

HOLATEK

Smart Projector

HOLATEK - A2

User Manual



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Safety Instructions

Thank you for using HOLATEK Product. Read carefully the following Safety Instructions before using this product. Keep the User Manual after reading for future reference.

Safety Symbol

The User Manual use graphical symbols in order to avoid injury to persons or property. The definitions of graphical symbols are as follows:

 Danger	This symbol indicates information that, if ignored, could possibly result in personal injury or even death due to incorrect handling.
 Warning	This symbol indicates information that, if ignored, could possibly result in potential personal injury or even death due to incorrect handling.
 Caution	This symbol indicates information that, if ignored, could possibly result in potential personal injury or even death due to incorrect handling.

Operation Instructions

Warning!

● Smoke, Unusual Smells, Hot and Others



If smoke, unusual smells, or any other abnormal occurs, stop using the machine immediately. Continuing to use may result in fire or electric shock.

Take the measures immediately as follows:

1. Unplug the power plug from the outlet.
2. Contact your dealer or HOLATEK service center.

● Malfunctions



Abnormal images display or other abnormal situations occur under circumstances of correct operations, stop using the machine immediately. Continuing to use may result in fire or electric shock. Take the measures immediately as follows:

1. Turn off the power.

2. Unplug the power plug.
3. Contact your dealer or **HOLATEK** service center.

● Power Cord



Misusing the power cord may cause the fire and electric shock. Take the following precautions:

1. Use AC voltage and make sure outplace voltage is corresponding to the rated voltage of the machine.
2. Do not overload the electrical outlet by using too many devices on it.



Damaged power cord may cause the fire and electric shock. Take the following precautions:

1. Do not place heavy objects on the power cord or heat the power cord.
2. Do not stick the power cord between the wall and machine's table shelf.
3. Never try to modify the power cord, damage or bend it excessively .
4. Never twist or pull the power cord.



Never touch the power cord or plug with wet hand, which may cause electronic shock.

Use the attached power cord in the country that you buy the machine. When using the machine in other countries, always use the power cord corresponding to the power standard of that country. Meanwhile notice the safety standard of the country.

● Water and Foreign Object



Do not spill the water on the machine. Fire and electric shock may result.



Do not place vase or any other container with water on the top of the machine. Fire and electric shock may result.



Getting water or other liquid, or foreign objects (metal) into the machine may cause the fire and electric shock. If foreign objects (metal) are got into the machine, follow the directions immediately:

1. Turn off the power.
2. Unplug the power plug.
3. Contact your dealer or **HOLATEK** service center.

● **Disassembling and Modifying**



Do not disassemble or modify the machine in any way. The high voltage parts in the machine may cause **electric shock and scalding**. Notice that the malfunctions that caused by dismantling or modifying the machines by yourself are not in the scope of warranty, HOLATEK do not provide free repair.

Make sure refer all the internal checking, debugging and repair works to your dealer or HOLATEK service center.

● **Falling and Shocking**



Continuing to use the damaged machine caused by falling or other reasons may result in fire and electric shock. Take the measures immediately as follows:

1. Turn off the power.
2. Unplug the power plug.
3. Contact your dealer or HOLATEK service center.

● **Burning**



Do not discard the machine by burning. Explosion, fire and personal injury may result.

● **Looking into the Lens or Air Vents When the Lamp is Switched on**



Do not look into the lens or air vents when the lamp is switched on. The hard light from the light machine may damage eyes.

● **Blocking the air vents**



Do not block the air inlet or outlet. Otherwise the internal heat accumulates, which may cause the fire and burn the machine. Make sure to observe the following precautions:

1. Leave the space at least 30 cm between the machine and the wall.
2. Do not place the machine in stagnant air place.
3. Do not cover the machine with the blanket or other objects.
4. Place the machine on the stable and flat surface. Do not use the machine on the carpet, blanket, towel, cushion and any other soft surface.
5. Do not erect the machine when the machine is in process.

● **Lightning**

If there is a thunderstorm, do not touch the power plug.

● **Remote Control**

Never disassemble or modify the remote control in any way.



Otherwise cause electric shock, scalding and personal injury may result.

Make sure refer all the internal checking, debugging and repair works to your dealer or HOLATEK service center.



Do not wet the remote control. Fire and electric shock may result.

● **Wi-Fi Emitted from Radio Module**



Never use the product in the airplane or medical facility, or any other place that forbid the use of the device. Wi-Fi impacts the electronic devices and medical devices, which may cause accident.



Do not use the product near **high-precision electronic instruments** or electronic devices that used for dealing weak radio wave signal. Wi-Fi impacts these devices, which may cause accident.

● If you are using **cardiac pacemaker** or any other electronic medical device, consult the doctor or the product maker before using this product.

Caution!

● **Power Cord**



Misusing the power cord may cause the fire and electric shock. Always follow the directions as follows:

1. Do not place the power cord close to the fire.
2. Hold the plug when disconnecting the power cord; do not pull the power cord.
3. Plug into the bottom of the outlet.
4. Unplug the power cord from the outlet after using the machine.
5. Unplug the power cord from the outlet if the machine will not be used for a long period.
6. Unplug the power cord from the outlet at least one time every year, clean the dust of plug pins with dry cloths or vacuum cleaner.
7. Never use the detergent to clean the power cord, especially the plug pin and jack.
8. Before moving the machine, make sure to turn off the power and unplug the

power cord from the outlet.

