
					Overscan
	Source Selection				Manual
					Auto
	12V Trigger				Off [Default]
					On
	Gaming	Refresh Rate			High Frame Rate
					Variable Refresh Rate
		Refresh Rate Num			Off [Default]
					On

USING THE PROJECTOR

Main Menu	Sub Menu	Sub Menu 2	Sub Menu 3	Sub Menu 4	Values
Setup	Gaming	Aim Point	Crosshair		Off [Default]
					On
			Color		White [Default]
					Red
					Green
			Icon		[Default]
	HDMI CEC	HDMI CEC			Off [Default]
					On
		RC Pass Through			Off [Default]
					On
	Test Pattern				Green Grid
					Magenta Grid
					White Grid
					White
					Off [Default]
	Options	Language			English [Default]
					Deutsch
					Français
					Italiano
					Español
					Português
					Polski
					Nederlands
					Svenska
					Norsk/Dansk
					Suomi
					繁體中文
					简体中文
					日本語
					한국어
					Русский
					Magyar
					Čeština
					عـربي
					ไทย
					Türkçe
					Tiếng Việt
					Bahasa Indonesia
					Українська

USING THE PROJECTOR

Main Menu	Sub Menu	Sub Menu 2	Sub Menu 3	Sub Menu 4	Values
Setup	Options	Auto Source			Off [Default]
					On
		High Altitude			Off [Default]
					On
		HDMI Long Cable			Off / HDMI1 / HDMI2 [Default:off]
		Logo			Default [Default]
					User
		Acer Swift Cast Pairing			Off [Default]
					On
	Reset	Reset to Default			Cancel [Default]
					Yes
Network	Lan	Network Status			
		MAC Address			
		DHCP			Off / On [Default:On]
		IP Address			192.168.0.100
		Subnet Mask			255.255.255.0
		Gateway			192.168.0.254
		DNS			192.168.0.51
		Reset			
	Control	Crestron		On	Off / On [Default:on]
		Extron		On	Off / On [Default:on]
		PJ Link		On	Off / On [Default:on]
		AMX Device Discovery		On	Off / On [Default:on]
		Telnet		On	Off / On [Default:on]
		HTTP		On	Off / On [Default:on]
Info	Serial Number				
	Model Name				
	Source				
	Resolution				
	Refresh Rate				
	Display Mode				
	Light Source Hours				
	Brightness Mode				
	Firmeware Version	System			
		MCU			
		LAN			

Note:

- *Functions vary depending on model definition.*
- *Adjusting power-related functions may increase energy consumption.*

USING THE PROJECTOR

Display menu

Display image settings menu

Note: *Functions vary depending on model definition.*

<u>Display Mode</u>

There are many factory presets optimized for various types of images.

- **Presentation**: This mode is suitable for showing in front of public in connection to the PC.
- **Bright**: Maximum brightness from PC input.
- **HDR/HLG SIM.**: Decodes and displays High Dynamic Range (HDR) and Hybrid Log Gamma(HLG) content for the deepest blacks, brightest whites, and vivid cinematic color.
- **Cinema**: Provides the best colors for watching movies.
- **Football**: For football performance
- **Golf**:For golf performance
- **User**: Memorize user's settings.
- **3D**: To experience the 3D effect, you need to have 3D glasses, make sure your PC/portable device has a 120 Hz signal output quad buffered graphics card and have a 3D Player installed.

<u>Brightness</u>

Adjust the brightness of the image.

<u>Contrast</u>

The contrast controls the degree of difference between the lightest and darkest parts of the picture.

<u>Sharpness</u>

Adjust the sharpness of the image.

<u>Color</u>

Adjust a video image from black and white to fully saturated color.

Note: *This menu option is only available if the input source is other than RGB.*

<u>Tint</u>

Adjust the color balance of red and green.

Note: *This menu option is only available if the input source is other than RGB.*

<u>Gamma</u>

Set up gamma curve type. After the initial setup and fine tuning is completed, utilize the Gamma Adjustment steps to optimize your image output.

- **Film**: For home theater.
- **Video**: For video or TV source.
- **Graphics**: For PC / Photo source.
- **Standard(2.2)**: For standardized setting.

Note:

- *These options are only available if the 3D mode function is disabled, the **Wall Color** setting is not set to **Blackboard**, and the **Display Mode** setting is not set to **DICOM SIM.**, **HDR SIM.** or **HLG SIM.***
- *In 3D mode, user can only select **3D** for **Gamma** setting.*

USING THE PROJECTOR

- *If the **Wall Color** setting is set to **Blackboard**, user can only select **Blackboard** for **Gamma** setting.*

- *If the **Display Mode** setting is set to DICOM SIM., user can only select **DICOM SIM.** for **Gamma** setting.*

- *If the **Display Mode** setting is set to **HDR SIM.** or **HLG SIM.**, user can only select **HDR SIM.** or **HLG SIM.** for **Gamma** setting.*

Color Settings

Configure the color settings.

- **BrilliantColor™**: This adjustable item utilizes a new color-processing algorithm and enhancements to enable higher brightness while providing true, more vibrant colors in picture.

- **Color Temperature**: Select a color temperature from Warm, Standard, or Cold.

- **Color Matching**: Select the following options:
  - Color: Adjust the red, green, black, cyan, yellow, magenta, and white level of the image.
  - Hue / R(red)*: Adjust the color balance of red and green.
    Note: *If the **Color** setting is set to **White**, you can adjust the red color setting.*
  - Saturation / G(green)*: Adjust a video image from black and white to fully saturated color.
    Note: *If the **Color** setting is set to **White**, you can adjust the green color setting.*
  - Gain / B(blue)*: Adjust the image brightness.
    Note: *If the **Color** setting is set to **White**, you can adjust the blue color setting.*
  - Reset: Return the factory default settings for color matching.
  - Exit: Exit the "Color Matching" menu.

- **Color Space (non-HDMI input only)**: Select an appropriate color matrix type from the following: Auto, RGB, or YUV.

- **Color Space (HDMI input only)**: select an appropriate color matrix type from the following: Auto, RGB(0-255), RGB(16-235), and YUV.

Signal

Adjust the signal options.

- **Automatic**: Configure automatically the signal (the frequency and phase items are grayed out). If automatic is disabled, the frequency and phase items will appear for tuning and saving the settings.

- **Frequency**: Change the display data frequency to match the frequency of your computer's graphic card. Use this function only if the image appears to flicker vertically.

- **Phase**: Synchronize the signal timing of the display with the graphic card. If the image appears to be unstable or flickers, use this function to correct it.

- **H. Position**: Adjust the horizontal positioning of the image.

- **V. Position**: Adjust the vertical positioning of the image.

Note: *This menu is only available if the input source is RGB/Component.*

Brightness Mode

Adjust the brightness mode settings.

- **DynamicBlack**: Use to automatically adjust the picture brightness in order to give optimum contrast performance.

- **Eco.**: Choose "Eco." to dim the projector light source which will lower power consumption and extend the light source life.

