Safety
Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.   These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.   However, there is no guarantee that interference will not occur in a particular installation.   If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

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

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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

Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Industry Canada statement:
This device complies with ISED's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Le présent appareil est conforme aux CNR d' ISED applicables aux appareils radio

exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:
This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:
Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps

Product 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.
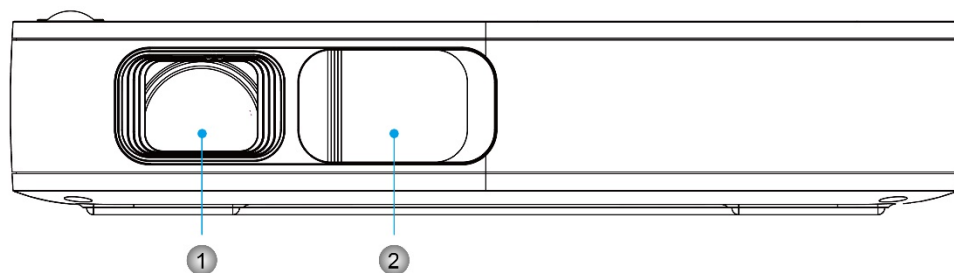
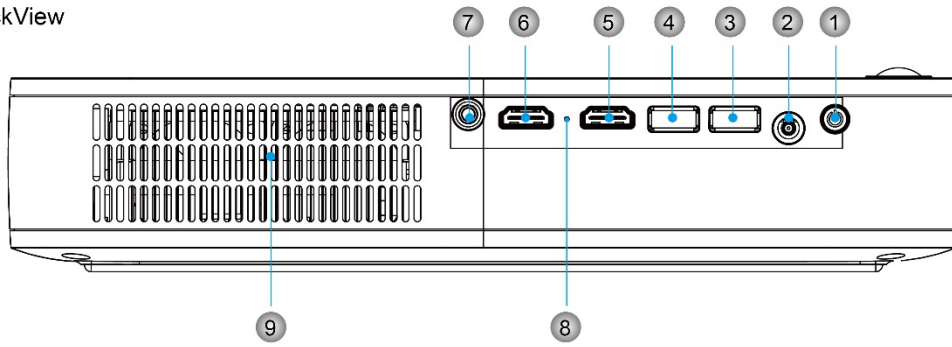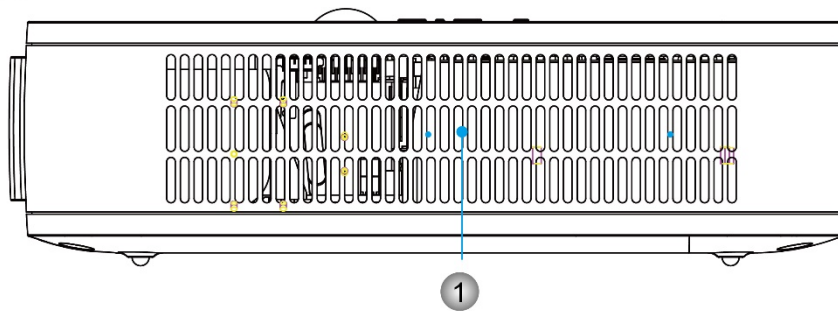### Standard Accessories

Product Introduction

Overview

Front View

No	Item
1.	Lens
2.	Lens Cover

BackView

No	Item	No.	Item
1.	Power Key	6.	HDMI 2
2.	Power Socket	7.	Audio Out
1.	USB-WiFi Dongle	8.	Power Off Key
2.	USB-Wire Connection	9.	Air outlet
5.	HDMI 1		