● **Important Data Backup**



Backup all the data reserved in the machine memory. The data reserved in the machine memory may be lost because of malfunctions, repair and so on.

● **Refraction Effects**

No fish tank or any other object that has refracting effects in front of the lamp. Fire may result.

● **Lens**

Do not touch the lens with hand.

Battery Instructions

Warning!

Misusing batteries may cause batteries fluid leakage and pollute the parts around, which may cause an explosion, fire and personal injury. Make sure to observe the following precautions:



- Never disassemble or short-circuit the batteries.
- Never place the batteries in high temperature or abundant in fire
- Never recharge the non-rechargeable batteries



Make sure the batteries are installed in the correct way

Caution!

Misusing batteries may cause batteries fluid leakage and pollute the parts around, which may cause an explosion, fire and personal injury. Make sure to observe the following precautions:



- Only use the batteries specified with the remote control

● Exhausted Batteries

Take out the batteries as soon as they run out.



- Take out the batteries if the remote control will not be used for a long period.

● Batteries Discarding

Discard the used batteries according to the local laws and rules.

Others

If the interior of the machine has not been cleaned for a long time, dust may build up, which may cause fire and malfunctions. Contact the dealer or HOLATEK service center one time every year for cleaning the interior of the machine. Notice that this cleaning service is chargeable.

Operation Instructions

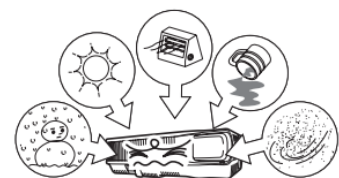
About Lamp

- The lamp of this machine is LED.
- The designed life of the lamp is about 20,000 hours. Practical life differs from the using conditions, setups on the menu and lamps.
- Warranty duration of the lamp wrote in the warranty statement may be 6,000 hours, take the first-reach duration as standard.
- Lamp does not turn on or is obvious low brightness indicates the lamp life ends. Contact your dealer or HOLATEK service center to change.

Other Instructions

This machine consists of precision parts. Malfunctions and incorrect data storing may result if not observing the following instructions.

- **Do not use or store the machine in the following areas, otherwise may cause the malfunctions and damages on the machine.**
 - Static electricity areas
 - Extremely high temperature areas



- High humidity areas
- Areas where temperature may change suddenly
- Areas where is a lot of dust
- Shaky, slant or unstable areas
- Areas where may be got wet

● **Do not use the machine in the following areas, otherwise may cause the malfunctions and damages on the machine.**

- Extreme temperature areas (The working temperatur is 5°C to 35°C)
- Do not place heavy objects on the machine
- Do not insert or fall the foreign objects into th
- Do not place vase or any other containers with wa on the top of the machine.



● **Do not leave the exhausted batteries in the remote control for a long time.**

Exhausted batteries has fluid leakage , which may cause the remote control trouble or even damage.

● **Use soft clean cloth for cleaning**

If the machine is dirty, clean it with the soft cloth soaked in the water or neutral detergent diluted solution. Wring the excess water before cleaning. Never use thinner, benzene or any other volatile agents to clean the machine. The printed word may be erased and may stain the machine.

● **Screen Dot do not Light on**

The machine use the most advantaged digital technology, however, some dots on the screen may not light up. This is a normal phenomenon, not the malfunctions.

● **Do not shock on the machine when it is in process**

If machine suffer fierce shock, the projected images may disappear for a while. The images will appear soon, but could have abnormal color or error messages.

If the machine image color is abnormal, reselect the source. If the color is still abnormal, turn off the machine according to the steps in chapter “Turn on and off the machine” on page 17, and then restart the machine.

● **Cautions After Using**

The outlet and its around is very hot when the machine is in process, and is still very hot when the machine is just turned off, so hold the two flanks to move the machine.

● **Take the Machine into the Carrying Bag**

Make sure the machine is not hot before taking it into the carrying bag.

Open Package

Unpack the package box, and check below items is complete.