- **Power**: Choose the power percentage for brightness mode.

Reset

Return the factory default settings for color settings.

USING THE PROJECTOR

Display 3D menu

3D Mode

Use this option to disable the 3D function or select the appropriate the 3D function.

- **Off**: Select "Off" to turn off 3D mode.
- **On:** Select "On" to turn on 3D mode.

Note: *If the 2D and 3D sources enter projector at the same time, if the ghosting image appears in the 2D source, make sure to manually turn off the 3D function.*

3D Format

Use this option to select the appropriate 3D format content.

- **Auto**: When a 3D identification signal is detected, the 3D format is selected automatically.

- **SBS**: Display 3D signal in "Side-by-Side" format.

- **Top and Bottom**: Display 3D signal in "Top and Bottom" format.

- **Frame Sequential**: Display 3D signal in "Frame Sequential" format.

3D Sync Invert

Use this option to enable/disable the 3D sync invert function.

Display aspect ratio menu

Aspect Ratio

Select the aspect ratio of the displayed image between the following options:

- **4:3**: This format is for 4:3 input sources.

- **16:9**: This format is for 16:9 input sources, like HDTV and DVD enhanced for Wide screen TV.

- **LBX**: This format is for non-16x9, letterbox source and if you use external 16x9 lens to display 2.35:1 aspect ratio in full resolution.

Note:

- *Detailed informations about LBX mode:*
  - *Some Letter-Box Format DVDs are not enhanced for 16x9 TVs. In this situation, the image will not look right when displaying image in 16:9 mode. In this situation, please try to use the 4:3 mode to view the DVD. If the content is not 4:3, there will be black bars around the image in 16:9 display. For this type of content, you can use LBX mode to fill the image on the 16:9 display.*
  - *If you use an external anamorphic lens, this LBX mode also allows you to watch a 2.35:1 content (include Anamorphic DVD and HDTV film source) that supports anamorphic wide is enhanced for 16x9 Display in a wide 2.35:1 image. In this case, there are no black bars. Light source power and vertical resolution are fully utilized.*

USING THE PROJECTOR

XGA scaling table:

16:9 screen	480i/p	576i/p	1080i/p	720p	PC
4x3	Scale to 1024x768.				
16x9	Scale to 1024x576.				
Native	No scaling will be made; the image is displayed with the resolution based on input source.				
Auto	- If source is 4:3, the screen type will be scaled to 1024 x 768. - If source is 16:9, the screen type will be scaled to 1024 x 576. - If source is 15:9, the screen type will be scaled to 1024 x 614. - If source is 16:10, the screen type will be scaled to 1024 x 640.				

XGA auto mapping rule:

Auto	Input resolution		Auto/Scale	
	H-resolution	**V-resolution**	**1024**	**768**
4:3	640	480	1024	768
	800	600	1024	768
	1024	768	1024	768
	1600	1200	1024	768
Wide Laptop	1280	720	1024	576
	1280	768	1024	614
	1280	800	1024	640
SDTV	720	576	1024	576
	720	480	1024	576
HDTV	1280	720	1024	576
	1920	1080	1024	576

USING THE PROJECTOR

WXGA scaling table (screen type 16x10):

Note:

- *Supported screen type 16:9 (1280x720), 16:10 (1280x800).*
- *When screen type is 16:9, the 16x10 format becomes unavailable.*
- *When screen type is 16:10, the 16x9 format becomes unavailable.*
- *If you select auto option then the display mode will be also automatically changed.*

16 : 10 screen	480i/p	576i/p	1080i/p	720p	PC
4x3	Scale to 1066x800.				
16x10	Scale to 1280x800.				
LBX	Scale to 1280x960, then get the central 1280x800 image to display.				
Native mode	1:1 mapping centered.		1:1 mapping display 1280x800.	1280x720 centered.	1:1 mapping centered.
Auto	-Input source will be fit into 1280x800 display area and be kept its original aspect ratio. -If source is 4:3, the screen type will be scaled to 1066x800. -If source is 16:9, the screen type will be scaled to 1280x720. -If source is 15:9, the screen type will be scaled to 1280x768. -If source is 16:10, the screen type will be scaled to 1280x800.				

WXGA auto mapping rule (screen type 16x10):

Auto	Input resolution		Auto/Scale	
	H-resolution	V-resolution	1280	800
4:3	640	480	1066	800
	800	600	1066	800
	1024	768	1066	800
	1280	1024	1066	800
	1400	1050	1066	800
	1600	1200	1066	800
Wide Laptop	1280	720	1280	720
	1280	768	1280	768
	1280	800	1280	800
SDTV	720	576	1280	720
	720	480	1280	720
HDTV	1280	720	1280	720
	1920	1080	1280	720

USING THE PROJECTOR

WXGA scaling table (screen type 16x9):

16 : 9 screen	480i/p	576i/p	1080i/p	720p	PC
4x3	Scale to 960x720.				
16x9,Full	Scale to 1280x720.				
LBX	Scale to 1280x960, then get the central 1280x720 image to display.				
Native mode	1:1 mapping centered.		1:1 mapping display 1280x720.	1280x720 centered.	1:1 mapping centred.
Auto	-If this format is select, screen type will automatically become 16:9 (1280x720). -If source is 4:3, the screen type will be scaled to 960x720. -If source is 16:9, the screen type will be scaled to 1280x720. -If source is 15:9, the screen type will be scaled to 1200x720. -If source is 16:10, the screen type will be scaled to 1152x720.				

WXGA auto mapping rule (screen type 16x9):

Auto	Input resolution		Auto/Scale	
	H-resolution	V-resolution	1280	720
4:3	640	480	960	720
	800	600	960	720
	1024	768	960	720
	1280	1024	960	720
	1400	1050	960	720
	1600	1200	960	720
Wide Laptop	1280	720	1280	720
	1280	768	1200	720
	1280	800	1152	720
SDTV	720	576	1280	720
	720	480	1280	720
HDTV	1280	720	1280	720
	1920	1080	1280	720

1080p scaling table:

16:9 screen	480i/p	576i/p	1080i/p	720p	PC
4x3	Scale to 1440x1080.				
16x9	Scale to 1920x1080.				
LBX	Scale to 1920x1440, then get the central 1920x1080 image to display.				
Native mode	- 1:1 mapping centered. - No scaling will be made; the image is displayed with the resolution based on input source.				
Auto	- If auto format is selected, the screen type will automatically become16:9 (1920x1080). - If source is 4:3, the screen type will be scaled to 1440 x1080. - If source is 16:9, the screen type will be scaled to 1920x1080. - If source is 16:10, the screen type will be scaled to 1920x1200 and cut 1920x1080 area to display.				