Right View

No	Item
1.	Air inlet/Speaker

Left View
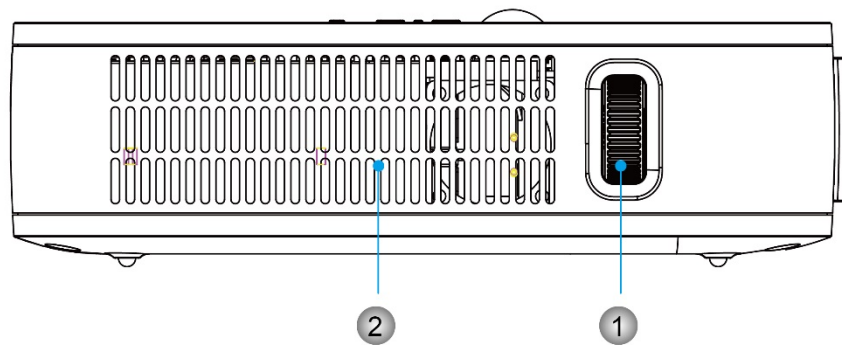
No	Item
1.	Focus Wheel

Top View
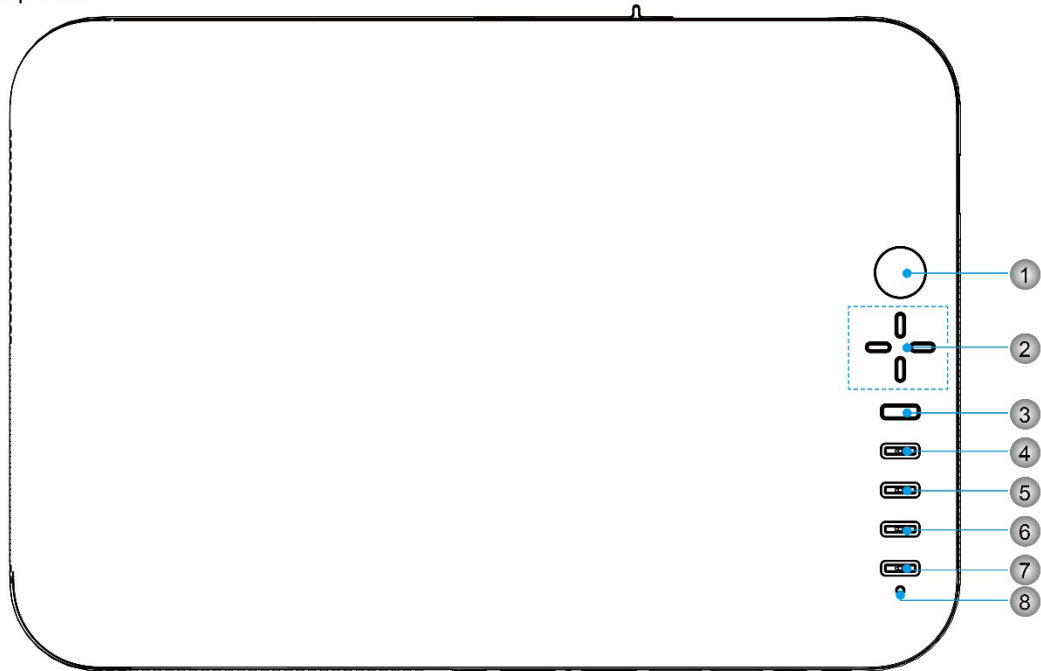
No	Item	No	Item
1.	IR Receiver	5.	Menu
2.	Direction Keys	6.	Home
3.	Enter	7.	Display Mode
4.	Return	8.	LED

LED Indicators

Red	Green	Flashing	Off
Battery Charging	Power on	Power on but lens cover is closed	Power off

Bottom View
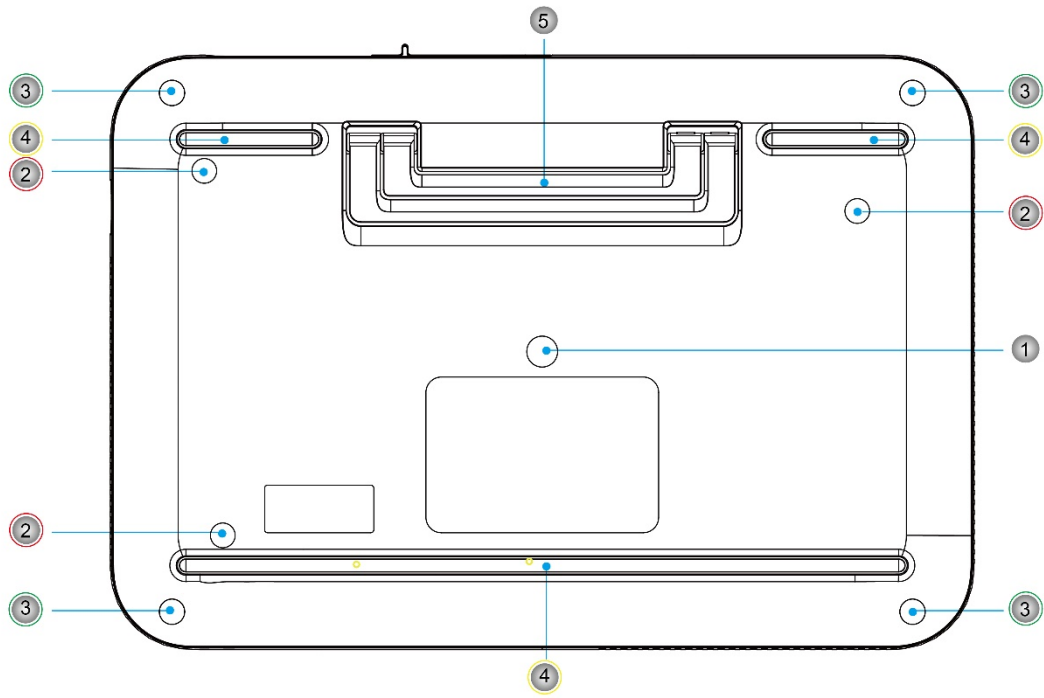
No	Item	No	Item
1.	Mounting Hole	5.	Projector Stand
2.	Screw Hole		
3.	Anti-slip Mat		
4.	Anti-slip Mat		

Remote Control
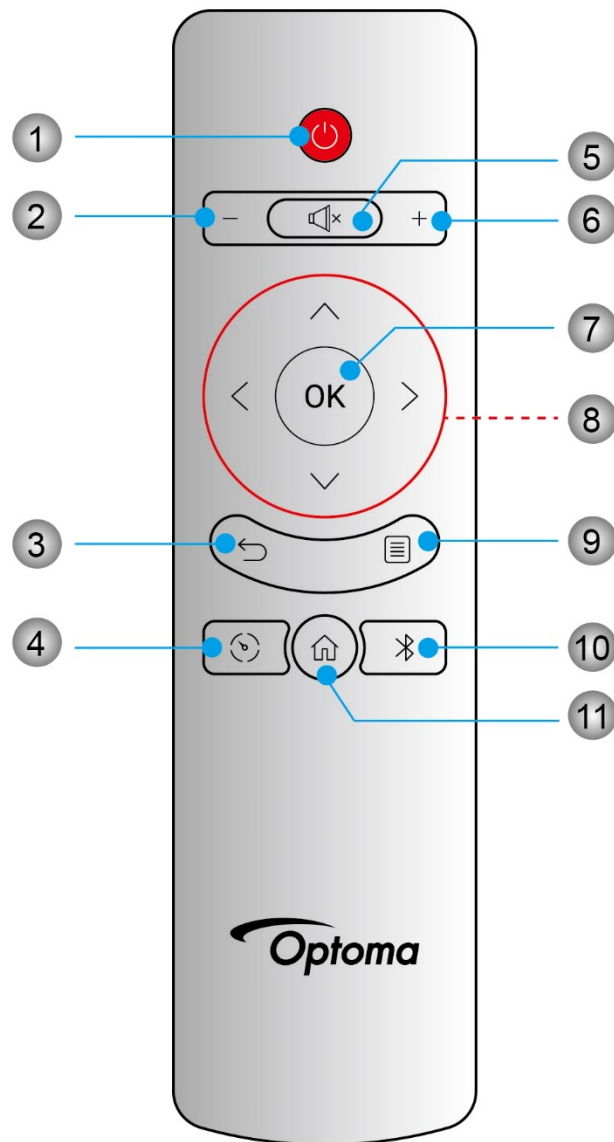
No	Item	No	Item
1	Power Key	7	Enter
2	Volume Down	8	Direction Keys
3	Return	9	Menu
4	Display Mode	10	BT
5	Mute	11	Home
6	Volume Up		

Using the Projector

Power on/off the projector

Power on

➢ Ensure the power lead is connected or the battery is charged。

➢ Press the Power key on the projector or remote, or open the lens cover to turn on the projector.