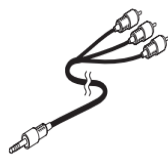
HOLATEK Home Theater



Remote control



AC power cord



AV-IN cord



mini VGA cord



User Manual

Software Installation

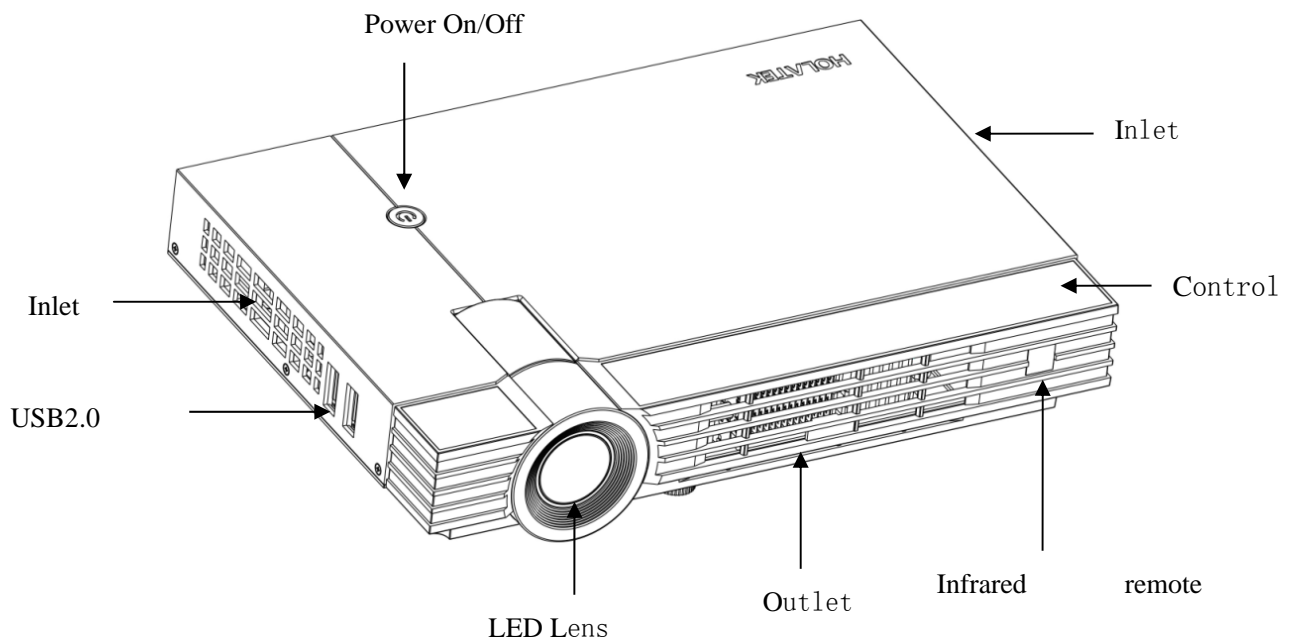
Computer software driver can be downloaded on the HOLATEK website.

Download link:

<http://www.holatek.cn/supports.html>

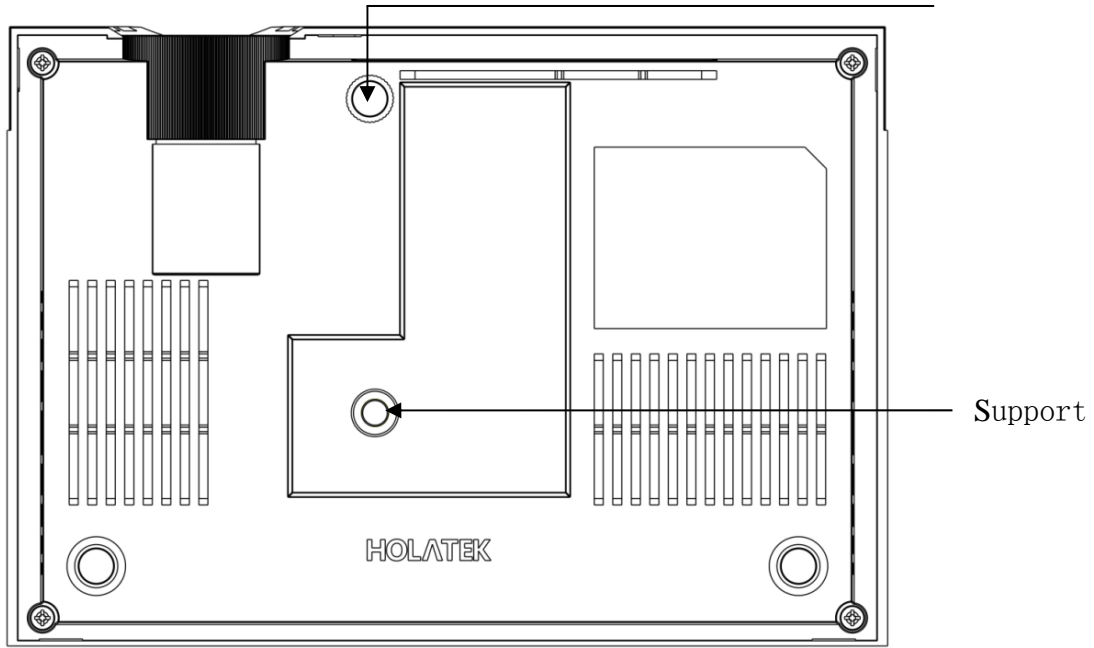
Control Positions and Functions

[Top/Front/Left]

