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for material number reference only.



**SIM2 MULTIMEDIA S.R.L.**

# DOMINO

by SIM2



## **Instructions for Laser Projector Use**

(DTV S)



## Warm Tips

Please carefully read the instructions before using the product and keep it properly. The company disclaims any responsibility for accidents caused by violating the safety precautions and instructions in this manual.



Users are not allowed to open the casing without authorization because of high voltage in this product. Non-professional maintenance personnel shall not repair the product, replace parts or open the internal optical machine without authorization for the sake of avoiding electric shock and fire accidents.



## Energy Saving Tips:

When the machine is not in use, please select AC shutdown after standby (unplug the power plug) to reduce energy consumption.

Warning: This product is a Class I device and does not need to be grounded.

Laser safety parameters of the whole device:

Laser safety standard: Class I laser product, meeting the safety standard of GB 7247.1.2012

Radiation parameters:

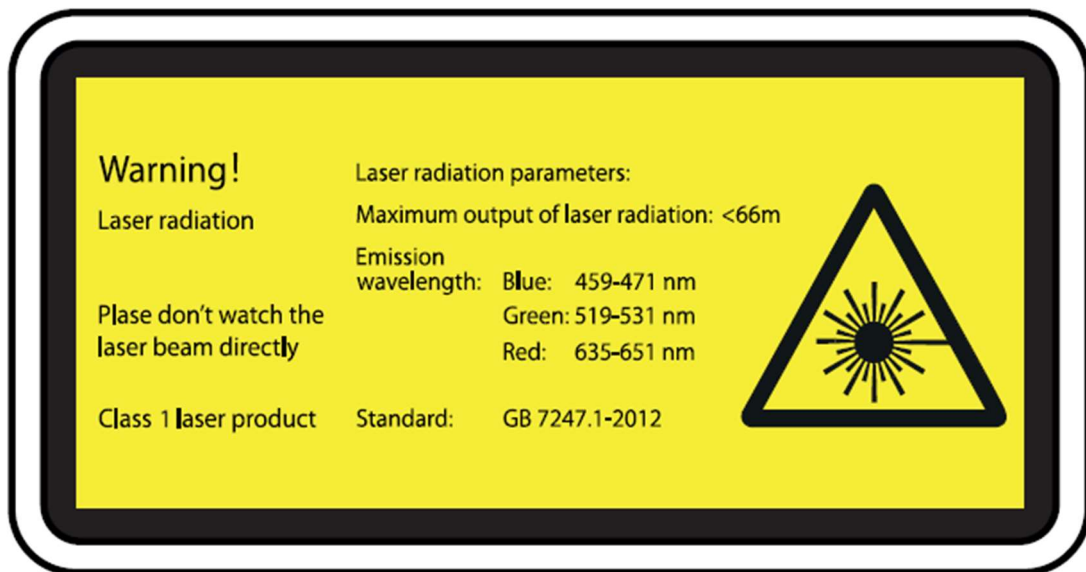
- Maximum output of laser radiation:  $\leq 66\text{mW}$
- Emission wavelength: Blue ray: 459-471nm

Green ray: 519-531nm

Red ray: 635-651nm

Class 1 laser product do not stare into beam. The bright light may result in permanent eye damage when the projector is on

Warning and explanation label



CAUTION: Do not look into the lens

## Symbol Descriptions



This triangle pattern with lightning-shaped arrow is a warning symbol to remind you that the voltage inside the product is dangerous.

Matters needing attention



This triangle pattern with exclamation mark is a warning symbol to remind you of important instructions related to the product.

→ Next step



## Important Notes

Please read the following carefully before using this product:

### 1. Safety Warnings

⚠ In case of thunderstorm, please unplug the power plug and the network cable to avoid damage to the machine.

⚠ This product uses the power plug as the power disconnecting device. The socket should be installed near the product for easy access and sundries cannot be stacked around the socket for the sake of convenient use.

⚠ If you do not use this product for a long time, please unplug the power plug. Do not pull the power cord when unplugging the power plug.

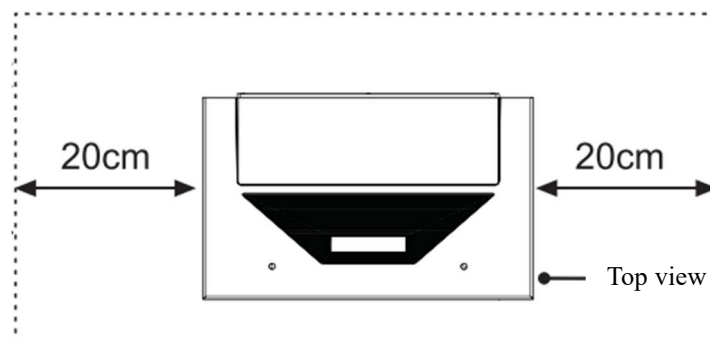
⚠ If you find any abnormal sound or smell, or find that there is only sound but no image on the machine, please turn off the power immediately, unplug the power plug from the socket, and contact the after-sales personnel as soon as possible.

- Please do not have any object on the power cord and signal wire.
- Please do not overload the power socket and ensure that the socket you use is a qualified product passing national safety certification.
- Do not place exposed flame sources (such as lighted candles) on the machine, and keep the machine away from high-temperature and heating objects.
- Do not expose this machine to water droplets or splashes, or place objects filled with liquids, such as vases, cosmetics or liquid medicines on the machine.
- If foreign objects or liquids fall into the machine, please pull out the power plug immediately and contact the after-sales personnel as soon as possible.
- Beware of children standing on or climbing on the machine.
- Condensation may occur to the machine after it is moved from a low-temperature area to a warm area. In order to make the condensation fully dry inside the machine, it should be powered on after 24 hours.
- Do not look directly at the lens after the machine is powered on because the strong light emitted by the lens may hurt your eyes.
- Please do not expose the battery to sunlight, fire and other overheated environment, otherwise there will be explosion risk.

### 2. Precautions for Installation and Placement

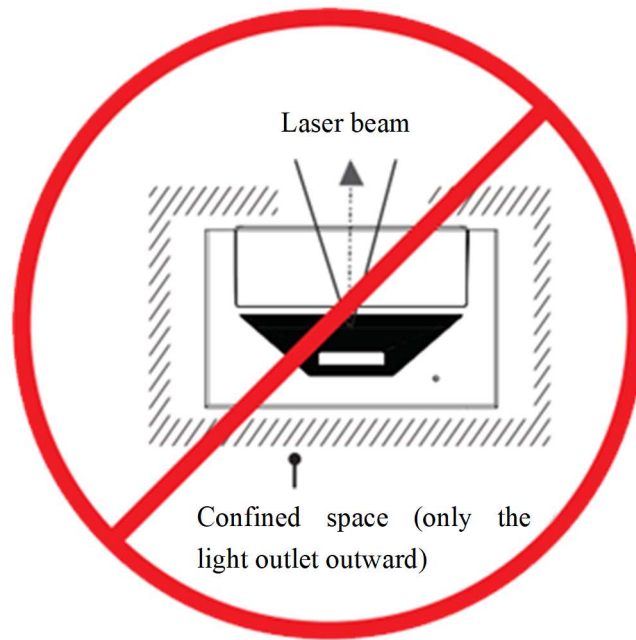
- The product shall be installed by professionals from the manufacturer. The company disclaims any responsibility for installation errors, product damage or personal accidents caused by installation by unqualified personnel.

- The machine should be placed in a flat and stable place, instead of somewhere prone to shaking.
- Please do not place the machine in high-temperature places where there is direct sunlight or heating devices, places where water, oil and smoke can easily enter the machine, or places where there is much dust and is moist.
- Please do not place the machine in a poorly ventilated or enclosed place.
- When the cabinet surface is sprayed with paint or other substances with organic solvent and grease, the rubber pad of the base may have a slight chemical reaction with it, resulting in slight corrosion on the cabinet surface. Therefore, we recommend that the user put protective materials (such as cardboard or glass plate) on the cabinet first before placing the machine.
- We recommend that two or more people load, unload and move the machine. When moving it, please avoid shocks, and especially protect its light-emitting lens.
- The engineering plastics, insulating varnish on the internal transformer and rubber parts used for the shell of the newly purchased product will emit certain smell like newly purchased furniture, and it becomes stronger when the temperature rises. The smell is determined by the composition of materials. The material solutions we use fully meet national regulations on environmental protection, so consumers can use them at ease. The smell will gradually decrease and eventually disappear during the use of machine. Please keep the environment ventilated.
- The wired network antenna connected to the machine must be isolated from the protective grounding; otherwise, it may cause fire and other accidents.
- Do not block vents or place sundries on the machine to ensure good heat dissipation effect. Do not place the machine in a narrow and enclosed space that is not conducive to air circulation.
- The installation is as shown in the figure. Leave a space around the machine for ventilation.



At a minimum, leave the amount of space shown in the diagram below for this device to have proper ventilation.

- Do not install the machine as shown in the figure below.



Insufficient ventilation space may cause this device to overheat or become damaged or even fired.



### 3. Precautions for Use

⚠ Please do not try to disassemble or repair any part of this device by yourself, which may cause damage to it and personal injury, and invalidate your product warranty.

⚠ If this device gets dirty, please unplug its power plug and wipe it with a semi dried soft cloth dipped with a small amount of diluted neutral detergent, but do not wipe it repeatedly to avoid scratching. Do not use alcohol, gasoline, acid, alkali, detergent, volatile oil, diluent and other solvents to wipe this device because these solvents may deteriorate the materials or damage the painted surface. If rubber or vinyl products are exposed to this device for a long time, stains may be caused.

⚠ Please do not directly wipe light-emitting lens with your hands, ordinary cleaning paper or cleaning cloth. For oil stains and fingerprints, please ask professionals to wipe them carefully with cleaning cloth for optical use, lens wiping paper or professional cleaning solution for the sake of avoiding damaging the optical coating and affecting the image quality.

⚠ Please do not touch the signal connector or reach into the heat dissipation hole with sharp objects or metal, so as to avoid damage to the product or electric shock caused by short circuit.

⚠ Please do not cover this device with articles such as newspapers, tablecloths and curtains, so as not to hinder ventilation and affect heat dissipation. Otherwise, it may affect the service life of this device and even cause safety accidents such as fire.