➢ Connect the source to the projector via HDMI cable.

➢ Startup screen will last around 5 seconds and the LED indicator will be steady green.

Power off

➢ Press the Power key on the projector or the remote, or close the lens cover to turn off the projector.

➢ The LED will be off after the projector is turned off.

Select Input Source

The projector can receive signal via HDMI, smart phone or wireless network.

Projector Keypad

1. Press the Power key to turn on/off the projector.
2. Press direction keys to select items or adjust values.
3. Press OK to enter the selected item.
4. Press Menu to bring up the menu.
5. Press Back to return to previous page.
6. Press Display Mode to switch between display modes.
7. Press Home to return to home screen.

Remote Control

1. Press Power key to turn of/off the projector.
2. Press direction keys to select items or adjust volume.
3. Press Menu to bring up the menu.
4. Press direction keys to select items or adjust values.
5. Press OK to enter the selected item.
6. Press Back to return to previous page.
7. Press Home to return to home screen.
8. Press Mute to mute or unmute the projector.
9. Press BT to enter Bluetooth setting page.
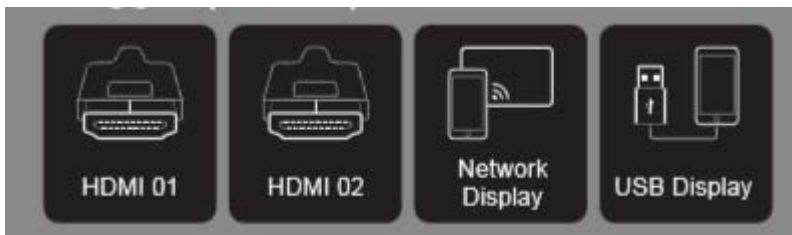10. Press "-" or "+" to adjust the volume.
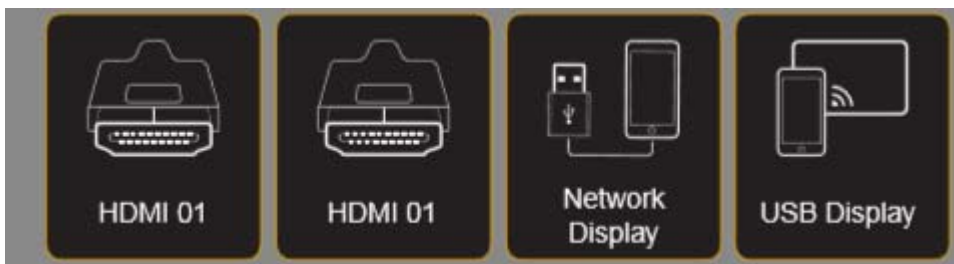
Home Screen

It is the default page when your turn on the projector. In home screen your can switch between different input sources.
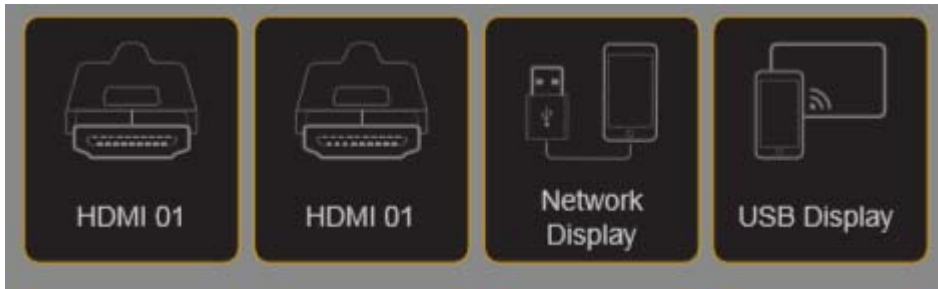
Input Source

1. When input source is connected

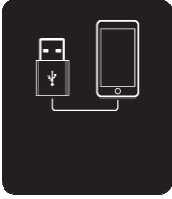When input source is connected and selected

2. When input source is selected but not connected.

When input source is connected

Input Source Icon	Function	Description
	HDMI 1	Select HDMI 1 as the input source
	HDMI 2	Select HDMI 2 as the input source
	Wifi Display	Select WiFi as the input source
	USB Display	Select USB as the input source

How to Connect HDMI

Connect HDMI cable to the HDMI connector on the projector. After the HDMI icon shows connected, select the icon to start playing the video.