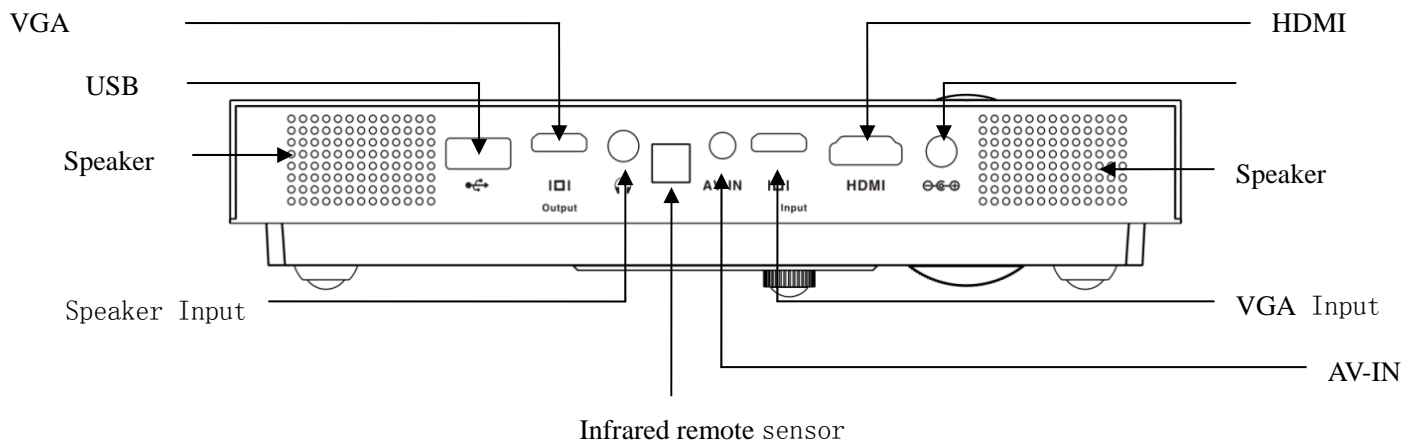


[Bottom]

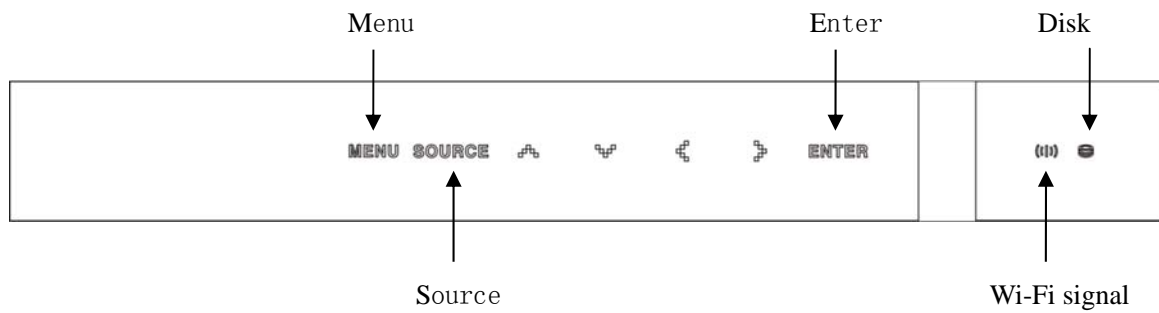
Adjustable pin



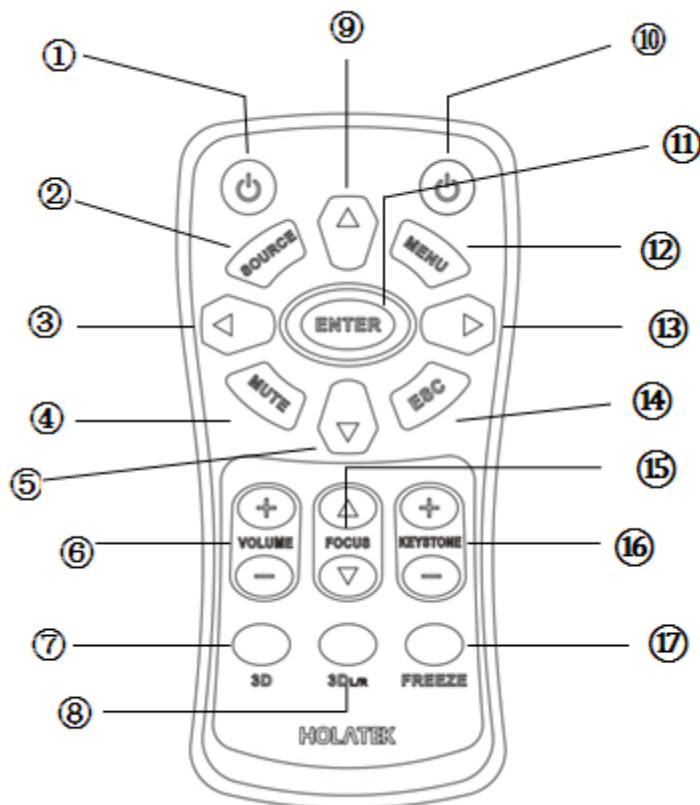
[Back]



[Control Panel]



Remote Control Functions



① Power On/Off PC and Projector

② Source

⑨ Enter

⑫ Menu setup

⑬ Right

⑭ ESC

- ③ **Left**
- ④ **Mute**
- ⑤ **Down**
- ⑥ **Volume**
- ⑦ **3D module menu**
- ⑧ **3D Left/Right Eye Switching**
- ⑨ **Up**
- ⑩ **Power On/Off Machine**

Remote Control Range

Both in the front and back of the machine have infrared remote (IR) sensors. Hold the remote control; take the angle with IR sensor less than 30 degrees to make it effective. The distance between the remote control and IR sensor cannot be longer than 8 m (about 26 inch)

Do not place any barrier that blocks the IR between the IR sensors on the remote control and that on the machine.

Caution!