1080p auto mapping rule:

USING THE PROJECTOR

Auto	Input resolution		Auto/Scale	
	H-resolution	**V-resolution**	**1920**	**1080**
4:3	640	480	1440	1080
	800	600	1440	1080
	1024	768	1440	1080
	1280	1024	1440	1080
	1400	1050	1440	1080
	1600	1200	1440	1080
Wide Laptop	1280	720	1920	1080
	1280	768	1800	1080
	1280	800	1728	1080
SDTV	720	576	1350	1080
	720	480	1620	1080
HDTV	1280	720	1920	1080
	1920	1080	1920	1080

4K scaling table:

16:9 screen	480i/p	576i/p	1080i/p	720p	PC
4:3	The image will be scaled to fit the screen and displayed using a 4:3 ratio.				
16:9	The image will be scaled to fit the width of the screen and the height adjusted to display the image using a 16:9 ratio.				
L.Box	Keep original signal aspect ratio and zoom in by 1.333 times.				
Full	Resize image to fit full screen by width (3840 pixels) and height (2160 pixels).				
Auto	Keep the image with original width-height ratio and maximize the image to fit native horizontal or vertical pixels.				

4K auto mapping rule:

Auto	Input resolution		Auto/Scale	
	H-resolution	**V-resolution**	**1920**	**1080**
4:3	640	480	2880	2160
	800	600	2880	2160
	1024	768	2880	2160
	1280	1024	2700	2160
	1400	1050	2880	2160
	1600	1200	2880	2160
Wide Laptop	1280	720	3840	2160
	1280	768	3600	2160
	1280	800	3456	2160
SDTV	720	576	2700	2160
	720	480	3240	2160
HDTV	1280	720	3840	2160
	1920	1080	3840	2160

USING THE PROJECTOR

Display zoom menu

Zoom

Use to reduce or magnify an image on the projection screen. After power cycling the device or reselecting the input source, the setting will return to the value previously saved in the Zoom(Intall) function.Adjustment is not possible when there is no signal.

Zoom(Install)

Use to reduce the projected image size during installation for easier screen alignment.

 Note: *Functions vary depending on model definition.*

Low Input Lag

Use this function to make the projected screen smoothly without any lag. Only support 1920 * 1080 60/120Hz.

Display keystone menu

V Keystone

Adjust image distortion vertically and make a squarer image. Vertical keystone is used to correct a keystoned image shape in which the top and bottom are slanted to one of the sides. This is intended when for use with vertically on-axis applications.

H Keystone

Adjust image distortion horizontally and make a squarer image. Horizontal Keystone is used to correct a keystoned image shape in which the left and right sides are slanted to one of the sides. This is intended for use with horizontally on-axis applications.

Auto Keystone

Correct keystone digitally to fit the projected image on the area on which you are projecting.

 Note: *The image size will reduce slightly when adjusting the horizontal and vertical keystone.*

Audio menu

 Note: *Functions vary depending on model definition.*

Audio mute menu

Mute

Use this option to temporarily turn off the sound.

- • **On:** Choose "On" to turn mute on.
- • **Off:** Choose "Off" to turn mute off.

 Note: *Mute function affects both internal and external speaker volume.*

Audio volume menu

Volume

Adjust the volume level.

USING THE PROJECTOR

Setup menu

Note: *Functions vary depending on model definition.*

Setup projection menu

Projection

Select the preferred projection between front and rear.

Projection Location

Select the projection location between auto,desktop and ceiling.

Setup power settings menu

AC Power On

Choose "On" to activate Direct Power mode. The projector will automatically power on when AC power is supplied, without pressing the "Power" key on the projector keypad or on the remote control.

HDMI Power On

Choose "On" to activate HDMI Power mode. The projector will automatically power on when a signal is detected, without pressing the "Power" key on the projector Keypad or on the remote control.

Note: *Only supported on HDMI 1 and HDMI 2.*

VGA Power On

Choose "On" to activate VGA Power mode. The projector will automatically power on when a signal is detected, without pressing the "Power" key on the projector Keypad or on the remote control.

Auto Shutdown (min.)

Sets the countdown timer interval. The countdown timer will start, when there is no signal being sent to the projector. The projector will automatically power off when the countdown has finished (in minutes).

Power Mode (Standby)

This setting is used to configure the standby mode. When set to Eco. mode, the LAN function will be disabled immediately upon entering standby. When set to Active mode, the LAN function will remain active for 20 minutes after entering standby before being disabled. When set to ErP Off mode, the LAN function will stay enabled during standby.

Setup security menu

Security

Enable this function to prompt for a password before using the projector.

- **On:** Choose "On" to use security verification when the turning on the projector.

- **Off:** Choose "Off" to be able to switch on the projector without password verification.

Security Timer

Can be select the time (Month/Day/Hour) function to set the number of hours the projector can be used. Once this time has elapsed you will be requested to enter your password again.

Change Password

Use to set or modify the password that is prompted when turning the projector on.

Note: *Password default value is "1234" (first time).*

USING THE PROJECTOR

Setup HDMI Link settings menu

Note: *When you connect HDMI CEC-compatible devices to the projector with HDMI cables, you can control them on the same power on or power off status using the HDMI Link control feature in the projector's OSD. This lets one device or multiple devices in a group power on or power off via HDMI Link Feature in a typical configuration, your DVD player may be connected to the projector through an amplifier or home theater system.*
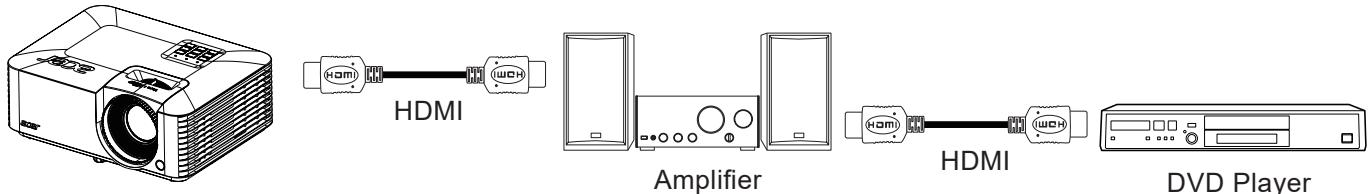
HDMI CEC

Default is Off. Select "On" to enable HDMI CEC function.

RC Pass Through

Default is Off. Select "On" to enable RC pass through function.

Setup test pattern menu

Test Pattern

Select the test pattern from green grid, magenta grid, white grid, white or disable this function (off).

Setup options menu

Language

Select the multilingual OSD menu.

Auto Source

Choose this option to let the projector automatically find an available input source.

High Altitude

When "On" is selected, the fans will spin faster. This feature is useful in high altitude areas where the air is thin.

HDMI long cable

Default is "Off". Select "On", "HDMI 1", or "HDMI 2". Depending on the selected HDMI option, the DC 5V out (USB-A) power may be turned off to help reduce possible interference to the HDMI signal caused by nearby wireless devices.

Note:

1. *For wireless models, enabling this function or switching input sources may require waiting for the wireless module to power on.*

2. *When using a multimedia streaming device powered via the projector's DC 5V out (USB-A), do not select the HDMI option to which the device is connected. Otherwise, the device may repeatedly power on and off.*

Logo

Use this function to set the desired startup screen. If changes are made, they will take effect the next time the projector is powered on.