How to Connect Smart Phone

Connect your smart phone to the projector via charging cable. Select the USB icon and you will be directed the page below:
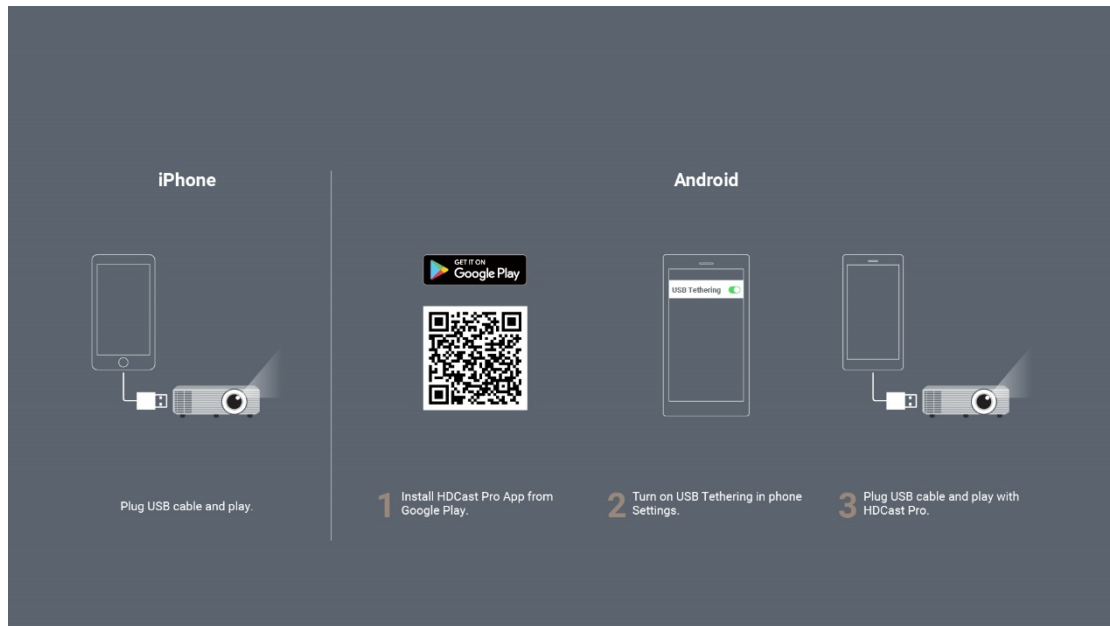
1. For iPhone
   - Select Trust

2. For Android

   - Please download EZCastPro from Google Play Store : EZCastPro
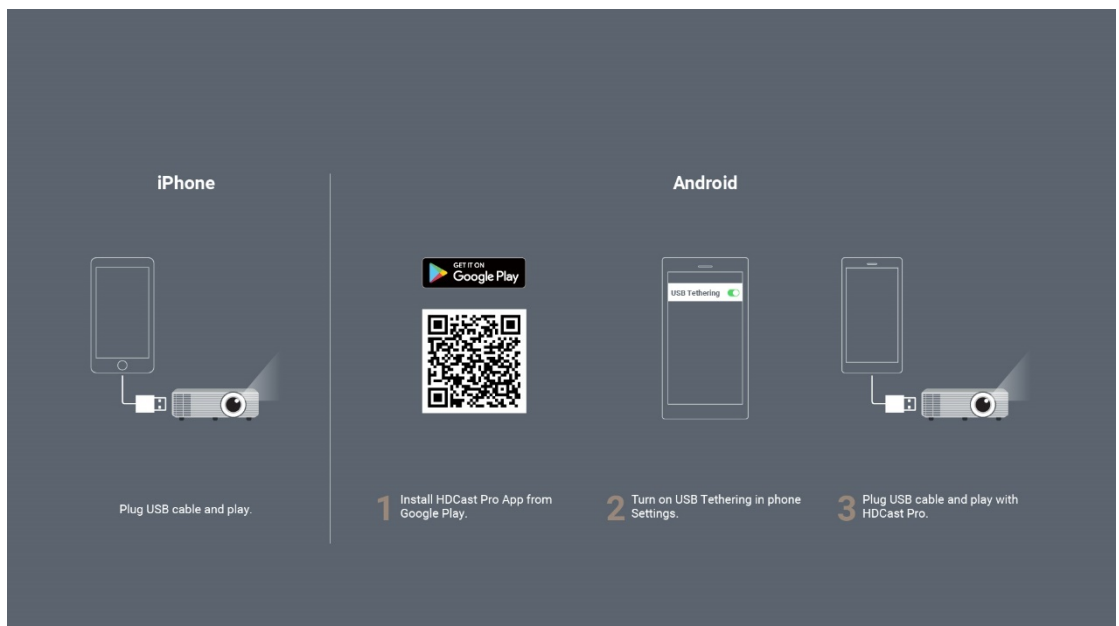   - Connect your phone to the projector
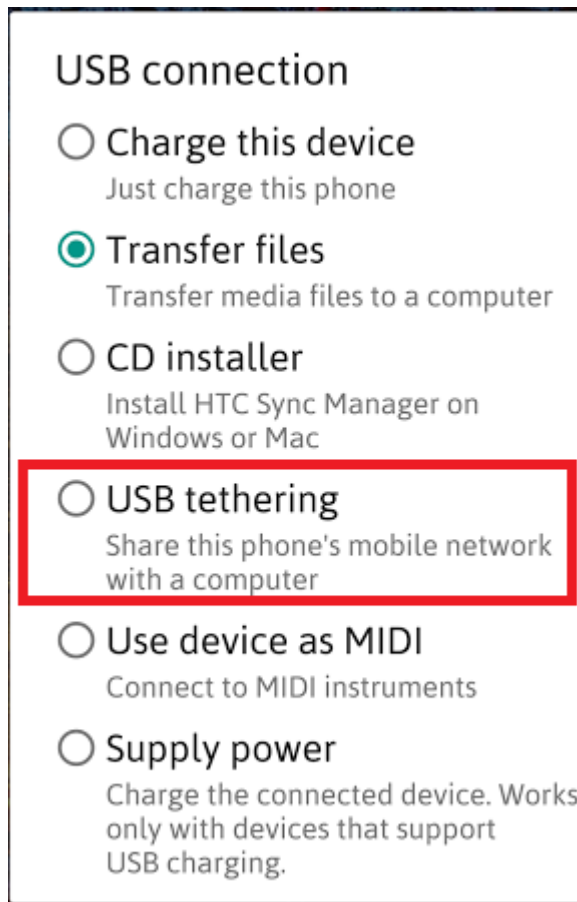
Use USB for file transfers?