- When this device is working or after it is powered off, do not touch the air vent and upper cover if they are still touched hot.
- Please do not cut off the power directly when this device is working. If you need to shut down this device, please press the standby button on the remote control.
- Watch from an appropriate distance. The best distance is 1.5 times the diagonal length of the screen.
- The volume should be kept appropriate, so as not to disturb the neighbors, especially at night.

## 4. Laser

Laser safety parameters of the whole device:

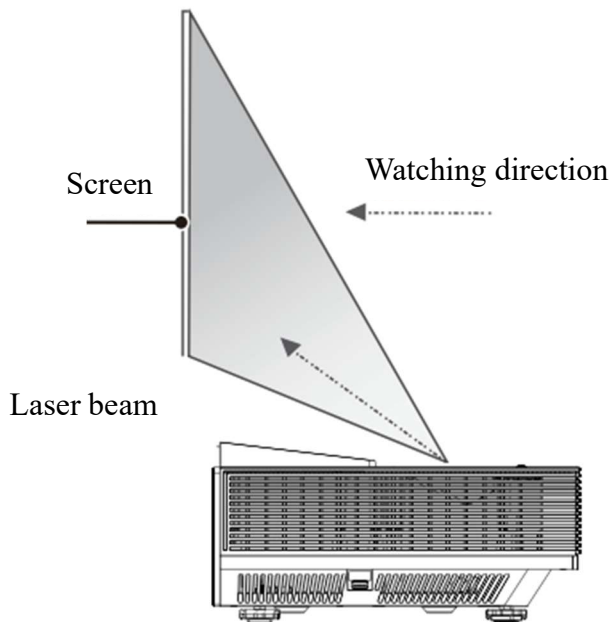
Laser safety standard: Class I laser product, meeting the safety standard of GB 7247.1

Radiation parameters:

- Maximum output of laser radiation:  $\leq 66\text{mW}$
- Emission wavelength: Blue ray: 459-471nm

Green ray: 519-531nm

Red ray: 635-651nm



Safety warnings:

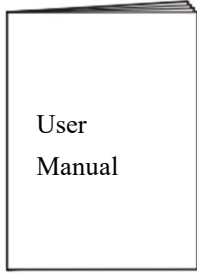
- This product bears a laser module. Do not disassemble or modify this device in a way not specified in the user manual, otherwise personal injury may be caused.
- Please do not look directly at the laser beam as this is a Class I laser product. If there is a need to repair it, please wear a laser protective eye mask with  $OD \geq 4$  and wavelength ranging from 459 to 651nm



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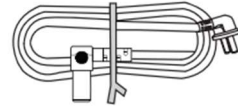
# 1 Device Accessories



User Manual \* 1



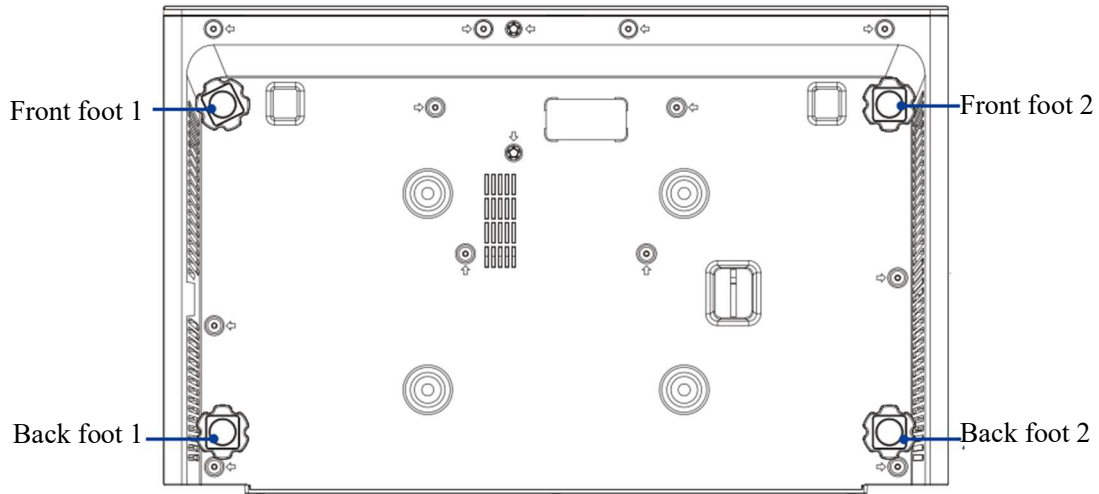
Remote control \* 1



Power cord \* 1

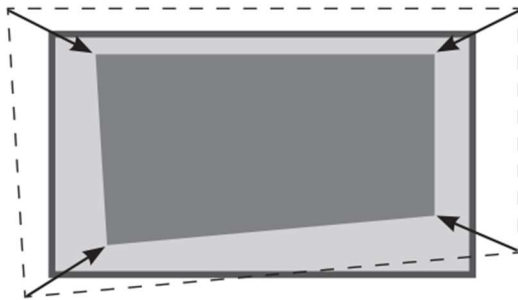
## 2

### Feet Adjustment to Calibrate the Display Screen

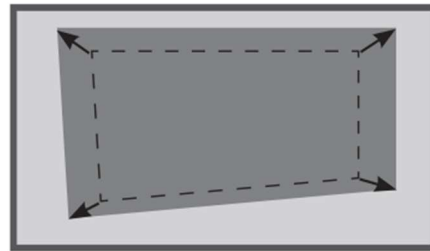


#### Fit the Image to the Screen

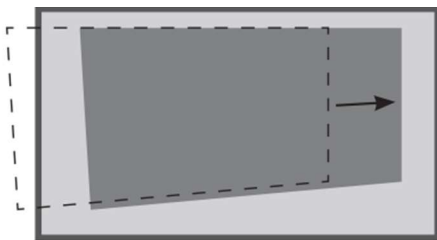
[Note] Feet rotation of this device is described from an overlooking view.



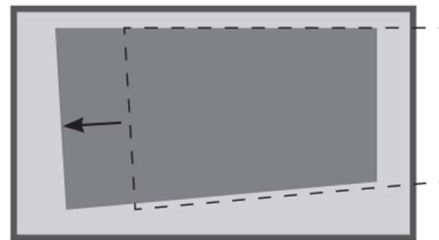
1. If the image is wider than the screen, move the projector forward.



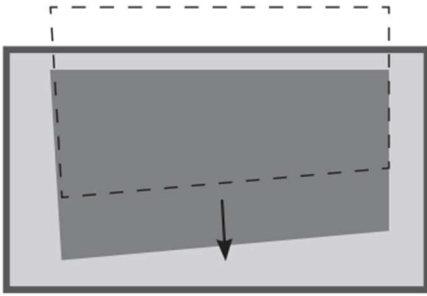
2. If the image is narrower than the screen, move the projector backward.



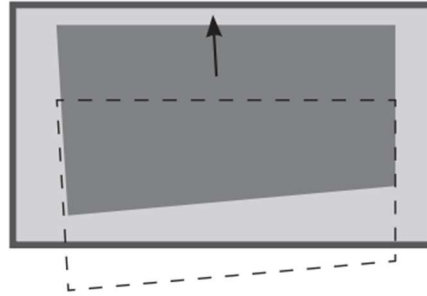
3. If the image shifts to the left side, move the projector to the right.



4. If the image shifts to the right side, move the projector to the left.

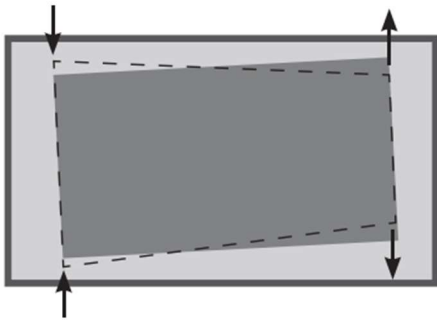


5. If the image shifts to the upper side, rotate the feet of the projector clockwise.

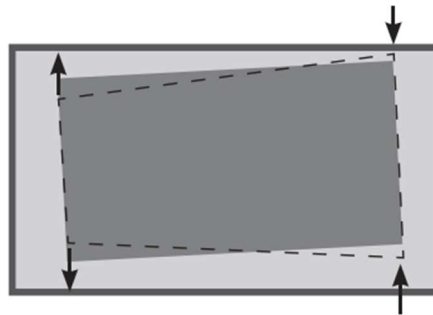


6. If the image shifts to the lower side, rotate the feet of the projector counterclockwise.

### Adjust Length of the Left and Right Side of the Image

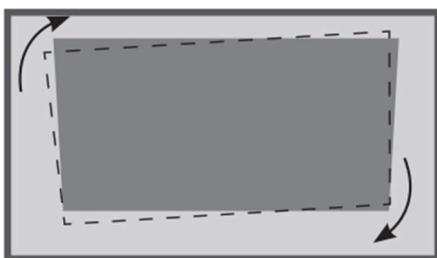


1. If the right side of the image is shorter than the left side, please rotate the projector clockwise.

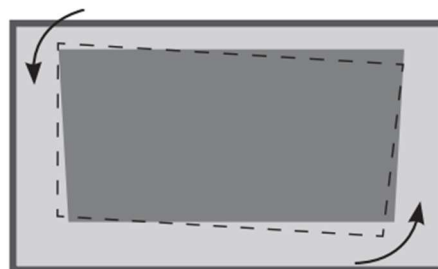


2. If the left side of the image is shorter than the right side, please rotate the projector counterclockwise.

### Parallel the Bottom of the Image with the Screen



1. If the bottom of the image is lower on the left and higher on the right, please rotate the front foot 2 and back foot 2 clockwise and the front foot 1 and back foot 1 counterclockwise.



2. If the bottom of the image is lower on the right and higher on the left, please rotate the front foot 2 and back foot 2 counterclockwise and the front foot 1 and back foot 1 clockwise.

## Adjust Length of the Top and Bottom of the Image



1. If the image is longer at the top and shorter at the bottom, please rotate the back foot 1 / back foot 2 clockwise or rotate the front foot 1 / front foot 2 counterclockwise.