- **Default:** The default startup screen.
- **User:** Use the stored picture as the startup screen.

USING THE PROJECTOR

Screen capture by PC tool

1. **Set "Logo" to "User"**
    Set the "Logo" to "User" in **Setup** options menu.

2. **Enter download mode**
    Hold both "Power" and "Enter" buttons and then plug in power cord. Release the buttons until Power/ Lamp/Temp LED indicators are lighting red.

3. **Connect USB cable between PC and projector**
    Please find the "SERVICE" USB port and plug-in USB cable.
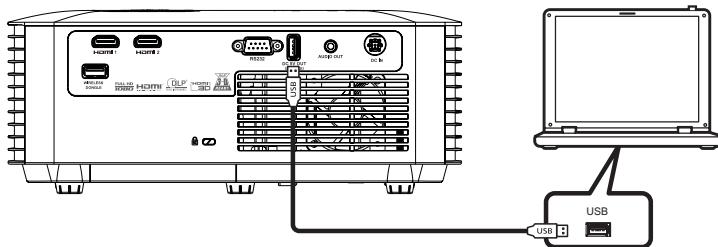
4. **Copy and Click Splash Downloader**
    Copy the Acer_Splash_Downloader folder from the website to your computer, click the Acer_Splash_ Downloader.exe program, and follow the on-screen instructions. If the message says "Projector found", the projector has been connected successfully.
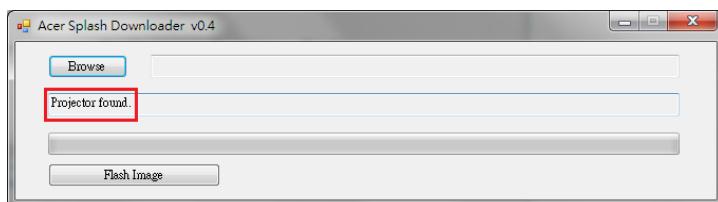
> **Note:** *If "Error: No Projector found.", the projector is not connected. Please retry step 2 and step 3.*

5. **Select logo file**
    Click the "Browse" button and select logo file. The recommended resolution of logo should not exceed the default logo resolution (For example, logo resolution is 1920x1200). The purpose is that keeping the quality of the image. If not, the logo may be blurred.

Projector Type	Default Logo Resolution
XGA Projector	1024x768
WXGA Projector	1280x800
1080P Projector	1920x1080
WUXGA Projector	1920x1200

> **Note:** *Support ".bmp/.jpg/.png/.gif/.tiff" file format. (.png file recommendation)*

USING THE PROJECTOR

6.   **Download logo to projector**
     Click the "Flash Image" button. If the file was written to projector successfully, the message "Download Complete" will be displayed on the screen.
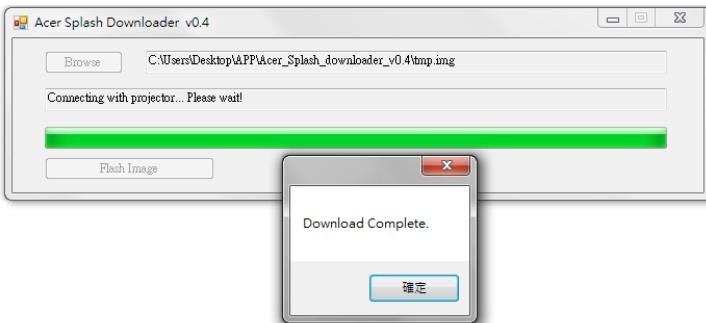
7.   **Reboot projector**
     Plug-out the power cord of projector and plug-in it. Please ensure that the logo has been upgraded correctly.

8.   **Operating system compatibility**

Operating system platform	compatible
Windows XP	Not support
Windows 7 (64 bit)	Support
Windows 10 (64 bit)	Support
Mac OS	Not support
Windows 11	Support

Setup reset OSD menu

Reset to Default

Return the factory default settings for all settings except network setting, Power Mode (Standby) and setting values for security and language.

Info menu

 Note: *Functions vary depending on model definition.*

Info menu

View the projector information as listed below:

- •   Serial Number
- •   Source
- •   Resolution
- •   Refresh Rate
- •   Display Mode
- •   Light Source Hours
- •   Brightness Mode
- •   Firmeware Version

ADDITIONAL INFORMATION

Compatible resolutions

Digital compatibility

Signal	Resolution	Refresh Rate(Hz)	Notes for Mac
VGA	640 X 480	60/67/75/120(*2)	Mac 60/72/85
SVGA	800 X 600	56/60(*2)/72/75/85/120(*2)	Mac 60/72/85
	720x400	70	
	832x624	75	Mac 75
XGA	1024 X768	50/60(*2)/70/75/85/120(*2)	Mac 60/70/75/85
XGA+	1152x870	75	Mac 75
SDTV(480I)	720 X 480	60	
SDTV(480P)	720 X 480	60	
SDTV(576I)	720 X 576	50	
SDTV(576P)	720 X 576	50	
WSVGA(1024X600)	1024 X600	60	
HDTV(720p)	1280 X 720	50(*2)/60(*2)/120	Mac 60
WXGA	1280 X 768	60/75/85	Mac 75
WXGA	1280 X 800	60/120(*2)	Mac 60
WXGA	1366 X 768	60	
WXGA+	1440 X 900	60	
SXGA	1280 X1024	60/75/85	Mac 60/75
	1440 x 900	60	
SXGA+	1400 x 1050	60	
UXGA	1600 X 1200	60	
WSXGA	1680x1050	60	
HDTV(1080I)	1920 X1080	50/60	
HDTV(1080p)	1920 X1080	24/25/30/50/60/120/144/240(*3)	Mac 60
WUXGA	1920 X1200(*1)	60	Mac 60
WQHD	2560x1440	120(*4)	
UHD(2160p)	3840x2160	24/25/30/50/60	
4K	3840x2160	24/25/30/50/60	
4K(21:9)	3840x1600	60	
4K2K(2160p)	4096x2160	24/25/30/50/60	

Note:

- Functions vary depending on model definition. 4K 60Hz may not support due to model definition.
- (*1) 1920 x 1200 @60Hz only support RB (reduced blanking).
- (*2) 3D timing for True 3D projector (option).
- (*3) 1920x1080_144 is only in VRR on mode, 1920x1080_240 is only in VRR off mode.
- (*4) 2560x1440_120 is only in VRR off mode.