Only allow file transfers using computers you trust. Your phone's data will be accessible when connected.
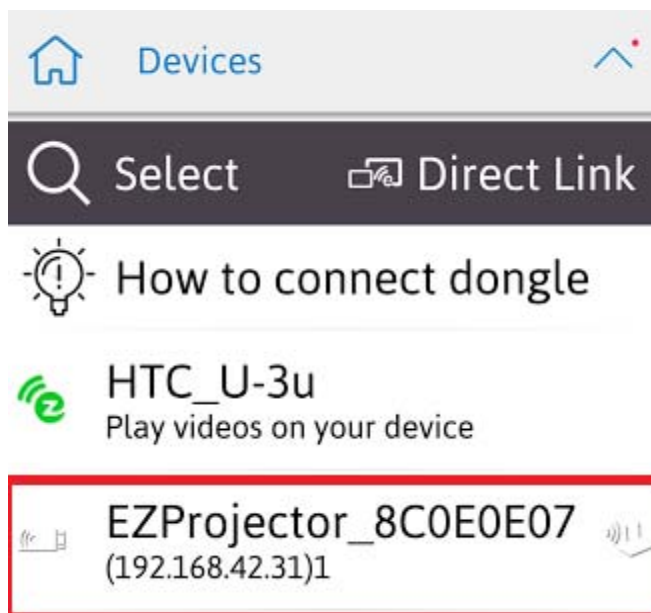
CANCEL   YES

● Select USB icon on the home screen.
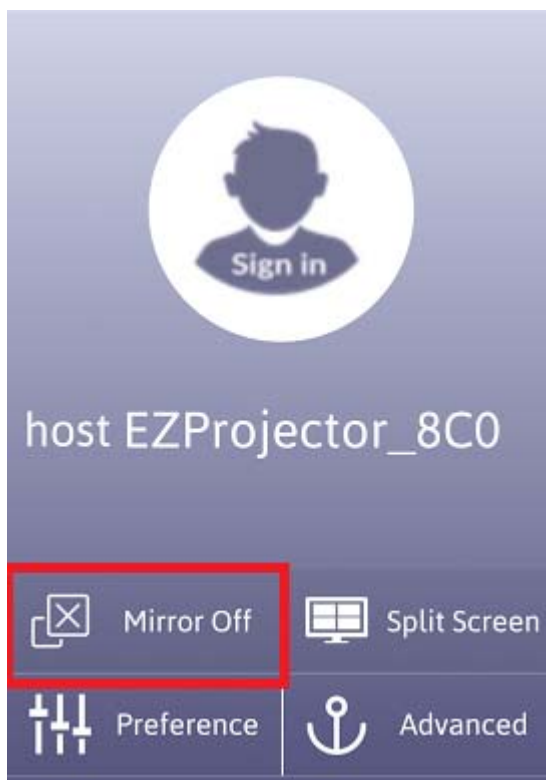

Network Display

iPhone

Plug USB cable and play.

Android

GET IT ON
Google Play

1 Install HDCast Pro App from Google Play.

2 Turn on USB Tethering in phone Settings.

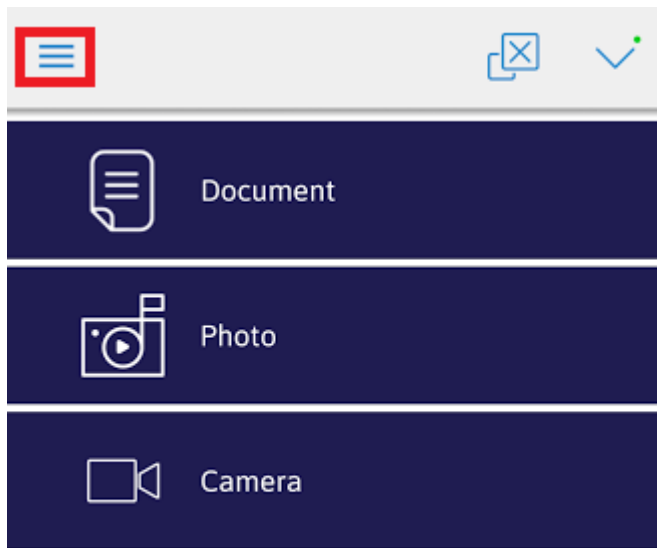USB Tethering

3 Plug USB cable and play with HDCast Pro.

● Turn on USB Tethering on your smart phone

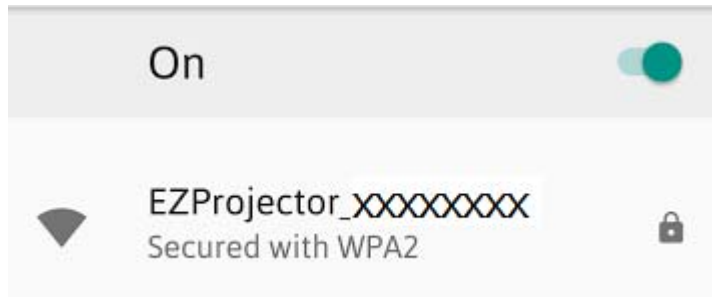● Open the EZCastPro on your phone and select the projector

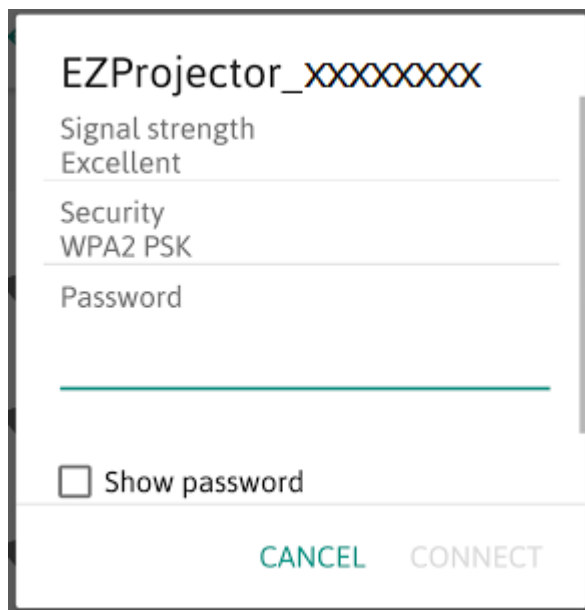● Press the top left icon to enter the setting page