2. If the image is shorter at the top and longer at the bottom, rotate the back foot 1 / back foot 2 counterclockwise or rotate the front foot 1 / front foot 2 clockwise.

## Enlarge the Image (Rectangle) to Fit the Screen



If the image is narrower than the screen, move the projector backward.

## Move the Image (Rectangle) to the Left



If the image shifts to the right side, move the projector to the left.

## Move the Image (Rectangle) to the Right



If the image shifts to the left side, move the projector to the right.

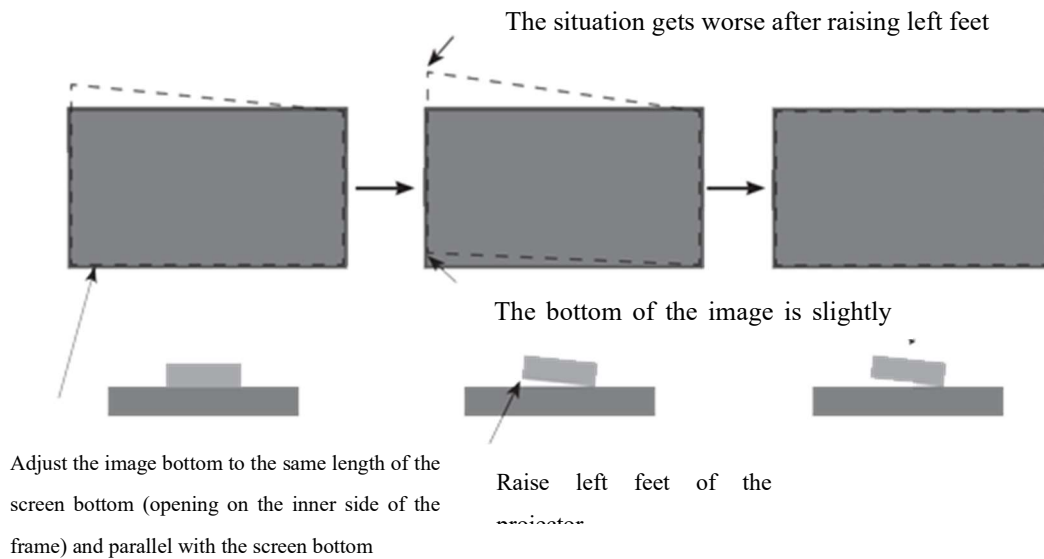
## Lock



After fitting the image to the screen, please keep the projector still to avoid collision.

## Typical Approaches to Geometric Distortion Adjustment

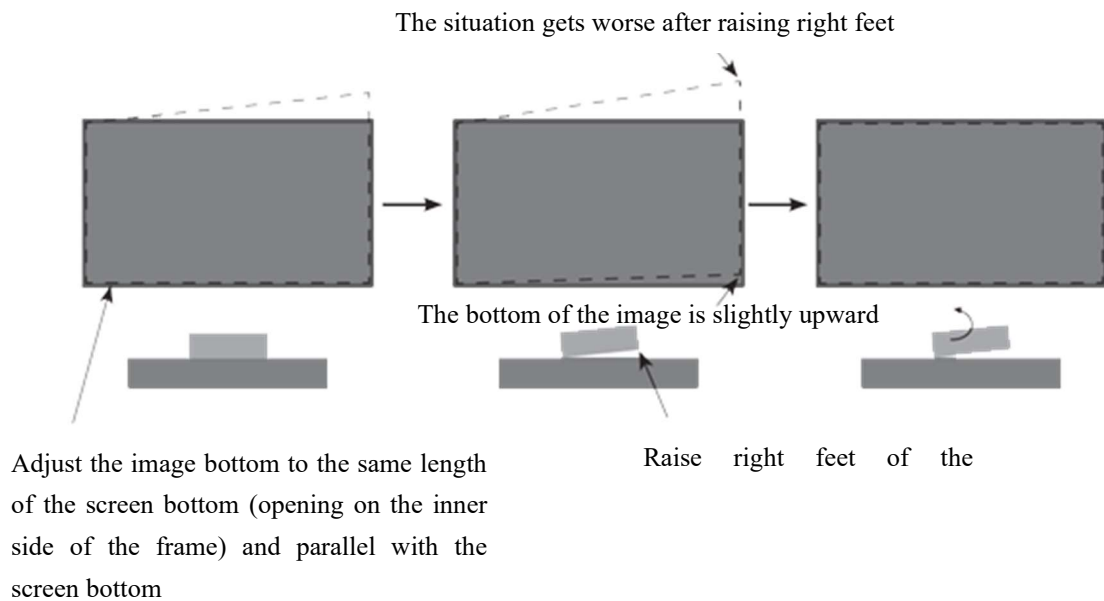
- Adjust the Upper-left Corner of the Image



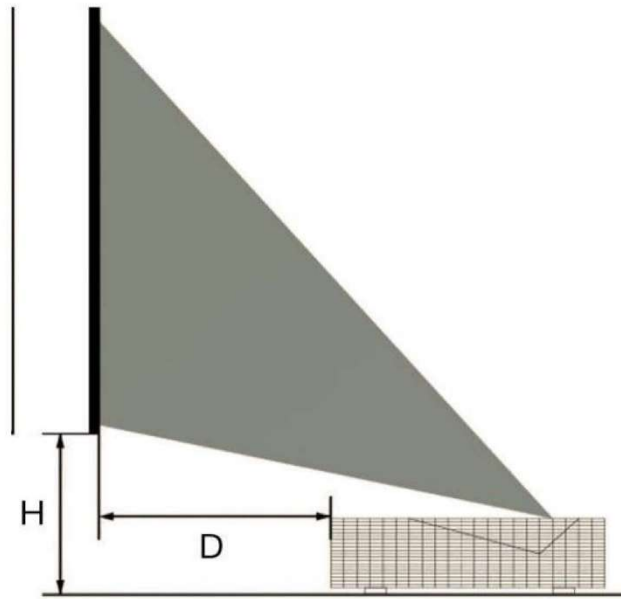
1. If the top of the image is higher on the left and lower on the right, please raise the back foot 1 and the front foot 1 by the same height.
2. Rotate the projector clockwise to make image parallel with the screen.
3. If the situation remains after adjustment, please follow the above steps to further raise the back foot 1 and front foot 1 and rotate the projector clockwise to make image parallel with the screen.
4. If the upper-left corner is inside the screen after adjusting, it means that feet are raised too high. It is necessary to lower the back foot 1 and the front foot 1 by the same height and rotate the projector counterclockwise to make image parallel with the screen.



- Adjust the Upper-right Corner of the Image



1. If the top of the image is higher on the right and lower on the left, please raise the back foot 2 and the front foot 2 by the same height.
2. Rotate the projector counterclockwise to make image parallel with the screen.
3. If the situation still exists after adjustment, please follow the above steps to further raise the back foot 2 and front foot 2 and rotate the projector counterclockwise to make image parallel with the screen.
4. If the upper-right corner is inside the screen after adjusting, it means that feet are raised too high. It is necessary to lower the back foot 2 and the front foot 2 by the same height and rotate the projector clockwise to make image parallel with the screen.



Display Size	100inch	110inch	120inch
H(mm)	352	377	402
D(mm)	245	295	346

\* Display size is the diagonal screen

\* Due to mechanical tolerances the above numbers could change of  $\pm 5\%$ ; please consider this while designing your installation.

H: The “**H**” is the distance from the bottom of the DTV-S to the lower edge of the screen

W: The “**D**” is the distance from rear of the DTV-S to the surface of the screen.

In case of ceiling installation refer to page 29.

### 3 Settings Adjustment

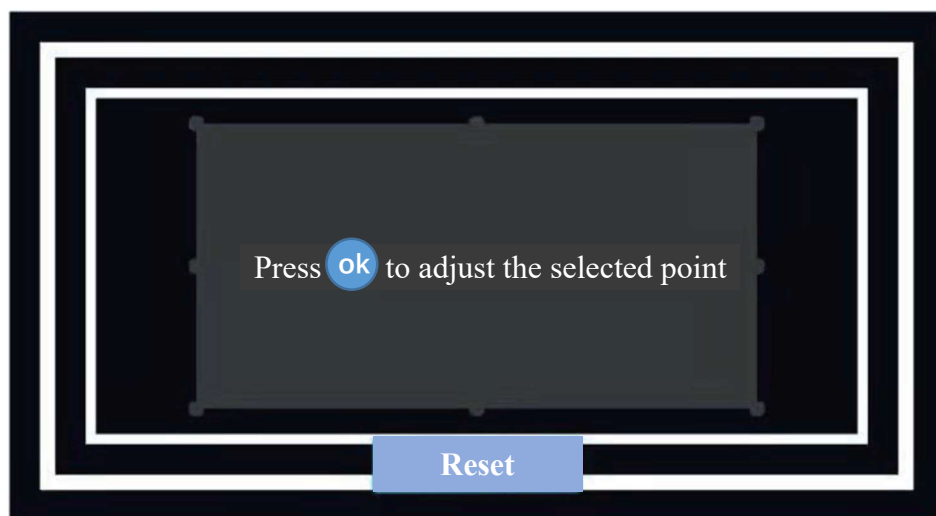
Focus adjustment:

Settings - Optical Machine - Focus, adjust it by pressing Up / Down buttons on the remote control.