ADDITIONAL INFORMATION

Analog compatibility

Signal	Resolution	Refresh Rate(Hz)	Notes for Mac
VGA	640 x 480	60/67/72/85/120(*2)	Mac 60/72/85/
SVGA	800 x 600	56/60(*2)/72/85/120(*2)	Mac 60/72/85
XGA	1024 x 768	60(*2)/70/75/85/120(*2)	Mac 60/70/75/85
HDTV(720P)	1280 x 720	50/60(*2)	Mac 60
WXGA	1280 x 768	60/75/85	Mac 60/75/85
	1280 x 800	60/120(*2)	Mac 60
	1366 x 768	60	
SXGA	1280 x 1024	60/75/85	Mac 60/75
SXGA+	1400 x 1050	60	
UXGA	1600 x 1200	60	
HDTV(1080p)	1920 x 1080	24/50/60	Mac 60
WUXGA	1920 x 1200(*1)	60	Mac 60
	720 x 400	70	
	832 x 624	75	Mac 75
	1152 x 870	75	Mac 75

Note:

- *Functions vary depending on model definition.*
- *(*1) 1920 x 1200 @60Hz only support RB (reduced blanking).*
- *(*2) 3D timing for True 3D projector (Option).*

Video compatibility

Supported video formats:

Video Formats	
SDTV	480i/p, 576i/p
HDTV	720p(50/60Hz), 1080i(50/60Hz), 1080P(50/60Hz)

Signal	Resolution	Refresh Rate(Hz)	Notes
SDTV(480I)	720 x 480	60	
SDTV(480P)	720 x 480	60	
SDTV(576I)	720 x 576	50	
SDTV(576P)	720 x 576	50	
HDTV(720p)	1280 x 720	50/60/120	
HDTV(1080I)	1920 x 1080	50/60	
HDTV(1080p)	1920 x 1080	24/25/30/50/60/120/ 144/240(*3)	

ADDITIONAL INFORMATION

True 3D video compatibility

<table>
<tr><td rowspan="22">Input resolutions</td><td colspan="4">Input timing</td></tr>
<tr><td rowspan="8">HDMI 3D Input (with 3D InfoFrame information)</td><td>1280 x 720P @ 50Hz</td><td colspan="2">Top-and-Bottom</td></tr>
<tr><td>1280 x 720P @ 60Hz</td><td colspan="2">Top-and-Bottom</td></tr>
<tr><td>1280 x 720P @ 50Hz</td><td colspan="2">Frame packing</td></tr>
<tr><td>1280 x 720P @ 60Hz</td><td colspan="2">Frame packing</td></tr>
<tr><td>1920 x 1080i @ 50Hz</td><td colspan="2">Side-by-Side(Half)</td></tr>
<tr><td>1920 x 1080i @ 60Hz</td><td colspan="2">Side-by-Side(Half)</td></tr>
<tr><td>1920 x 1080P @ 24Hz</td><td colspan="2">Top-and-Bottom</td></tr>
<tr><td>1920 x 1080P @ 24Hz</td><td colspan="2">Frame packing</td></tr>
<tr><td rowspan="9">HDMI 3D Input (without 3D InfoFrame information)</td><td>1920 x 1080i @ 50Hz</td><td rowspan="4">Side-by-Side(Half)</td><td rowspan="4">SBS mode is on</td></tr>
<tr><td>1920 x 1080i @ 60Hz</td></tr>
<tr><td>1280 x 720P @ 50Hz</td></tr>
<tr><td>1280 x 720P @60Hz</td></tr>
<tr><td>1920 x 1080i @ 50Hz</td><td rowspan="4">Top-and-Bottom</td><td rowspan="4">TAB mode is on</td></tr>
<tr><td>1920 x 1080i @ 60Hz</td></tr>
<tr><td>1280 x 720P @ 50Hz</td></tr>
<tr><td>1280 x 720P @60Hz</td></tr>
<tr><td>480i</td><td colspan="2">HQFS (3D format is Frame sequential)</td></tr>
</table>

Note:

- *Functions vary depending on model definition.*
- *If 3D input is 1080p@24Hz, the DMD should replay with integral multiple with 3D mode.*
- *1080i@25Hz and 720p@50Hz will run in 100Hz, other 3D timing will run in 120Hz.*
- *1080P@24Hz will run in 144Hz.*

ADDITIONAL INFORMATION

Image size and projection distance

WXGA Series for 1.1x zoom

To obtain an image size of 60" set the projector at a distance 200 cm and 222 cm from the screen.
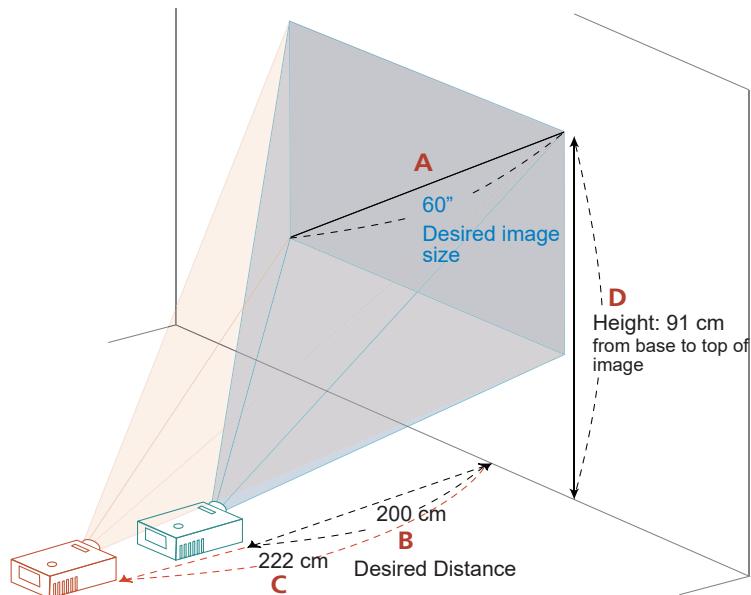
Desired image size			Distance (cm)		Top (cm)
Diagonal (inch) <A>	W (cm)	H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	65	40	100	111	45
40	86	54	133	148	61
50	108	67	166	185	76
60	129	81	200	222	91
70	151	94	233	259	106
80	172	108	266	296	121
90	194	121	299	333	136
100	215	135	333	370	151
150	323	202	499	556	227
180	388	242	599	667	272
200	431	269	665	741	303
250	538	337	831	926	378
300	646	404	998	N/A	454