How to connect wireless network

1. Plug in WiFi dongle
2. Select WiFi input source on the home screen
3. Follow the steps below to pair the projector
   - Turn on WiFi on your phone and select EZProjector_XXXXXXXX

On

EZProjector_XXXXXXXX
Secured with WPA2

   - Enter the password 87654321

EZProjector_XXXXXXXX

Signal strength
Excellent

Security
WPA2 PSK

Password

☐ Show password

CANCEL   CONNECT

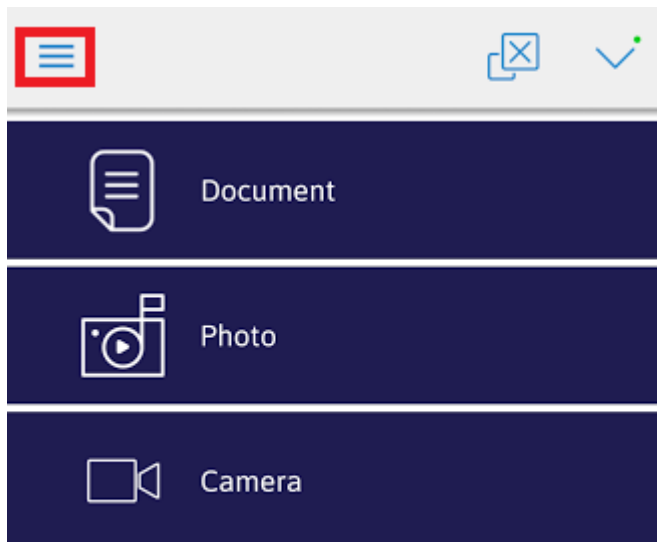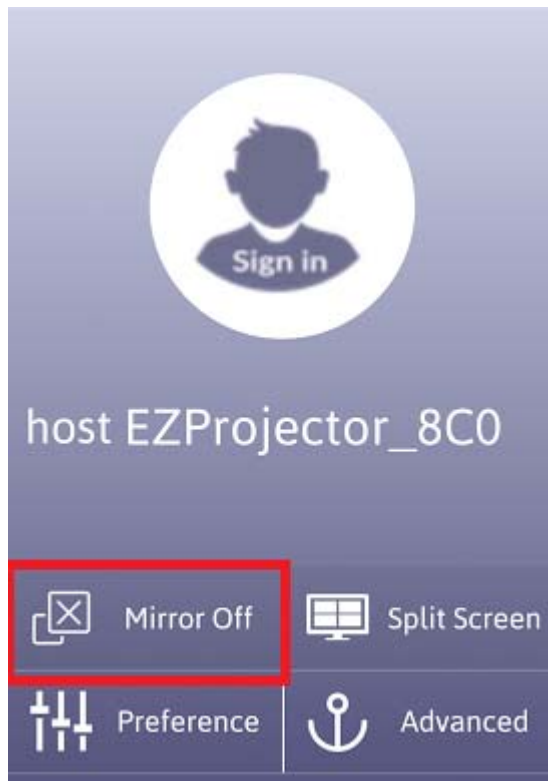   - Open the EZCastPro on your phone and select the "EZProjector_xxxxxx"
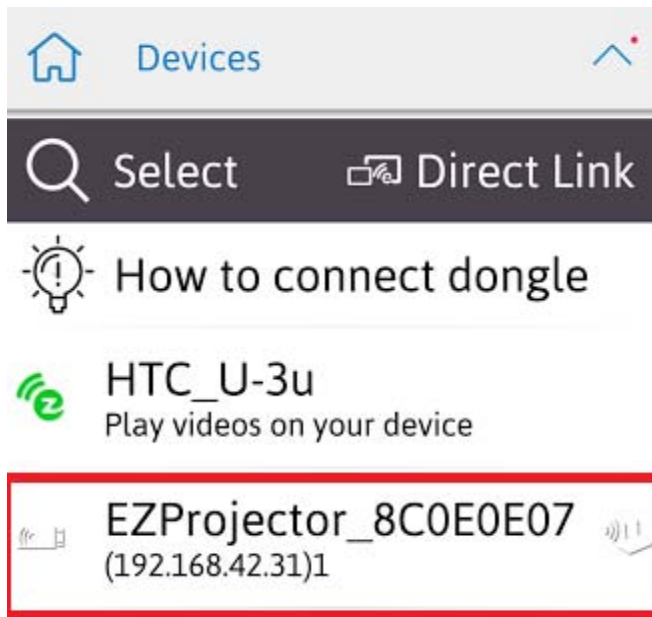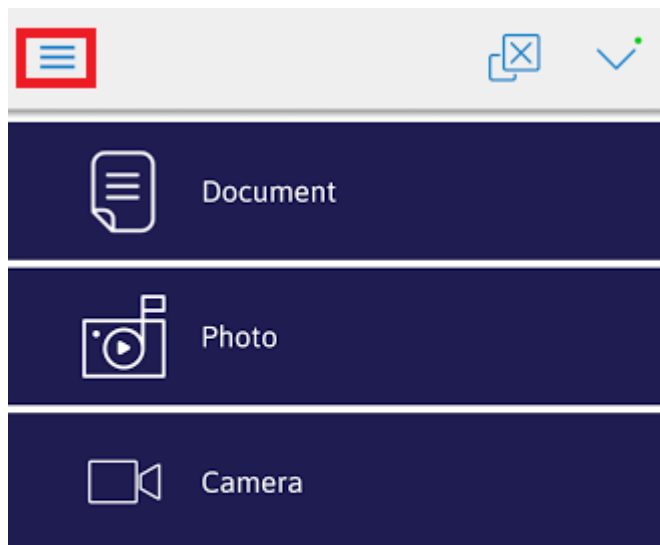
- Press the top left icon to enter the setting page and turn of Mirror Screen

- Press the top left icon to enter the setting page to connect the projector to the wireless network.