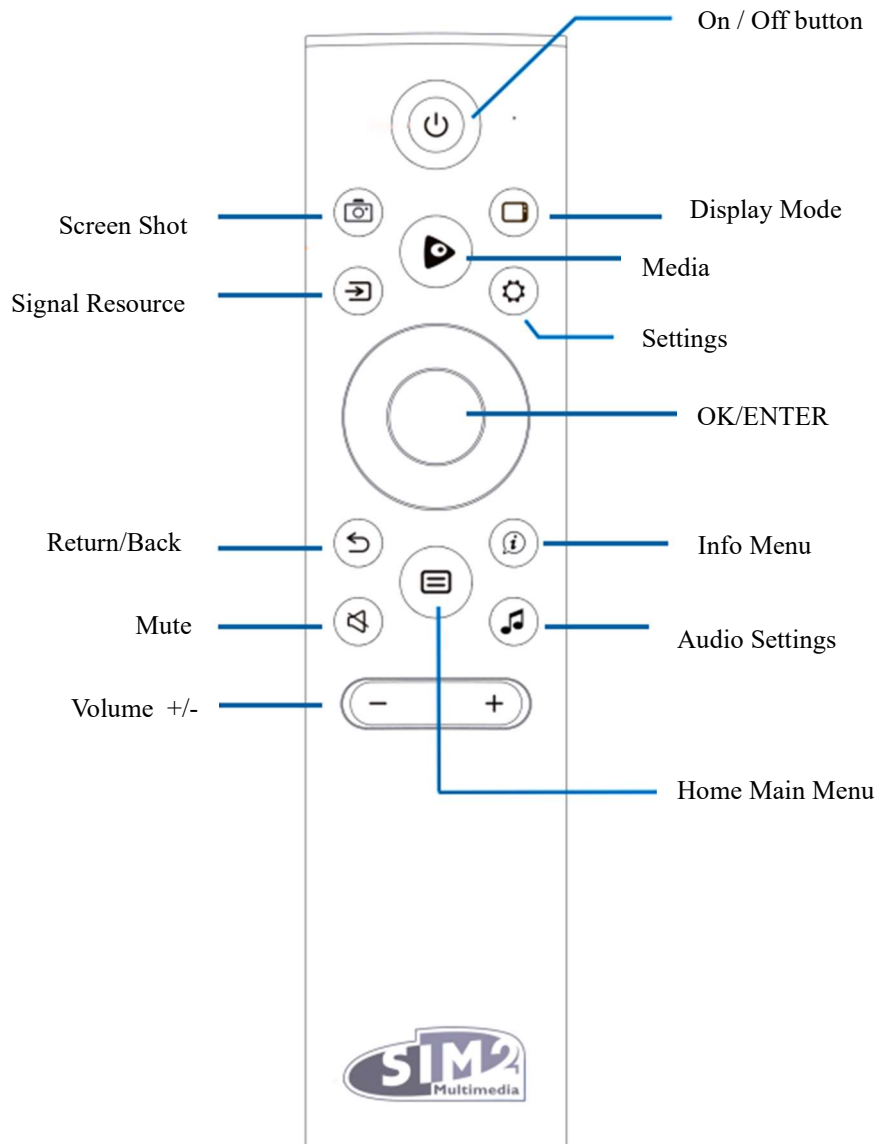


Keystone correction:

Settings - Optical Machine - Keystone Correction, select a point for adjustment using Up / Down / Left / Right buttons.



## 4 Remote Control



### • Pairing Steps

When using the remote control for the first time, press the Home Main Menu button to access the pairing interface, and then press any key other than Standby of the remote control to start pairing.

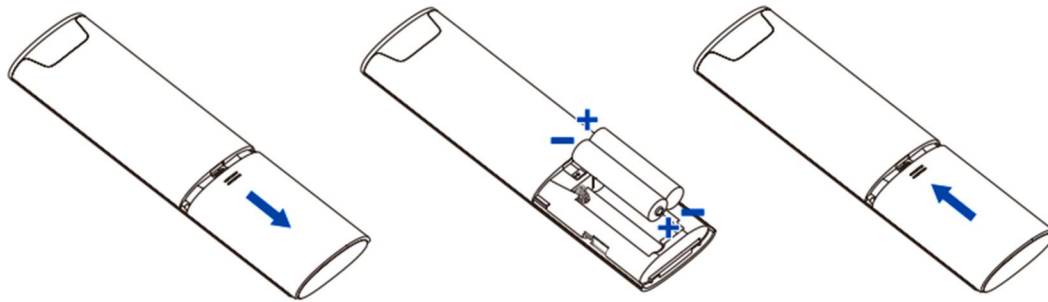
### [Note]

- Pair the remote control with the projector within 3m from the projector when the projector is powered on.
- Generally, the first pairing of the remote control with the projector will be handled by the service personnel when they come to install the projector for you.
- If an unknown error occurs to the remote control, it may be caused by interference. Try to

remove what's causing the interference and pair it again.

- When pressing the remote control buttons, if the indicator light flashes red, it means that the remote control is not paired with the projector or the remote control is not paired successfully. Please press and hold the **Menu** button for 3 seconds to start pairing and the pairing succeeds when the blue light flashes 3 times.
- **Battery Replacement Method**

1. Press the battery cover and push it down.
2. Insert two AAA sized 1.5V alkaline batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Put the battery cover on from above, and push the battery cover upwards until it is fully buckled.



- **Effective Range**

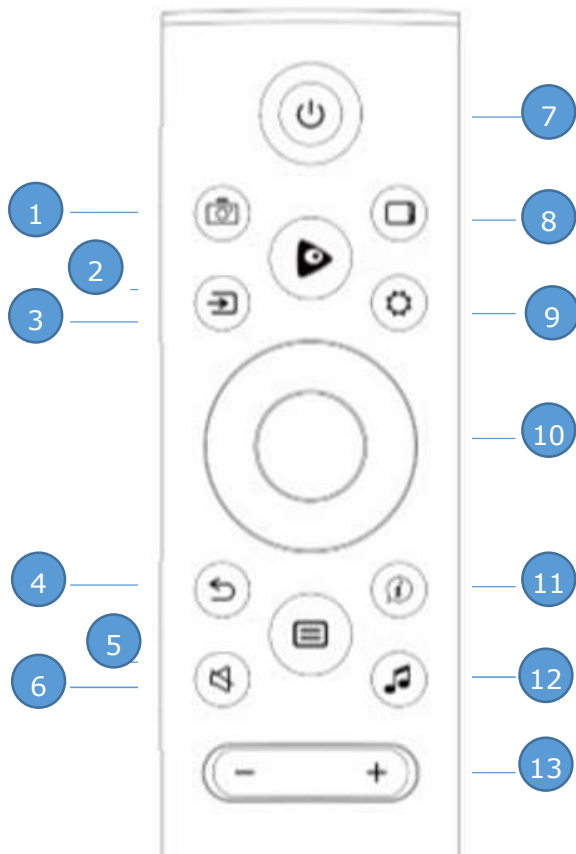
1. Remote control distance: The remote control can work at a distance of 8m from the front.
2. Remote control angle: Taking the receiver of the remote control as the apex, the remote control can work at a 30-degree horizontal or 15-degree vertical angle at a distance of 6m.

- **Others**

1. In view of the wireless nature, the signals of the remote control and receiver may be interfered and shielded.
2. If an unknown error occurs to the remote control while the battery power is normal, the user can open the battery cover to take out the batteries, press the **OK** button for 5 to 10 seconds, and then put the batteries back in there. The remote control can work normally then.

- **Matters Needing Attention**

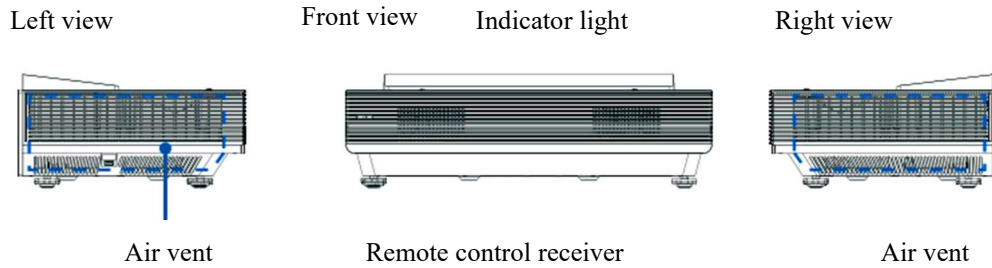
1. If the remote control does not operate normally, is unstable or cannot control the projector, please replace the batteries.
2. If the remote control is not in use for a long time or the batteries run out, please take out the batteries. (Please handle waste batteries that pollute the environment properly)



1	<b>Screen shot</b>
2	<b>Media</b>
3	<b>Source selection</b>
4	<b>Return</b>
5	<b>Home main menu</b>
6	<b>Audio Mute</b>
7	<b>Power on/off</b>
8	<b>Display mode</b>
9	<b>Settings</b>
10	<b>D-pad</b>
11	<b>Info Menu</b>
12	<b>Audio Settings</b>
13	<b>Volume + and -</b>

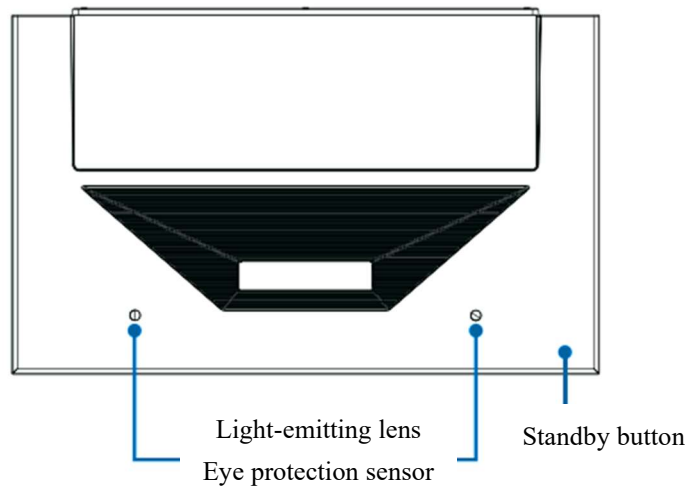
Screen shot	Capture and store on key pen inserted on a USB port the current image on the screen
Media	Recall the Media menu
Source selection	Select the input signal source
Return	Return to previous menu
Home main menu	Recall the main menu
Audio Mute	Set volume in mute status and restore the audio level
Power on/off	Turn on and off the unit
Display mode	Change sequentially the "Image Mode" (see Image chapter)
Settings	Enter in Settings menu
D-pad	Up, down, left, right and Ok buttons for navigation in the menu
Info menu	Recall the Info page
Audio settings	Change sequentially the "Sound Mode" (see "Audio" chapter.)
Volume + and -	Increase and decrease the volume level

## 5 Control Panel



### [Note]

- There may be protective films on the surface of the upper shell and at the air vents. Please remove them before starting this device for the first time to avoid damage to it.