- Avoid excessive heat and humid.
- Do not place the remote control where the buttons may be pressed accidentally to avoid using out the batteries
- Do not throw the batteries into the fire, which may cause an explosion.
- Take out the batteries to prevent damages from fluid leakage if the batteries are used out or the remote control will not be used for a long time

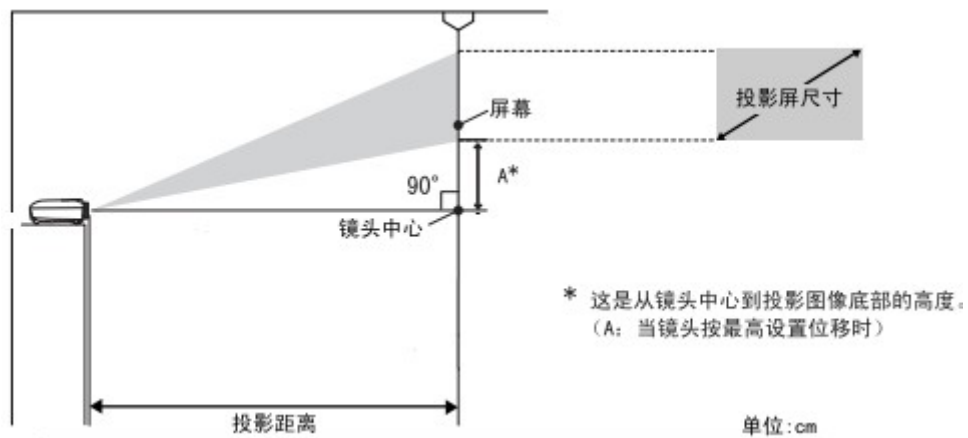
Projection Image

Installation

Adjusting Projection Size

Longer the distance between the home theater projector and the wall, bigger the machine image size.

Refer to the table below to obtain the best size image



屏幕 screen

投影屏尺寸 projection screen size

镜头中心 lens center

投影距离 distance

* The height from the lens center to the bottom of the projection image (A: when move the lens at its top height)

单位 units

Distance

Units:

m

Screen Size	40	80	100	150	200	250	300
Min Distance	1.2	2.3	2.9	4.4	5.9	7.3	8.8
Max Distance	1.4	2.8	3.6	5.4	7.2	9.0	10.7

There may be a slight different between the designed value and practical value in the table.

NOTE!

- The lens of the machine is adjustable, the max tilt is up 40 angle ($+40^\circ$),and max tilt down 40 angle (-40°)
- Auto correcting keystone range record is 0 ± 40 angle. **If the image tilts downward, use the manual correcting keystone to adjust the image.**

Projection Instructions

Warning!

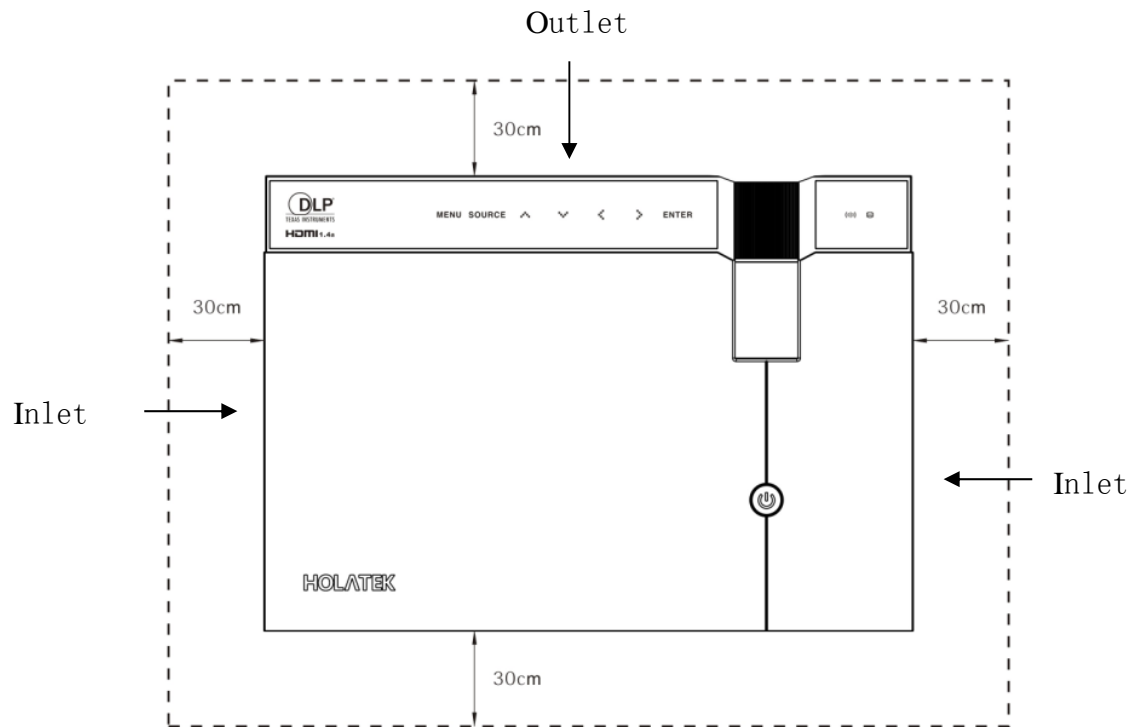
- If installing the machine on the ceiling, this machine should be installed by refer qualified technicians using only approved equipment. If installation work is not carried out correctly, the machine could fall down. This may cause personal injury or accident. Contact you dealer to install the machine correctly.
- If using adhesives on the ceiling mount to prevent the screws from loosening, or if using things such as lubricant, oils on the machine, the machine case may crack causing it fall from the ceiling mount. This could cause injury to anyone under the ceiling mount and could damage the machine.