Zoom Ratio: 1.1x

ADDITIONAL INFORMATION

XGA Series for 1.1x zoom

To obtain an image size of 60" set the projector at a distance 237 cm and 263 cm from the screen.
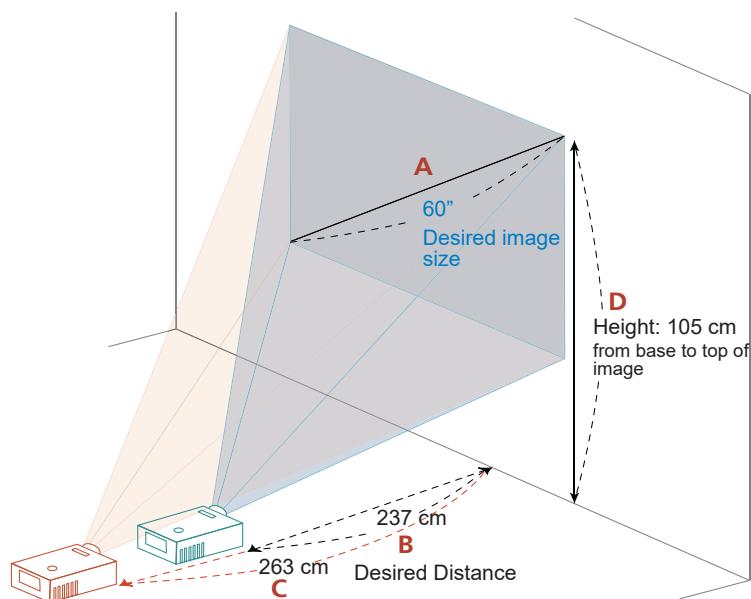
Desired image size			Distance (cm)		Top (cm)
Diagonal (inch) <A>	W (cm)	H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	61	46	118	132	53
40	81	61	158	176	70
50	102	76	197	219	88
60	122	91	237	263	105
70	142	107	276	307	123
80	163	122	315	351	140
90	183	137	355	395	158
100	203	152	394	439	175
150	305	229	591	658	263
180	366	274	710	790	315
200	406	305	788	878	351
250	508	381	986	1097	438
300	610	457	1183	N/A	526

Zoom Ratio: 1.1x

ADDITIONAL INFORMATION

1080p series for 1.3x zoom ratio

To obtain an image size of 60" set the projector at a distance 150 cm and 195 cm from the screen.
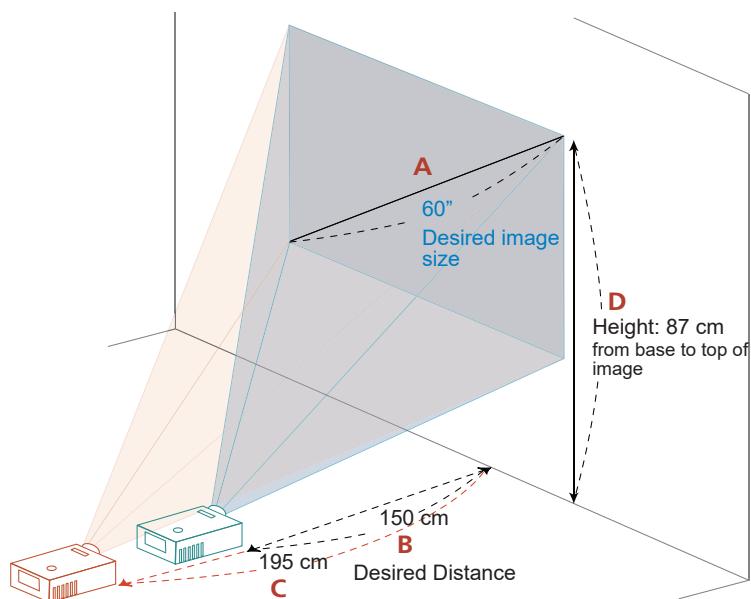
Desired image size			Distance (cm)		Top (cm)
Diagonal (inch) <A>	W (cm)	H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	66	37	75	98	43
40	89	50	100	130	58
50	111	62	125	163	72
60	133	75	150	195	87
70	155	87	175	228	101
80	177	100	200	260	116
90	199	112	225	293	130
100	221	125	250	325	144
120	266	149	300	391	173
150	332	187	375	488	217
180	398	224	450	586	260
200	443	249	500	651	289
250	553	311	625	814	361
300	664	374	750	976	433

Zoom Ratio: 1.3x

ADDITIONAL INFORMATION

1080p series for 1.1x zoom ratio

To obtain an image size of 60" set the projector at a distance 197 cm and 215 cm from the screen.
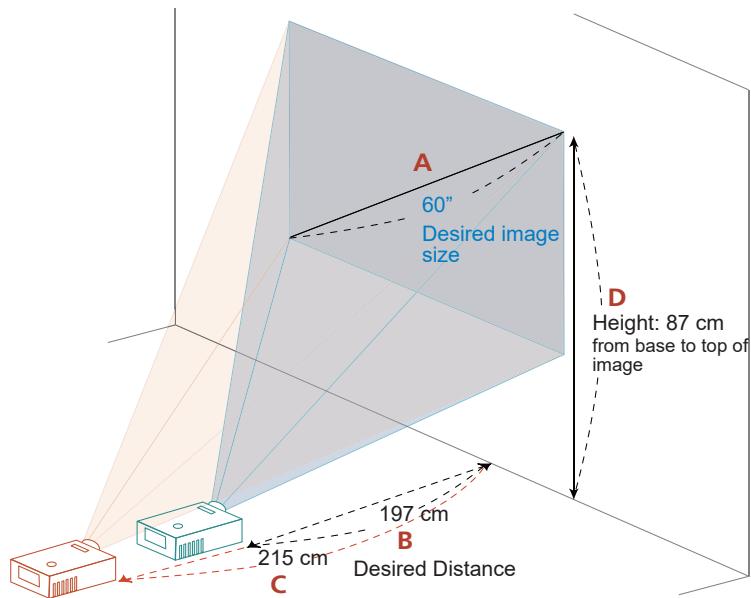
Desired image size			Distance (cm)		Top (cm)
Diagonal (inch) <A>	W (cm)	H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	66	37	98	108	43
40	89	50	131	143	58
50	111	62	164	179	72
60	133	75	197	215	87
70	155	87	229	251	101
80	177	100	262	287	116
90	199	112	295	323	130
100	221	125	328	359	144
120	266	149	393	430	173
150	332	187	491	538	217
180	398	224	590	646	260
200	443	249	655	717	289
250	553	311	819	897	361
300	664	374	983	1076	433

Zoom Ratio: 1.1x

ADDITIONAL INFORMATION

1080p ST series for 1.0x zoom ratio

To obtain an image size of 60" set the projector at a distance 66 cm.
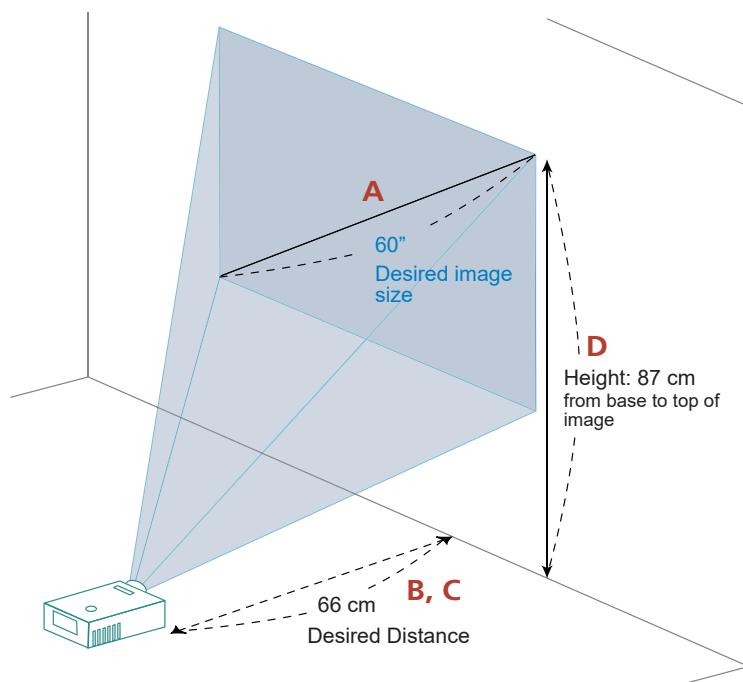
Desired image size			Distance (cm)		Top (cm)
Diagonal (inch) <A>	W (cm)	H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	66	37	33	33	43
40	89	50	44	44	58
50	111	62	55	55	72
60	133	75	66	66	87
70	155	87	77	77	101
80	177	100	88	88	116
89	197	111	98	98	129
100	221	125	110	110	144
150	332	187	165	165	217
180	398	224	198	198	260
200	443	249	229	229	289
250	553	311	275	275	361
300	664	374	329	329	433