Name / Button	Function Description
Indicator light	The indicator light is white when this device is powered on. During standby, the white indicator light is in the breathing state when the standby light effect is set to On; the white indicator light is off when the standby light effect is set to Off. In case of fault, the indicator light flashes red.
Remote control receiver	Receive the signal transmitted by the remote control through this receiver.
Standby button	Power the projector on or off.
Eye protection sensor	Under the premise that the eye protection function is turned on, the whole machine will automatically get its screen closed and give a voice prompt to protect eyes when the user approaches to the eye protection sensor.

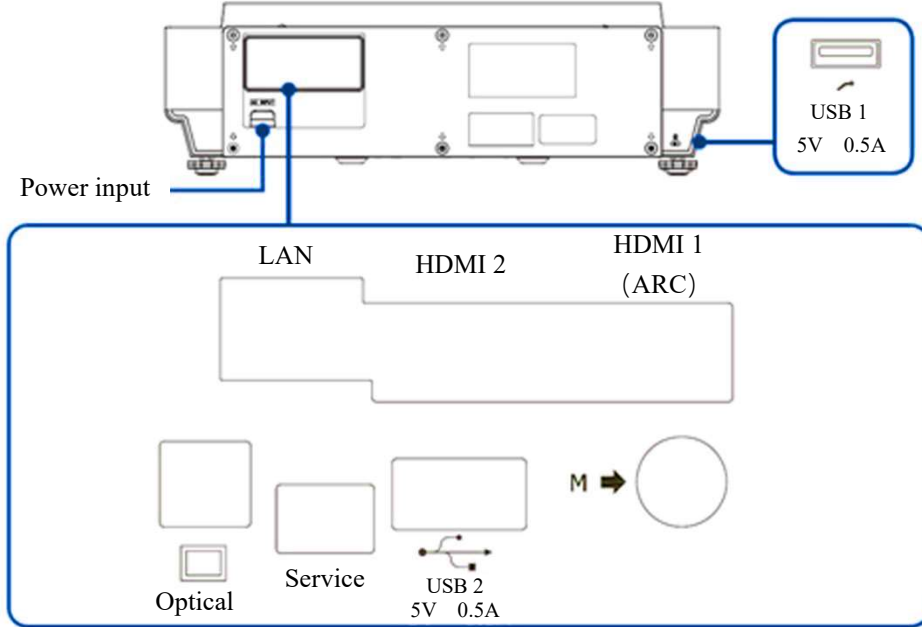
[Note]

- As power failure and system processing take time, please do not switch on and off this device continuously and quickly, which may cause malfunction.
- Arrow buttons may not work on some interfaces and in some applications when operating the homepage and using the Menu.
- If an abnormality occurs during the normal use of the projector, please try to power off the projector and wait for 2 minutes, and then power it on again.



## 6 Introduction to Terminals

Rear view



[Note]

Some external devices may be unable to connect to this device due to specific differences. If this happens, please use appropriate signal wire or add adapters matching the ports.

Debugging port: for factory debugging only, please do not insert any terminals.

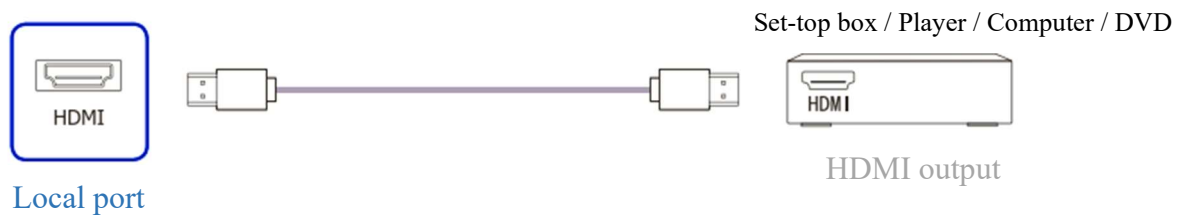
## 7 Connection Description

- Select Signal Input

Press the **Signal Resource** button on the remote control to access the Signal Resource menu, and select the signal resource corresponding to the local port in the **Signal Resource** menu.

- Connect to AV Devices

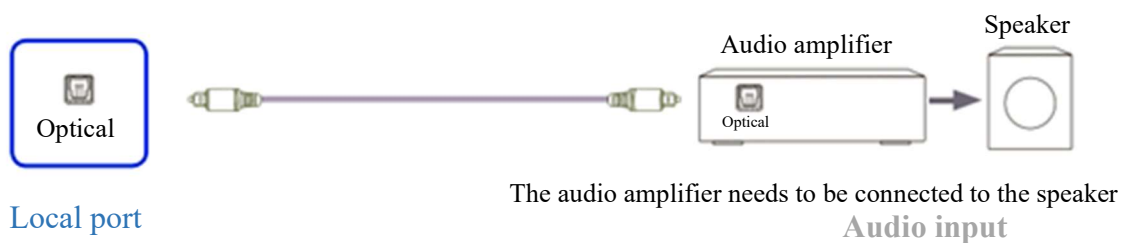
Connect with HDMI Cable



[Note] Please refer to technical parameters for available signal formats on HDMI ports.

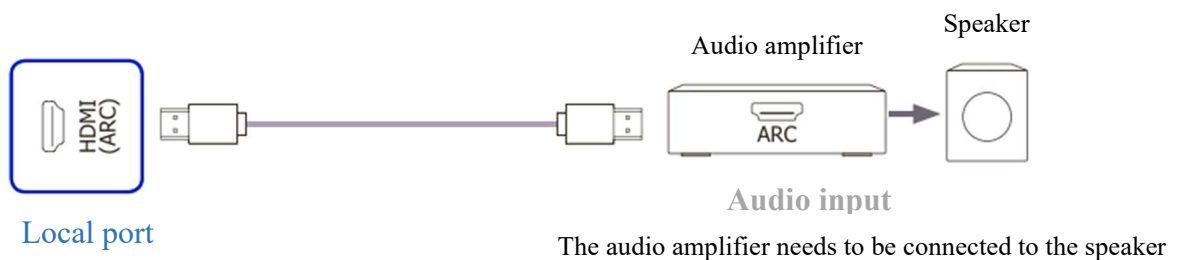
- Connect to External Audio Devices

Digital audio output: Connect to the audio amplifier through the optical fiber port, and then connect to the external speaker through the power amplifier.



- Connect to Devices with ARC (Audio Return Channel) Function

The projector with ARC function can directly transmit the digital audio signal back to external audio devices via HDMI cables.



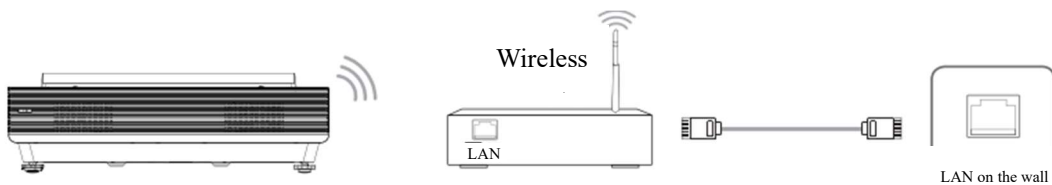
## [Note]

If you want to use the ARC function, the audio receiving device connected to the HDMI (ARC) port of the projector also needs to support the ARC function.

- [Connect to the Network](#)

Press the [Settings](#) button on the remote control to access the settings interface, select the [Network](#), and press the [OK](#) button to access the Network menu

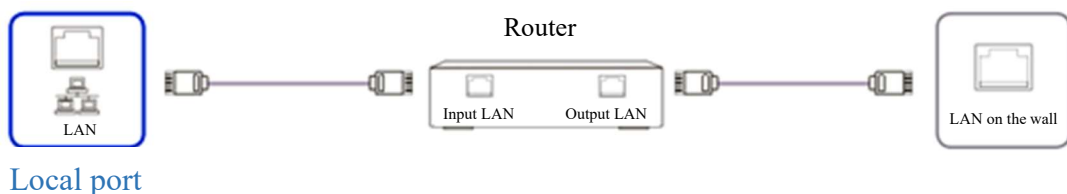
### Wireless Network Connection



This device can directly receive network signals through wireless router

1. Select [Wireless Network](#) in the [Network](#) menu, and the list of available wireless networks will be automatically displayed then.
2. Select an available network, enter the password and click [OK](#). (If the selected network is not encrypted, you can connect to it directly.)
3. If the network you want to connect to is not displayed in the list, please select [Add a New Network](#) at the bottom of the list, manually enter the [Network Name](#), select the corresponding way of encryption according to the router settings, enter the password, and click [Add](#).

### Wired Network Connection



Get IP automatically

1. After the network cable is inserted, this device will automatically get the IP address and connect to the network.
2. If the connection fails, please try again or try to connect by manual input.

Get IP manually

1. Select [Network Information](#) in the [Network](#) menu.
2. After selecting [Manual Input](#), enter the IP address, subnet mask, DNS server and gateway, and click [Connect](#).

# 8

## First Start

### 1 Power on / off

- Connect the power cord of this device to a 220 V AC power socket.
- Press the **Standby** button on the remote control to turn on this device, and then follow the navigation prompts after booting to complete settings (the navigation information after booting is subject to the actual situation).
- This device will be in standby state when pressing the **Standby** button on the remote control in the power-on state; to return to normal watching, just press the **Standby** button on the remote control again.
- Please disconnect the power supply when this device is not in use for a long time.

#### [Note]

- After DC shutdown, please restart this device after at least 5 seconds to prevent abnormalities.

### 2 Adjust Local Settings

Using the settings function can meet your different needs and make you fully enjoy the audio-visual effects brought by this device.

You can adjust images and sound, set network connection, etc. here.