When installing or adjusting the ceiling mount, do not use adhesives to prevent the screws from loosening and do not use lubricant, oils and so on.

Caution!

Working conditions has great effect on the machine efficiency. Use the machine in the conditions as follows:

- Use the close and easy-using outlet in order to unplug the power cord at any time when it is necessary
Do not place any object inside the dotted line as the figure below. Leave the distance no less than 30 cm between any object and the inlet or outlet.

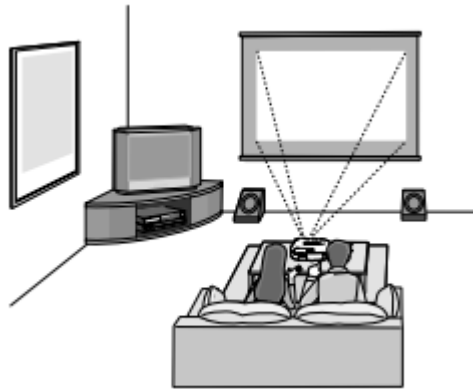


Reserve enough space; do not block the inlet and outlet.

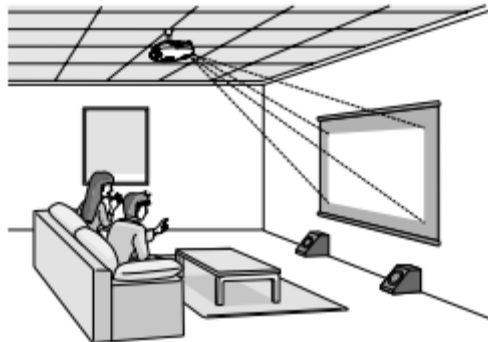
- The outlet is extreme hot when the machine is in process. Do not touch it with hand. It is also extreme hot near the outlet. Never place the plastic or any other object that are sensitive to heat near or below the machine. The heat may cause deformation and color change.
- Do not place the machine on the unstable or shaky surface. Never place the machine on the carpet, blanket, towel or any other soft object.
- Do not place the machine where is exposed to direct sunlight.
- Do not place the machine where there is a lot of humidity or dust.
- Keep the machine far away from speakers, televisions, radio and other magnetic devices, and heater.
- Dust and dirty may build up in the inlet and around after the machine is used for a long period of time, which may cause malfunctions. Check if dust built up at the inlet every time before using the machine. Wipe the dust with cloths if **there is** dust and dirty in the inlet.
- Do not block the inlet. Block the inlet may reduce the light source life.

- Airflow from the air conditioner will blow the heat exhausted by the lens, which cause heat wave in the image. Adjust the air conditioner or move the machine if this situation turns up.
- Do not place it on one of its side to use the machine, malfunctions may result.

Projecting in the front



Projecting from the ceiling



Basic Operations

Starting and Stopping the Machine

AC power Instructions





- Use the AC power cord attached with the machine
- Use AC power of which outplace voltage corresponds to rated voltage of the machine

- Do not share the outlet with other devices. Make sure the rated current corresponds to power consumption of this machine if using extension cord.
- Do not use the bundled power cord
- Do not place objects on the power cord or step on it.
- Do not pull the power cord. Hold the plug when disconnecting it from the outlet.
- Use the close and easy-using outlet in order to unplug the power cord at any time when it is necessary




Connect the power inlet with attached AC power cord.

The power on/off indicator on the top of the machine turns to orange when the power cord is connected to the outlet, which means the machine is normal and standby.

Turning on the Machine

Press  (power) on the top of the machine or  (power) (red) on the remote control to turn on and off the complaceer power,  (power) (blue) on the remote control only turn on and off the project function. When  on the top of the machine lights as white, it indicates that PC disk has started, when the white indicator flashes continuously, it indicates that PC is reading the disc, when the white indicator turns dark, it indicates that the disc has stopped operation.

Turning off the Machine

1. Press  (power) on the top of the machine to turn off the power.
2. Press  (power) (red) on the remote control and confirm the message “Power off ?Press the power again” displayed at the right down corner of the screen.
 - If you do not turn off the power, the message disappears after 5 seconds. Press [ESC] also can remove the message.
3. Check and make sure that  (power) on the top of the machine turns to orange, lens blue light circle goes out and unplug the power cord from the outlet.
4. Make sure that the machine, connected external computer or vedio device are truned off, unplug the power cord from the connected devices.

Selecting Language

Chinese is the default language when the first time to turn on the machine, follow the steps if you need to change into other languages.

Use the control panel or remote control, press [MENU], and press [∨] or [∧] to select [Machine setup1], then press [ENTER] to select the language, and then press [MENU] to confirm the selection.

Selecting Input Source

When turning on the machine, the input source selected at last time will be the first choice. To select other input sources, follow the steps.