- Select Network Setting
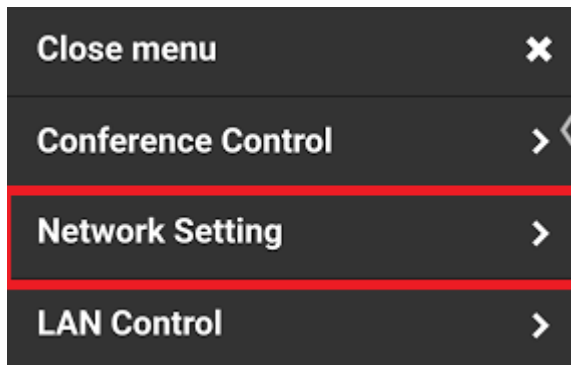
- Select the wireless network you want to connect and enter the password
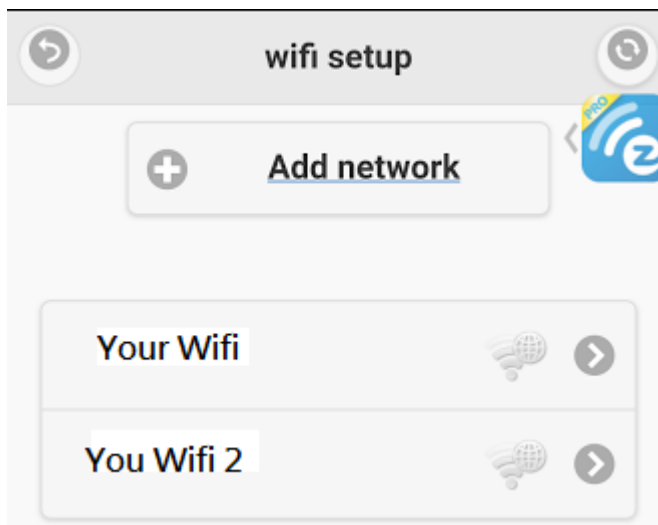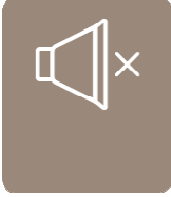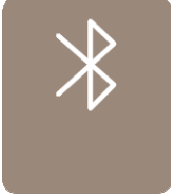
Home Screen Icon

1. Not selected
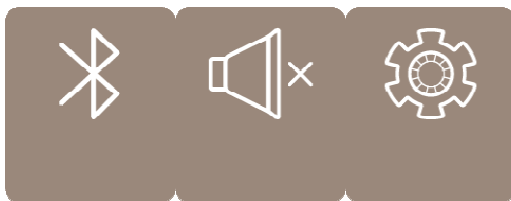
2. Selected
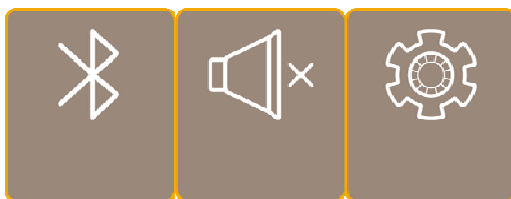
Input Source Icon	Function	Description
	Mute/Unmute	Mute/Unmute
	Turn of/off Bluetooth	Turn on Bluetooth to pair the projector and BT speaker
	Open setting page	Open setting page

How to connect Bluetooth:

1. Select BT icon on the home screen or press the BT key on the remote
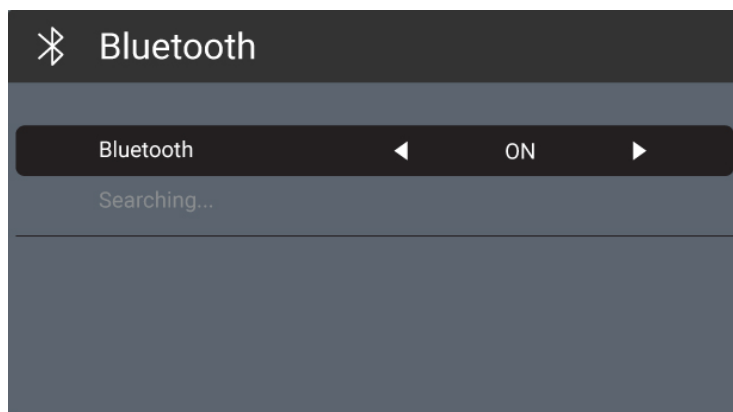
2. When Bluetooth is turned on, the projector will scan and list all available Bluetooth devices
3. Refresh if you do not see any Bluetooth device.
4. Select the device you want to pair.

Bluetooth

Bluetooth	◀ ON ▶	
Refresh		
✓ Headphone 01	Paired	

Setting

Icon	Function	Description
	Network setting	Network setting
	Setting	Languages
		Auto power off: Off/15/30/60/120 minutes
		Brightness mode Bright / Eco
		USB Power On/Off
		High Altitude: On/Off
		Direct Power On: On/Off
		LED Projection Hour
		Reset: Enter
		Reset

		Enter
	Image	Projection Mode: Front / Rear
		Projection Position: Table / Ceiling
		Aspect Ratio: Auto/ 4:3/16:9/L.BOX
		Auto V. Keystone: On/Off
		V. Keystone: -30 ~ +30
		H. Keystone: -20 ~ +20
		Four Corner Correction: Enter
		Color Space: Auto/Limited range/Full Range
		Digital Zoom: 1.0/1.2/1.4/1.6/1.8
		Reset: Enter
	Display	Display Mode: Cinema/ Game/ Bright/ sRGB
		Wall Color : White/Yellow/Blue/Pink/Green
		Brightness : 0~100
		Contrast: 0~100
		Saturation : 0~100
		Contrast : 0~3

		Gamma: Cinema/Video/Graphics/Standard
		Color Temperature: Standard/Cool/Cold/Native
		Tone: -50~50
		Gain/Bias: R Gain/G Gain/B Gain/ R Bias/ G Bias/B Bias (0~100)
		Reset : Enter
	Audio	Volume: 0~40
		Bluetooth : On/Off
		Mute : On/Off
		Reset : Enter

Troubleshooting

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

1. Turn off the projector using remote control or power key on the projector
2. Wait for 10 seconds
3. Use needle to press the button inside the small hole on the rear of the projector.
4. Turn on the projector
5. If the problem persists, please contact your local reseller or service center.