- Press the **Settings** button on the remote control to access the settings interface to adjust each device.
- In menus at all levels, you can perform the following operations according to different menus:

Press **Arrow** buttons to select items

Press the **OK** button to confirm operations or access the next menu

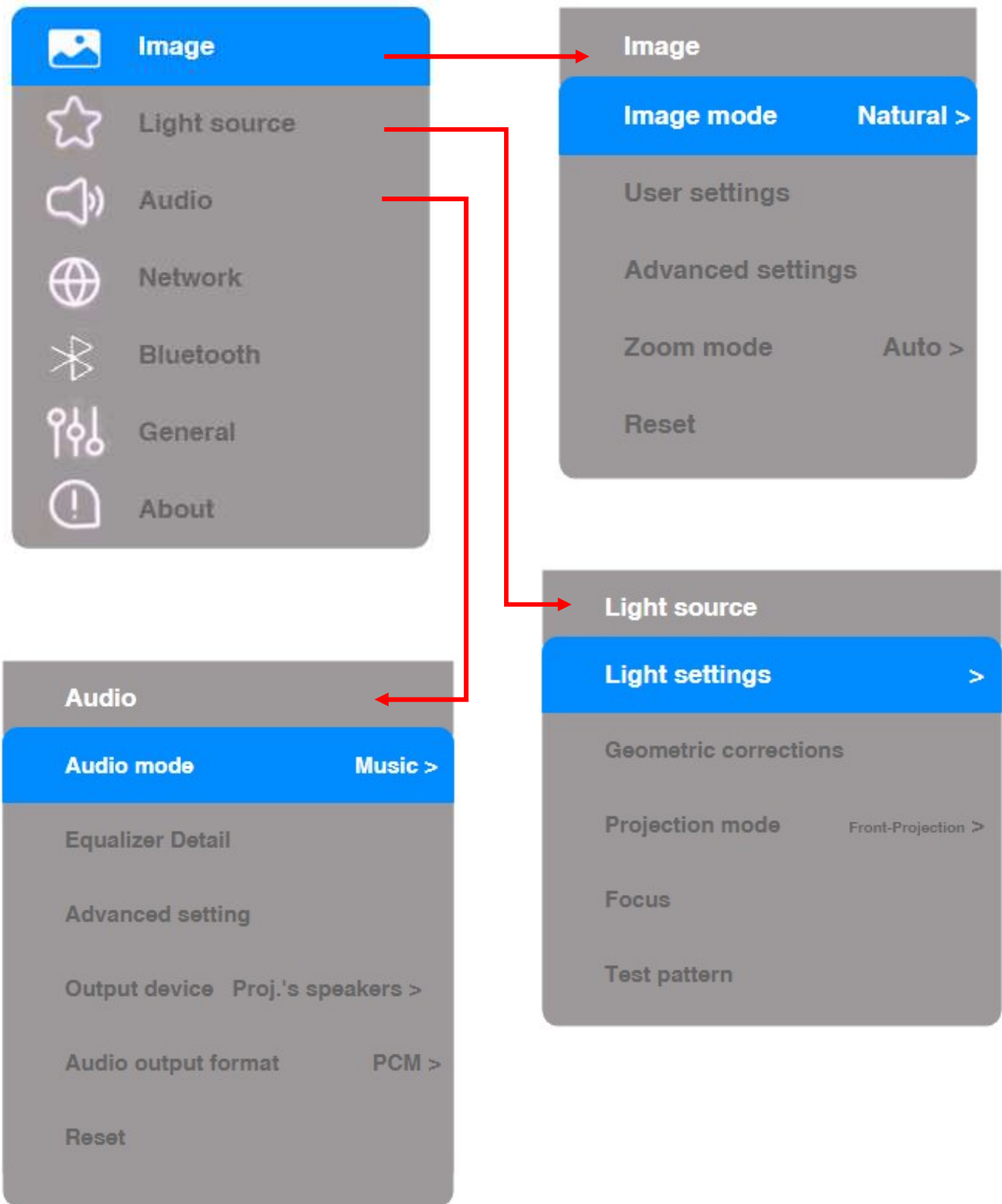
Press **Left and Right** buttons to adjust values

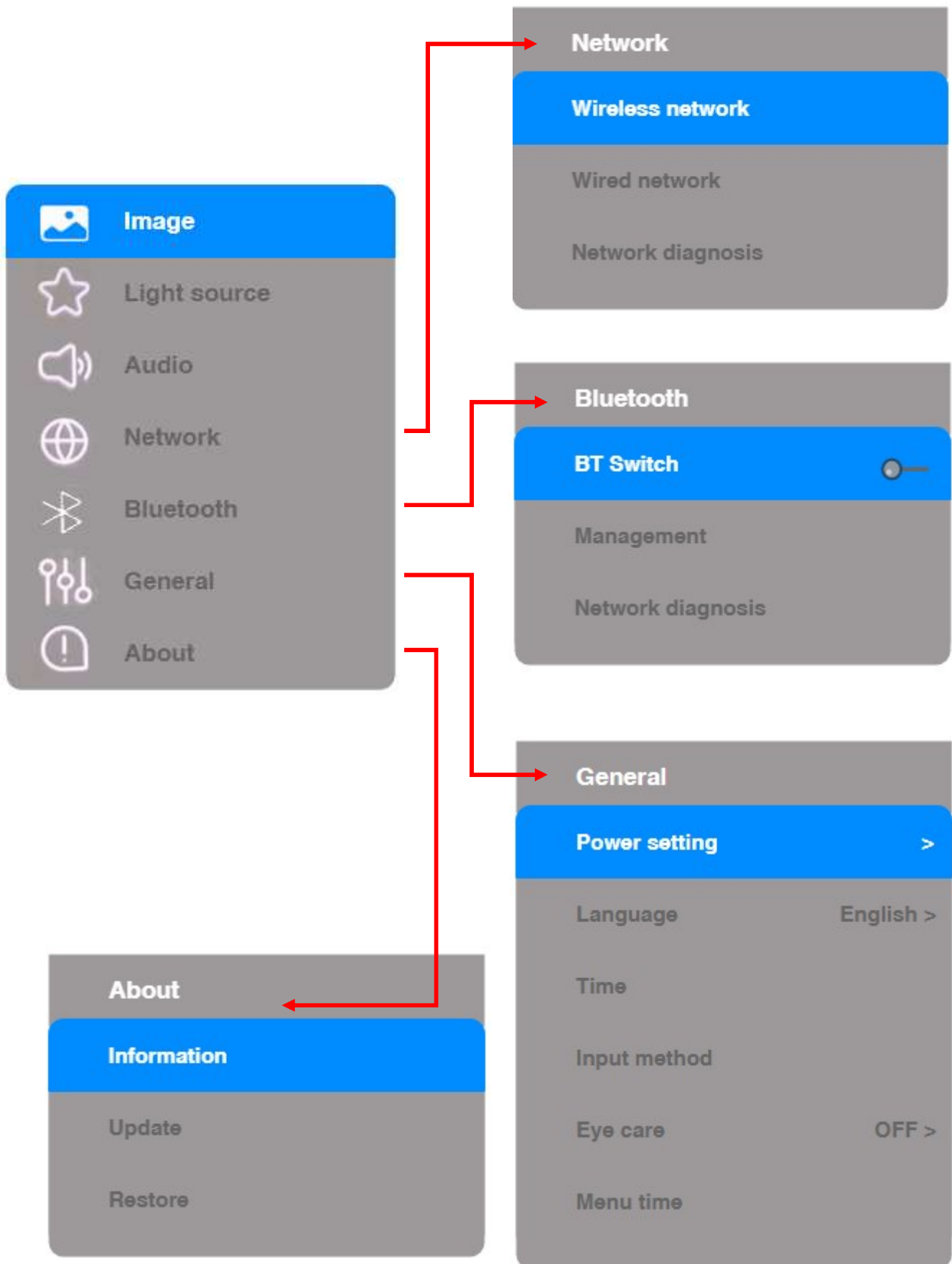
Press **Up and Down** buttons to adjust options

- Press the **Return** button to the previous menu or exit the Settings menu.