Zoom Ratio: 1.0x

ADDITIONAL INFORMATION

4K series

To obtain an image size of 60" set the projector at a distance 161 cm and 211 cm from the screen.
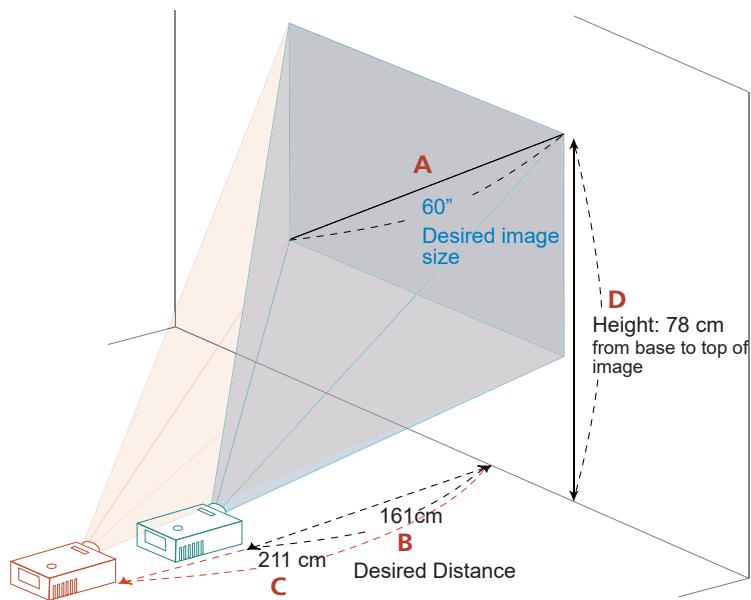
Desired image size			Distance (cm)		Top (cm)
Diagonal (inch) <A>	W (cm)	H (cm)	Max zoom <B>	Min zoom <C>	From base to top of image <D>
30	66	37	80	106	39
40	89	50	107	141	52
50	111	62	134	176	65
60	133	75	161	211	78
70	155	87	188	246	92
80	177	100	214	282	105
90	199	112	241	317	118
100	221	125	268	352	131
120	266	149	321	422	157
150	332	187	402	528	196
180	398	224	482	634	235
200	443	249	536	704	262
250	553	311	670	880	327
300	664	374	804	1056	392

Zoom Ratio: 1.3x

ADDITIONAL INFORMATION

Projector dimensions and ceiling mount installation

1. To prevent damage to your projector, please use the Acer ceiling mount.
2. If you wish to use a third party ceiling mount kit, please ensure the screws used to attach a mount to the projector meet the following specifications:

• Screw type: M4*9

• Minimum screw length: 9mm

Lens

51.70
88.00
108.50
115.50
190.00
81.20
82.30
82.30
55.00
55.00
M4xL9mm
110.00

Unit: mm
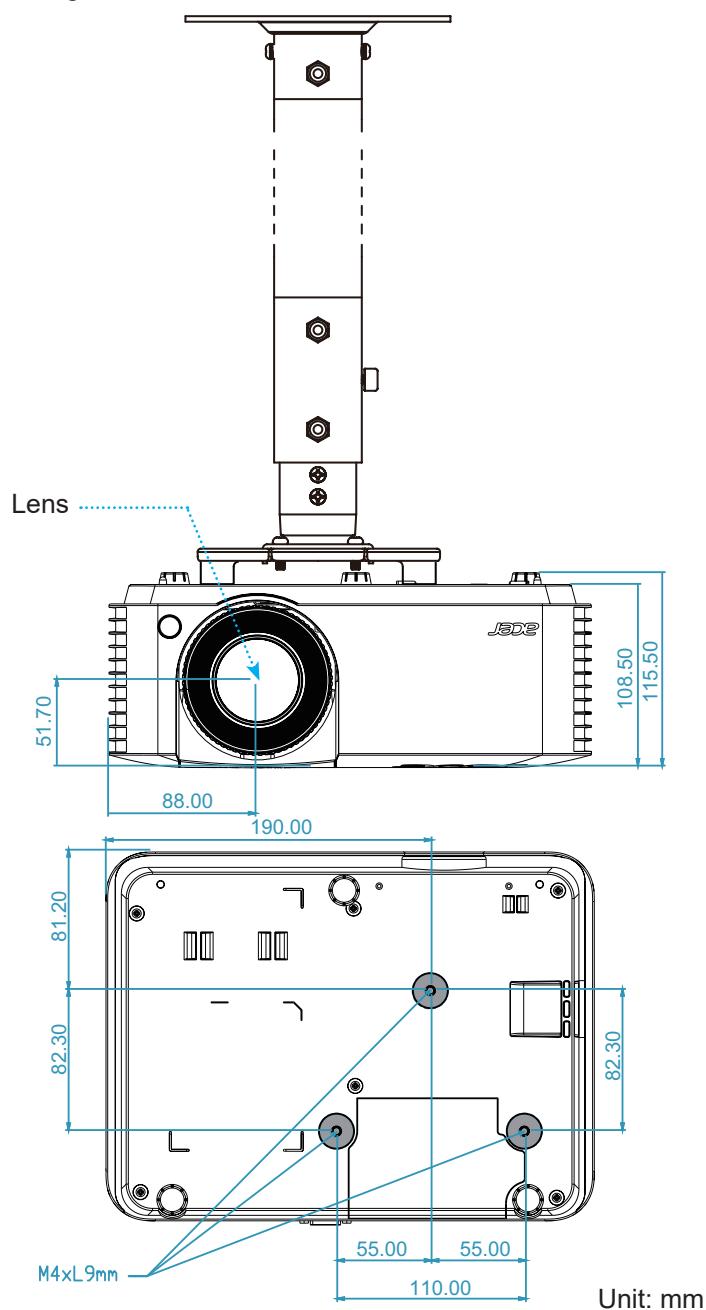
Note: *Please note that damage resulting from incorrect installation will void the warranty.*

⚠️ Warning:

• If you buy a ceiling mount from another company, please be sure to use the correct screw size. Screw size will vary depending on the thickness of the mounting plate.

• Be sure to keep at least 10 cm gap between the ceiling and the bottom of the projector.