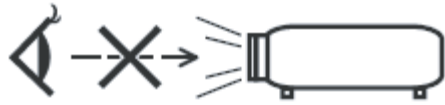| Problem	Solution
Why can I turn on the projector?	Most likely it's because the battery runs out of power. Please ensure the battery is charged for at least 4 hours before the first use. If the projector still cannot power on, please use a needle to press the small hole on the rear of the projector.
Why does the sound come from my Android phone when I am mirroring the screen to the projector?	The projector supports image mirroring only for Android phone.
Why can't I display the image from my Android phone wirelessly?	Please ensure your Android phone supports Miracast (naming may vary on different brand's phone)
Why is my projector's temperature so high?	It is normal as the projector is a high-lumen product. Please be assured that a proper cooling system has been implemented on the projector.
Why is there no image when the HDMI port is connected?	Please ensure the HDMI cable is properly plugged in the HDMI port and the correct input source has been selected on the home screen.
Why am I experiencing lag when displaying wirelessly?	It may be because the bandwidth of your WiFi network is not enough for wireless image transmission or the processing power required for wireless transmission is beyond your phone's capabilities.
Does USB port support power bank?	Yes, please turn on USB power in the setting menu.

規格

Features	OP1500
Main features	A Portable Full HD Projector with Typical 650 ANSI Lumens Brightness, Versatile Connectivity , iPhone/iPad USB display , Stunning Sound Quality and Battery Capacity
Optical	650 ANSI lm @ FHD
Application	HDMI＆USB projection
Speaker	4W*2
Battery	12000 mAh
Specification	OP1500
OE Model	Anhua F10(.47 TRP)
CPU	Actions Micro 8290
HDMI input	2x1.4b MHL not supported
USB Port	1 USB-A for USB display (at least 24 Hz (24 fps), target 30Hz (30 fps)) and provide charging function 5V 1.5A 1 Micro USB for WI-FI Dongle FW upgrade
Audio out	Mini Jack*1 + Bluetooth Out
keystone	2D correction(H+/- 20 Degree, V+/- 30 Degree,)
Speaker	4W*2
Power Adaptor	19V/4.7A
Battery Capacity	12000 mAh

Safety Instruction

- ➢ Do not stare into the beam. As with any bright source, do not stare into the direct beam, RG2 IEC 62471-5:2015.
- ➢ Do not block any ventilation openings. To ensure reliable operation of the projector and to protect from overheating, it is recommended to install the projector in a location that does not block ventilation. As an example, do not place the projector on a crowded coffee table, sofa, bed, etc. Do not put the projector in an enclosure such as a book case or a cabinet that restricts air flow.
- ➢ To reduce the risk of fire and/or electric shock, do not expose the projector to rain or moisture. Do not install near heat sources such as radiators, heaters, stoves or any other apparatus such as amplifiers that emits hea
- ➢ Do not let objects or liquids enter the projector. They may touch dangerous voltage points and short out parts that could result in fire or electric shock.
- ➢ Do not use under the following conditions:
    - In extremely hot, cold or humid environments.
      (i) Ensure that the ambient room temperature is within 5°C ~ 40°C
      (ii) Relative humidity is 10% ~ 85%
    - In areas susceptible to excessive dust and dirt.
    - Near any appliance generating a strong magnetic field.
    - In direct sunlight.
- ➢ Do not use the projector in places where flammable gases or explosives gases may be present in the atmosphere. The lamp inside the projector becomes very hot during operation and the gases may ignite and result in a fire
- ➢ Do not use the unit if it has been physically damaged or abused. Physical damage/abuse would be (but not limited to):
    - Unit has been dropped.
    - Power supply cord or plug has been damaged.
    - Liquid has been spilled on to the projector.
    - Projector has been exposed to rain or moisture.
    - Something has fallen in the projector or something is loose inside

- Do not place the projector on an unstable surface. The projector may fall over resulting in injury or the projector may become damaged.
- Do not block the light coming out of the projector lens when in operation. The light will heat the object and could melt, cause burns or start a fire.
- Please do not open or disassemble the projector as this may cause electric shock.
- Do not attempt to service the unit yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please call Optoma before you send the unit for repair
- The unit should only be repaired by appropriate service personnel.
- Only use attachments/accessories specified by the manufacturer
- Do not look into straight into the projector lens during operation. The bright light may harm your eyes
- When switching the projector off, please ensure the cooling cycle has been completed before disconnecting power. Allow 90 seconds for the projector to cool down.
- Turn off and unplug the power plug from the AC outlet before cleaning the product.
- Use a soft dry cloth with mild detergent to clean the display housing. Do not use abrasive cleaners, waxes or solvents to clean the unit.
- Disconnect the power plug from AC outlet if the product is not being used for a long period of time.
- Do not setup the projector in places where it might be subjected to vibration or shock.
- Do not touch the lens with bare hands.
- Remove battery/batteries from remote control before storage. If the battery/batteries are left in the remote for long periods, they may leak.
- Do not use or store the projector in places where smoke from oil or cigarettes may be present, as it can adversely affect the quality of the projector performance.
- Please follow the correct projector orientation installation as non-standard installation may affect the projector performance.
- Use a power strip and or surge protector. As power outages and brown-outs can KILL devices