1. Press [SOURCE]
2. Use [▲] and [▼] on the remote control to select the input source name, then press [ENTER].

Adjusting Image

How to Adjust the Focus

[FOCUS▲] and [FOCUS▼] on the remote control to adjust the focus, release the button when adjustment is done.

Use the control pane, press [MENU] and press [∨] or [∧] to select [Machine setup2], then press [Focus], and [<] or [>] to adjust, and then press [MENU] to logoff the operation.

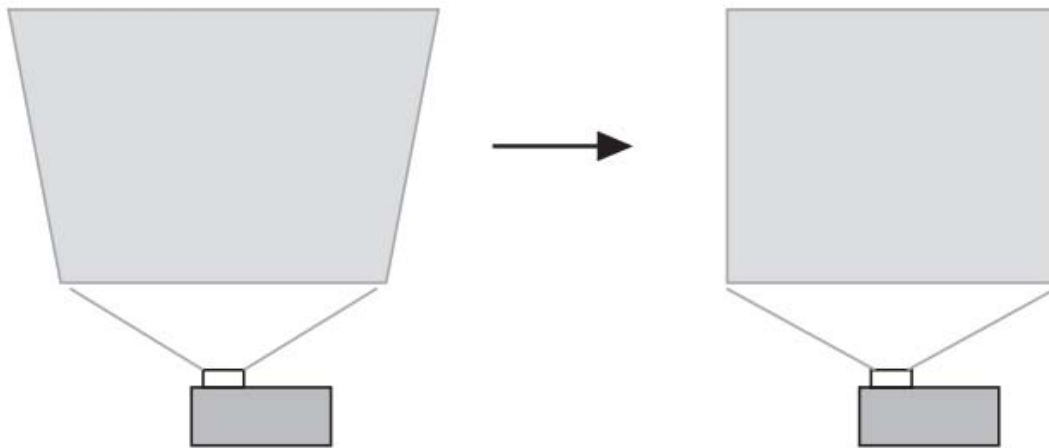
Correcting Keystone

When there is a certain angle between the machine and the projection screen or the wall, the upper and lower sides length of projection image may be different, this is called “keystone”. This machine has the function of auto and manual correcting keystone to adjust the projection image.

Auto Correcting Keystone

Set the menu “Machine setup1→Auto correcting keystone” to “On”, and machine checks main body of the image in vertical direction, then auto adjust the shape to oblong.

- The range of Auto correcting keystone is $\pm 40^\circ$



Manual Correcting Keystone

[KEystone+] or [KEystone-] on the remote control to correct keystone.

Use the control pane, press [MENU] and press [V] or [^] to select [Image setup], then press [Keystone], and [<] or [>] to adjust, and then press [MENU] to logoff the operation.

3D Function

Turning on 3D

Turning on the 3D film source, press [3D] on the remote control to select [Left / Right mode] or [Up / Down mode], and then press [ENTER] to turn on 3D function.

2D TO 3D

Turning on the 2D film source, press [3D] on the remote control to select [2D TO 3D], and then press [ENTER] to turn on 2D TO 3D function.

Switching 3D Left/Right Eye

If you feel uncomfortable or the images have no 3D effect when watching 3D film, use [3DL/R] on the remote control to adjust.

Turning off 3D

Press [3D] on the remote control to select [2D], and press [ENTER] to turn off 2D TO 3D function.

Settings

When the machine in process, press [MENU] to display the settings on the projection. Settings applies to setups of different machines.

Settings List

Main Menu	Sub Manu
Image Adjust1	Brightness
	Contrast
	Color balance
	Restore menu default
Image Adjust2	Horizontal location
	Vertical location
	Adjust the clock
	Phrase
	Restore menu default
Volume	Volume
	Restore menu default
Image Setup	Keystone
	Projection mode
	Ceiling project
	Starting image
	Aspect ratio
	Blank image
	Restore menu default
Input Setup	Signal name sign
	Restore menu default
Machine Setup1	Auto correct keystone
	Energy saving module
	Auto power-off
	Language
	Restore menu default

Machine Setup2	Focus
Operation Information	Input signal
	Signal name
	Horizontal Frequency
	Vertical Frequency
	Scanning system
All restore to default	Lamp running time
	Software version
	Restore menu default

User Maintenance

About Lamp




If the lamp does not turned on, contact you dealer or **HOLATEK** service center and refer them to change. Notice that those malfunctions caused by disassembling or modifying by yourself are out of the range for warranty, **HOLATEK** do not supply free repair service

Indicator

Troubleshooting

Check the following items if the machine has any problem:

The machine does not turn on

Cause	Solution	
Indicator	Display	Meaning
	lit orange	AC power is connected and ready for start.
	lit blue	PC is turned on and standby
	lit white	Disc is connected and standby
	lit white flashing	Disc is operating.
	lit white	Wi-Fi is on and standby
	lit white flashing	Wi-Fi is operating.
The power cord is not alive.		Connect the machine power interface and outlet with the power cords, and confirm the outlet switch is turned on.