• Avoid installing the projector near a heat source.

ADDITIONAL INFORMATION

Troubleshooting

If you experience a problem with your projector, please refer to the following information. If a problem persists, please contact your local reseller or service center.

Image problems

? *No image appears on-screen*

- Ensure all the cables and power connections are correctly and securely connected as described in the "Installation" section.

- Ensure the pins of connectors are not crooked or broken.

- Ensure that the "Mute" feature is not turned on.

? *Image is out of focus*

- Turn the focus ring clockwise or counterclockwise until the image is sharp and legible. (Please see page *23).*

- Make sure the projection screen is between the required distance from the projector. (Please refer to pages *50-53*).

? *The image is stretched when displaying 16:9 DVD title*

- When you play anamorphic DVD or 16:9 DVD, the projector will show the best image in 16: 9 format on projector side.

- If you play the LBX format DVD title, please change the format as LBX in projector OSD.

- If you play 4:3 format DVD title, please change the format as 4:3 in projector OSD.

- Please setup the display format as 16:9 (wide) aspect ratio type on your DVD player.

? *Image is too small or too large*

- Turn the zoom lever clockwise or counterclockwise to increase or decrease the projected image size. (Please see page *23).*

- Move the projector closer to or further from the screen.

- Press "Menu" on the projector panel, go to "Display → Aspect Ratio". Try the different settings.

? *Image has slanted sides:*

- If possible, reposition the projector so that it is centered on the screen and below the bottom of the screen.

? *Image is reversed*

- Select "Setup → Projection" from the OSD and adjust the projection direction.

ADDITIONAL INFORMATION

Other problems

?   *The projector stops responding to all controls*

- If possible, turn off the projector, then unplug the power cord and wait at least 20 seconds before reconnecting power.

Remote control problems

?   *If the remote control does not work*

- Check the operating angle of the remote control is pointed within ±20° to the IR receiver on the projector.
- Make sure there are not any obstructions between the remote control and the projector. Move to within 5 m (16.4 ft) of the projector.
- Make sure batteries are inserted correctly.
- Replace batteries if they are exhausted.

Warning indicators

When the warning indicators (see below) light up or flash, the projector will automatically shutdown:

- "Lamp" LED indicator is lit red and if "Power" indicator flashes red.
- "Temp" LED indicator is lit red and if "Power" indicator flashes red. This indicates the projector has overheated. Under normal conditions, the project can be switched back on.
- "Temp" LED indicator flashes red and if "Power" indicator flashes red.

Unplug the power cord from the projector, wait for 30 seconds and try again. If the warning indicator light up or flash, please contact your nearest service center for assistance.

LED lightning messages

Message	Power LED		Temp LED	Lamp LED
	(Red)	(Green) or (Blue)	(Red)	(Red)
Standby state (Input power cord)	Steady light			
Power on (Warming)		Flashing (0.5 sec off / 0.5 sec on)		
Power on and Lamp lighting		Steady light		
Power off (Cooling)		Flashing (0.5 sec off / 0.5 sec on). Back to red steady light when cooling fan turns off.		
Error (Lamp failure)		Steady light		Steady light
Error (Fan failure)		Steady light	Flashing	
Error (Over temp.)		Steady light	Steady light	

ADDITIONAL INFORMATION

- Power off:

Power Off
Power Off? Press power key again.

- Temperature warning:

Warning
TEMPERATURE TOO HIGH
Please:
1. Make sure air in and outlets are not blocked. 2. Make sure the environment temperature is under 45 degree C.
If the problem persists in spite of the above.
Please contact a service center for repair.
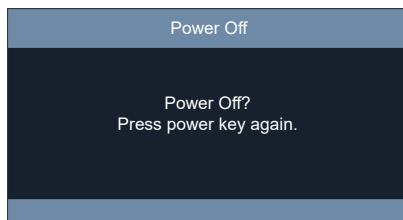
ADDITIONAL INFORMATION

Specifications

Optical	Description
Maximum resolution	Up to 4K resolution (1080P model only)
Native resolution	• XGA 1024(H) x 768(V) • WXGA 1280(H) x 800(V) • 1080p 1920(H) x 1080(V) • 4K 3840(H)x2160(V)
Lens	Manual zoom and manual focus
Image size (diagonal)	• XGA: 30"~300" (76.2cm~762cm) • WXGA: 30"~300" (76.2cm~762cm) • 1080p: 30"~300" (76.2cm~762cm) • 4K: 30"~300"(76.2cm~762cm)
Projection distance	• XGA: 1.18m~11.8m (3.6 feet~38.7 feet) • WXGA: 1.00m~9.98m (3.3 feet~32.5 feet) • 1080p: 0.74m~7.44m (2.3 feet~24.2 feet) • 1080p: 1.00m~9.83m (3.3 feet~32.4 feet) • 4K: 1.00m~8.00m(3.3 feet~ 26.24feet)

Electrical	Description	
I/O ports	• HDMI 1 • HDMI 2 • RS232 • USB Type-A for DC 5V Out (service) • Audio out • DC IN	• USB Type A for WiFi • Audio In 3.5mm • VGA In • LAN In • 12V Trigger
Native resolution	• XGA 1024(H) x 768(V) • WXGA 1280(H) x 800(V) • 1080p 1920(H) x 1080(V) • 4K 3840(H) x 2160(V)	
Color reproduction	1.07 billion colors	
Built-in speaker	15W	
Power Adaptor	230W power/ 180W power AC Input: 100~240V, 50-60Hz DC Output: 19.5V, 9.23A(max) Load.	
Input current	230W power Inupt 3.5A 180W power Inupt 2.3A	

Mechanical	Description
Installation orientation	Front, Rear, Ceiling-top, Rear-top
Dimensions	• 286 x 216 x 115.5mm(with feet) • 286 x 216 x 108.5mm(without feet)
Weight	2.9±0.5kg 3.45 ± 0.5kg
Environmental conditions	Operating in 0 ~ 40°C , 0 to 80% humidity (non-condensing)

Note:

- *All specifications are subject to change without notice.*
- *Functions vary depending on model definition.*

ADDITIONAL INFORMATION

Regulations and safety notices

Compliant with Russian/ Ukraine regulatory certification

Radio device regulatory notice

Note: *The regulatory information below is for models with wireless LAN and/or Bluetooth only.*

General

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules).

Canada — Low-power license-exempt radio communication devices (RSS-247)

a Common information

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.

b Operation in 2.4 GHz band

To prevent radio interference to the licensed service, this device is intended to be operated indoors and installation outdoors is subject to licensing.

List of applicable countries

This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact the local office in the country of use.

Please see http://ec.europa.eu/enterprise/rtte/implem.htm for the latest country list.

Recycling Information for the United States of America

Acer encourages information technology (IT) equipment owners to responsibly recycle their equipment when it is no longer needed. Acer offers programs and services to assist equipment owners with this process.

For more information on recycling IT equipment, please go to: https://www.acer.com/ac/en/US/content/recycling