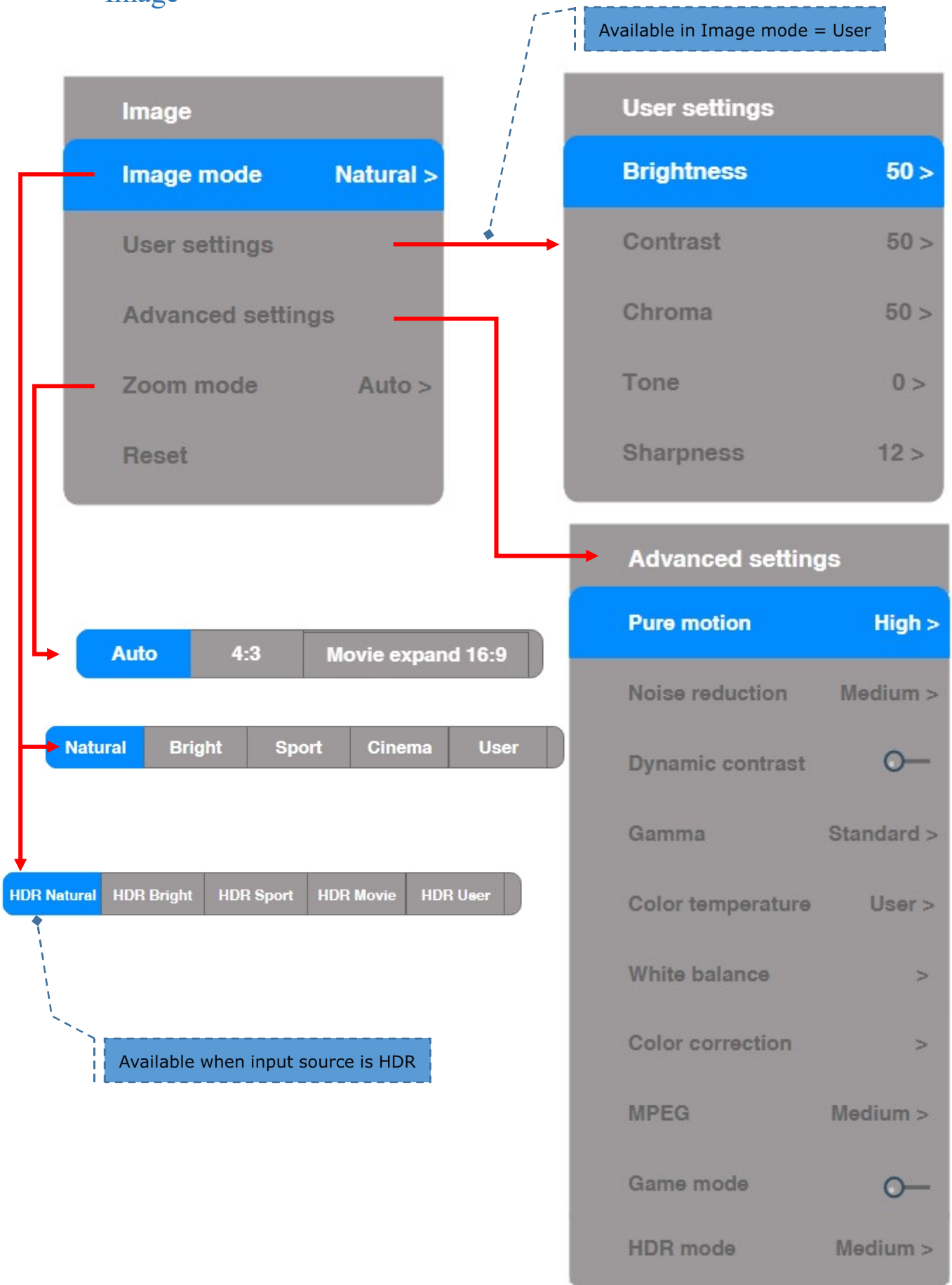
# 9

## OSD Menu

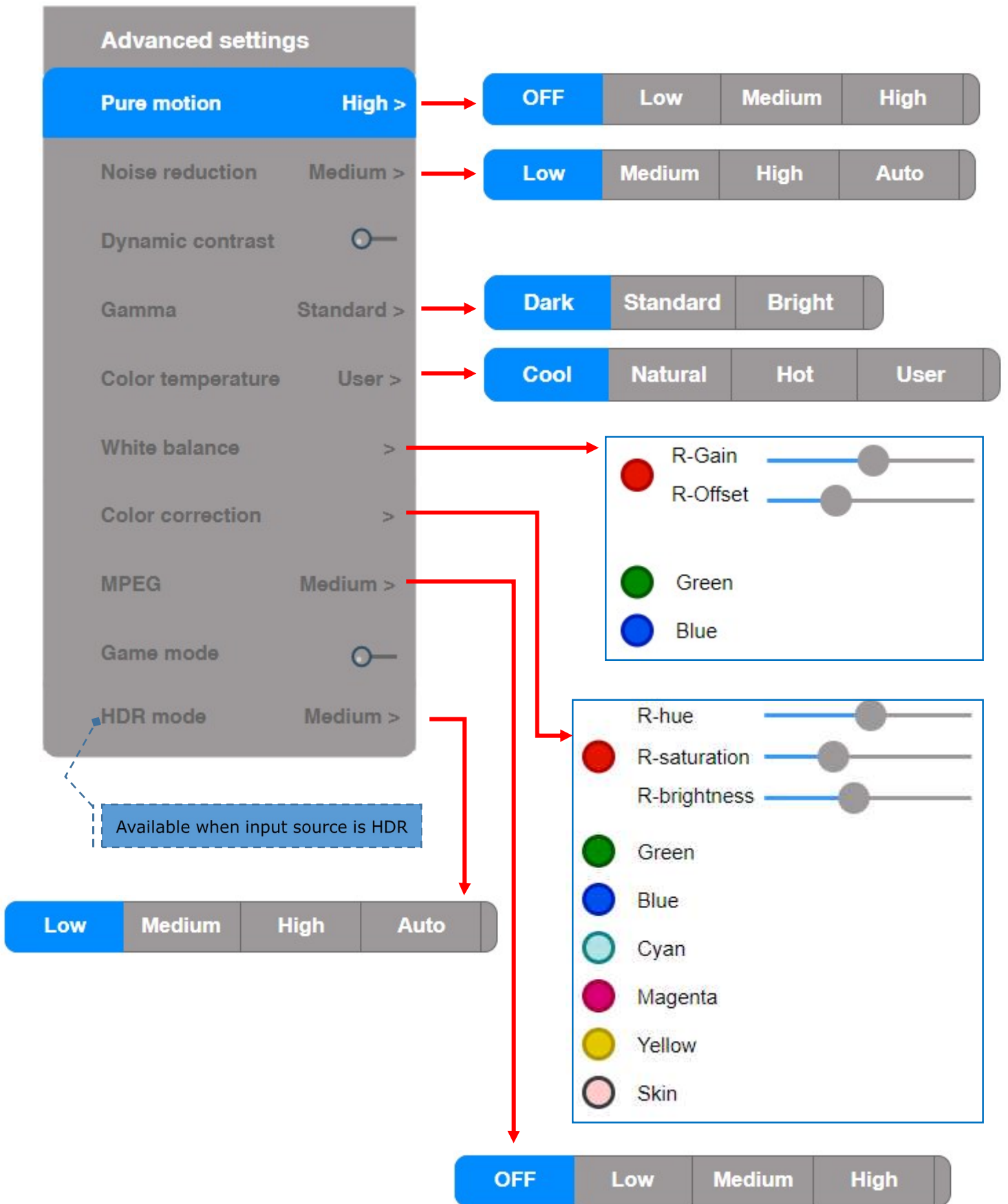




# Image

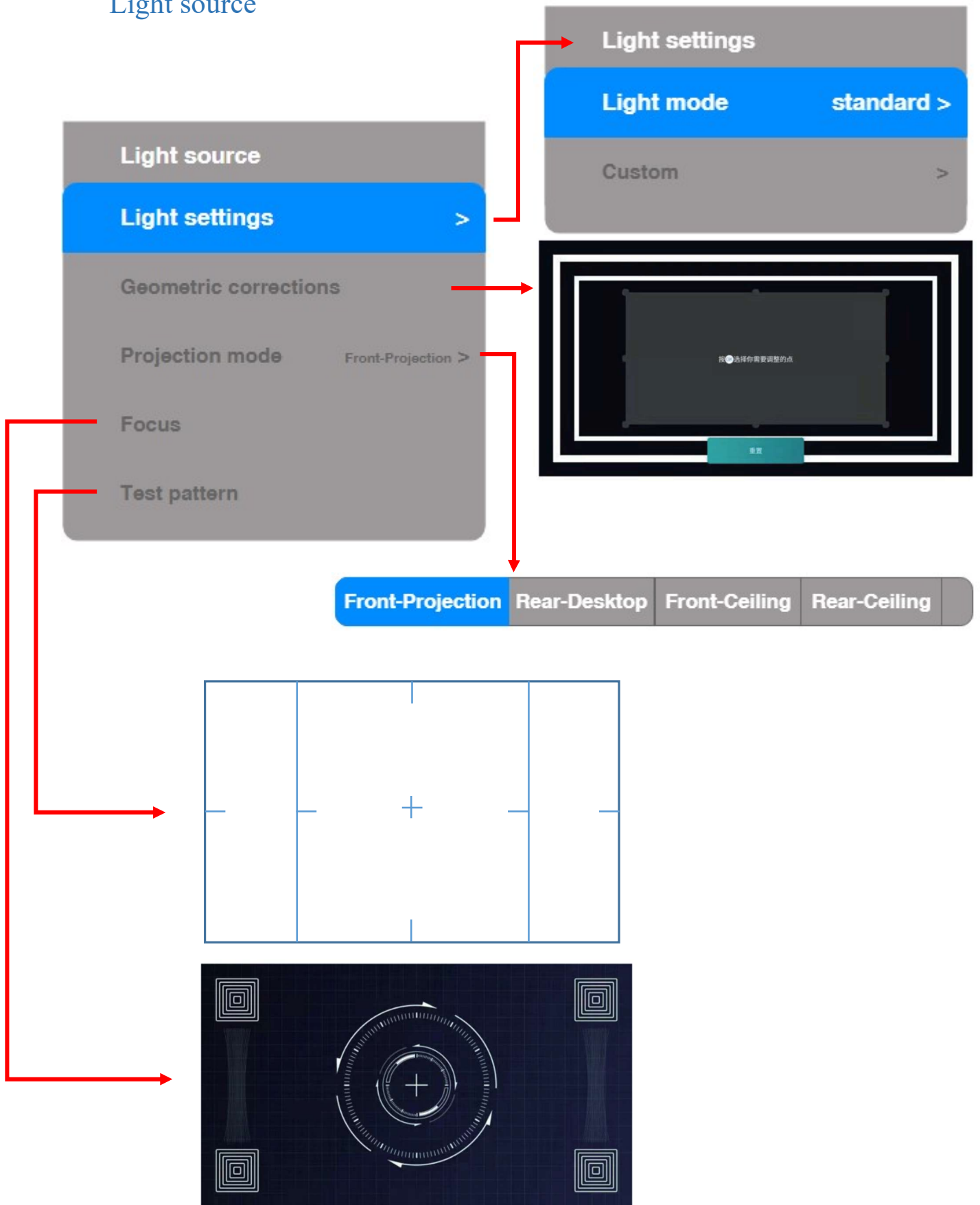


# Image – Advanced settings

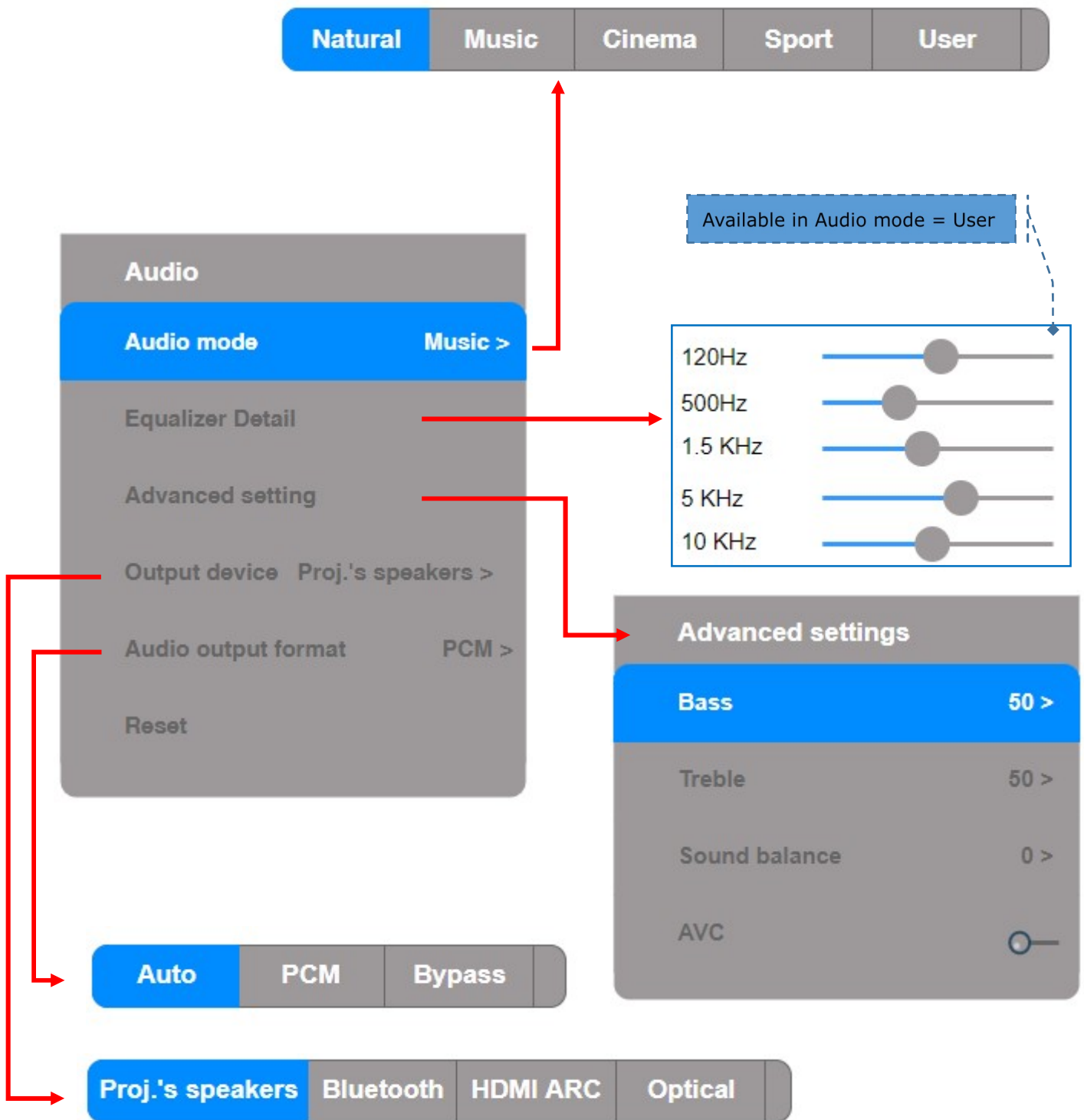




# Light source



# Audio



# 10


## Miscellaneous


### 1 Statement on Environmental Protection

- This product meets the environmental protection requirements as prescribed in *Administrative Measures for Limiting the Use of Hazardous Substances in Electrical and Electronic Products*.
- Within the environmental protection use period, there will be no leakage of hazardous substances, precipitation or other problems affecting consumers' health during their use, so consumers can use it safely.
- Waste recycling tips

When this product is no longer needed or its service life ends, please comply with the relevant national laws and regulations on the recycling of waste electrical and electronic products and hand it over to local manufacturers with the recycling qualification recognized by the state for recycling. Manufacturers that recycle it shall reasonably dispose of parts bearing hazardous substances, instead of disposing of them at will.

- Environmental protection use period

The environmental protection use period of this device is 10 years. 

The environmental protection use period of the accessory remote control batteries used together with this product is 1 year. 

### Name of Hazardous Substances in the Product and Their Content

Name of Parts	Hazardous Substances						Remarks
	Aluminum and Its Compounds	Mercury and Its Compounds	Cadmium and Its Compounds	Hexavalent Chromium Compounds	Polybrominated Biphenyl (PBB)	Polybrominated Diphenyl Ether (PBDE)	
Laser Light Source	X	O	O	O	O	O	
Optical Machine Components	X	O	O	O	O	O	
Circuit Board Components	X	O	O	O	O	O	
Power Cord and Connecting Wire	X	O	O	O	O	O	
Non-flame Retardant Plastics and Polymer Parts	O	O	O	O	O	O	
Flame Retardant Plastics and Polymer Parts	O	O	O	O	O	O	Only for part of models
Metal Parts	X	O	O	O	O	O	
Accessories (Remote Control / Battery, etc.)	X	O	O	O	O	O	Only for part of models

This table is prepared in accordance with SJ / T 11364.

O: Indicate that the content of hazardous substances in all homogeneous materials of the part is below the limit prescribed in GB / T 26572.

X: Indicate that the content of hazardous substances in at least one homogeneous material of the part exceeds the limit prescribed in GB / T 26572.

The materials identified as X in the table are technically irreplaceable at present. The use of these materials meets the requirements as prescribed in *Administrative Measures for Limiting the Use of Hazardous Substances in Electrical and Electronic Products* and *Exception List of Restricted Substances in Standard Management Directory*. We are committed to the R&D and use of advanced materials and technologies. If technically feasible, we will gradually replace or eliminate these materials.

## 2 Simple Fault Solving Tips

Before repairing, please take a look at the table below to see if there are solutions to faults happening to you.

When you are sure that you can't solve faults completely according to this instructions, you can consider contacting professional service personnel for repair.

Phenomenon	Solution