No image appear

Cause	Solution
Not selecting correct input signal	Use [SOURCE] on the machine or remote control to select correct input signal
The machine does not connect with the input signal device correctly.	Check the connection
Video signal source does not turn on or error connection	Turn on video signal source and check if the signal cord is error connected

Images are fuzzy

Cause	Solution
Lens does not focus correctly	Use the remote control to adjust the lens focus
Machine and screen are not aligned.	Adjust the projection angle and direction, or adjust the height if necessary.

Remote control failure

Cause	Solution
Low batteries	Change the batteries
There is object between remote control and machine	Remove the barriers
Too far from the machine	Keep the distance no more than 8 m (26 inch)

NOTE!

- Try the following instructions, which may recover the machine
 1. Unplug the power cord and wait more than 10 minutes.
 2. Plug the power cord back and restart the machine.
- If the machine is still abnormal after operating the above instructions , send the machine to your dealer or HOLATEK service center

Specification

The specification may be changed without further notice.

Optical Parameters

Brightness (lumina)	1000
Machine system	DLP
DLP chip (Texas Instruments)	Size: 0.45 inch Pixel: WXGA (1280×800)
Light source	LED

PC Parameters

CPU	Intel D2550 dual core 1.86GHZ, four threads, 1MB L2 Cache
Graphics card	640MHz Intel GMA 3650 graphics card (shared memory 128/224MB)
RAM	4GB DDR3-1333/1066
Disc	64GB solid disc
WLAN	Support 802.11b/g/n

Input ports

Video input	Mini VGA×1
	HDMI1.4a×1
	AV-IN×1
USB	USB2.0×3
Control	infrared×2

Machine

Weight	Approx. 1.5 kg
Net size	length: 204mm
	width: 143mm
	height: 35mm

Electricity

Power	DC 19V/4.74A
Power consumption	50W (Max) <1W (Min)

Environment

Working temperature	5 to 35° C
Working humidity	20% to 80% (no condensing)
Working height	Altitude 0 to 3,000 m

Output ports

Video outplace	Mini VGA×1
Speaker	(stereo) 2W×2
Audio signal	PC audio interface×1

Warranty and Copyright Information

Limited Warranty

HOLATEK supply warranty to any material or artificial defect of this product under circumstance of abnormal using and storing.

Be sure to supply the purchase date certificate when repairing the product, if defect is found during the warranty period, **HOLATEK has the only obligation and measures to change the defect part (including sanction fee)**. Once defect is found on the product, inform the dealer to obtain warranty service.

NOTE: HOLATEK limited warranty does not cover those defects that arise as a result of abnormally use of the product. Especially using the product in the places where humidity between 20% to 80%, and altitude lower than 3,000 meter, and avoid using the product in the places where is a lot of dust. This warranty statement gives the customer specific legal rights, and the customer may also have other rights which depend on the country you live.

Copyright

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Disclaimer

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*DLP is the trademark of Texas Instruments. Others are copyrights of their corporations or organizations

HOLATEK

WARRANTY

CERTIFICATE

Thank you for purchasing HOLATEK product

According to this warranty statement, **during** the applicable warranty period, HOLATEK provides free repairs to all the malfunctions that are caused by product quality under circumstance of normally use.

Warranty Statement

Member Warranty

Register on the official website (www.holatek.cn) 7 days after purchasing the product to obtain 1 year warranty service.

Product Warranty Strategy:

According to *Microcomputer Commodity Repair, Replace, Refund Responsibility Regulations*, refer as to “*Three guarantees*”, customer can obtain repair, replace or refund service with invoice and three guarantees certificate. Refer to “*Three guarantees*” for details.

Machine Warranty:

12 months start from the date on the purchase invoice.

If customer lost the invoice/three guarantees certificate, the guarantee date starts from the 90th day after the production date.

Unlimited Warranty

- Three guarantees valid period expires
- No valid invoice and three guarantees certificate (not including the certificate that can prove the product is in valid period)
- The product number on the product warranty certificate or purchase certificate does not correspond to the number of machine or the number is altered.
- Damages caused by human factors, including using in abnormal working environment or misusing the product.
- Users disassemble, repair, modify the machine or unauthorized repairs.
- Damages caused by force majeure (such as flood, fire, earthquake, lightning and so on).

Warranty Ways

1. Make sure to bring the warranty invoice and valid purchase certificate when replace or repair the product. Contact HOLATEK customer service to inquire the customer information files if the certificate is lost (the files are built up by registering online after purchase)
2. You can go to any maintenance center (refer to the official website) in your country to replace or repair the product.
3. You can post to HOLATEK Ltd. Co. to replace or repair the product.

4. According to “*Three guarantees*”, for those products which are in the range of being replaced, HOLATEK Ltd. Co. will offer the same model and the same specification product to replace free of charge.

Service hotline: 400-622-0138

Original

NO.

Product Name:
Product Model No.:
Serial No. :
Purchase Date:
Store Telephone:
Dealer Seal:

Customer Name:
Customer Address:
Customer Phone:
Code:
ID No.:
E-mail:

* This certificate is an important warrant of three guarantees commodity, please keep it in a right way.

Stick the invoice on this page to prevent it being lost or missing, it increases the troubles when you go to repair if the invoice is lost or missing. Taking this manual by hand must be convenient for repairs and inquiry.

Stick invoice here

HOLTEK service Good! Comfortable! Easy!

HOLATEK

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 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 device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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