No sound or image	<ul style="list-style-type: none"> <li>• Check if the power cord is connected to the wall socket and if the wall socket is powered.</li> <li>• Check if you have pressed the Power button or the Standby button.</li> <li>• Check the volume settings or check if Mute mode is set to On.</li> </ul>
The image is normal but there is no sound	<ul style="list-style-type: none"> <li>• Check the volume settings or check if Mute mode is set to On.</li> </ul>
No image or black and white image	<ul style="list-style-type: none"> <li>• Adjust image settings.</li> <li>• Check the color system.</li> </ul>
Sound and image are interfered	<ul style="list-style-type: none"> <li>• Turn off or unplug devices that are connected to this device but are not currently in use.</li> </ul>
The image is blurry or distorted	<ul style="list-style-type: none"> <li>• Observe if light-emitting lens are dirty when this device is powered off. If so, ask professionals to carefully wipe them with cleaning cloth for optical use, lens wiping paper or professional cleaning solution.</li> </ul>
Horizontal / vertical stripes or image shake	<ul style="list-style-type: none"> <li>• Check if there are interference sources nearby, such as electrical appliances or power tools.</li> </ul>
The device casing “clicks”	<ul style="list-style-type: none"> <li>• Indoor temperature changes sometimes cause the casing to expand or shrink, resulting in noise. This is not a fault.</li> </ul>

### [Statement]

- Pictures and notes in the instructions are for reference only and they may be different from real products. Specific products in kind prevail. (This statement applies to the entire instructions)
- Service and quality upgrade, and changes to product design and specifications will not be notified separately.
- The software content service applicable to this product depends on the third-party provider. Some software may not be available due to network, region, service cycle and other reasons, which has nothing to do with the quality of this product. Please contact the third-party provider for relevant details.
- This product contains ads when booting.

## 11 Specifications

Model	DTV S
Projection Type	Digital Light Processing (DLP 0.47), 1-chip DLP Type: 4K, 3840 x 2160
Light source	Trichromatic RGB laser system (expected lifetime approx. 25.000 hours, watching over 10000 films/2 hours per film)
Focus	Motorized - digital adjustments
Geometry adjustments	Dedicated menu for adjust 8 points (H, V): Keystone, Parallelogram, Pincushion
Image Resolution	4K UHD@60Hz
Color gamut	REC 2020 with powerful P7 colors adjustments
HDR video quality	Dedicated Display Modes
Contrast:	Adaptive
Brightness	Up to 2,400 Ansi lumens
Active screen size	90-130inch
Screen resolution	VGA (640x480) to 4K UHD (3840x2160)
Power supply	AC220V 50Hz 2.0A max, standby $\leq$ 0.5W
Audible noise	26dB
Operating system	Android 9.0
Memory	3GB /128GB
Audio power	10W * 2
Dimension	520mm * 323 mm * 159 mm
Weight	9.0kg

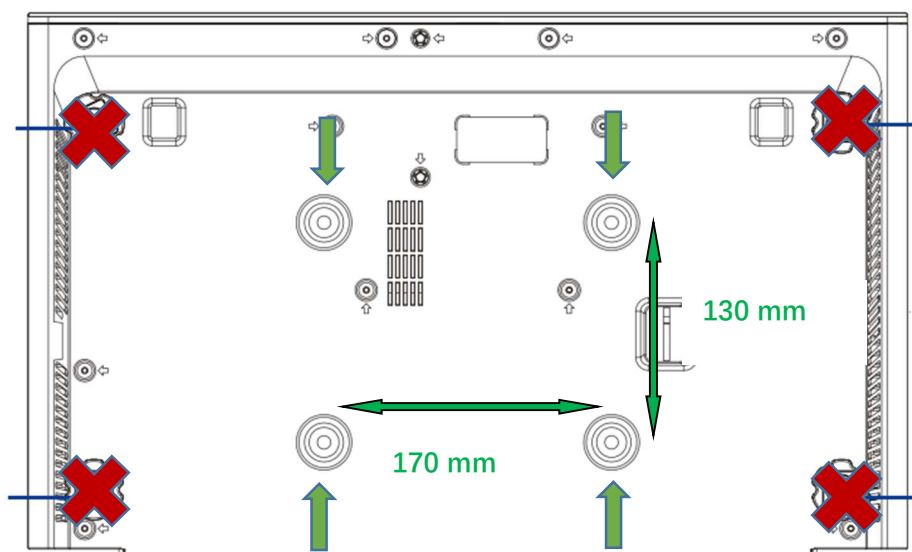
## Inputs/outputs

2x inputs HDMI	HDMI1/HDMI2 2.0, high speed interface HDMI1 support the ARC return 4K UHD@60Hz / 1080p@120Hz
Audio output	Optical fiber ARC return from HDMI1
Ethernet	RJ45 Internet access and Sw update
WiFi	2.4G/5G 802.11c Internet access and Sw update
USB 2.0	Hard disk or Flash drive Audio/Video contents
Bluetooth 4.0	External audio paring devices
USB 1	5V, 0.5A
M	

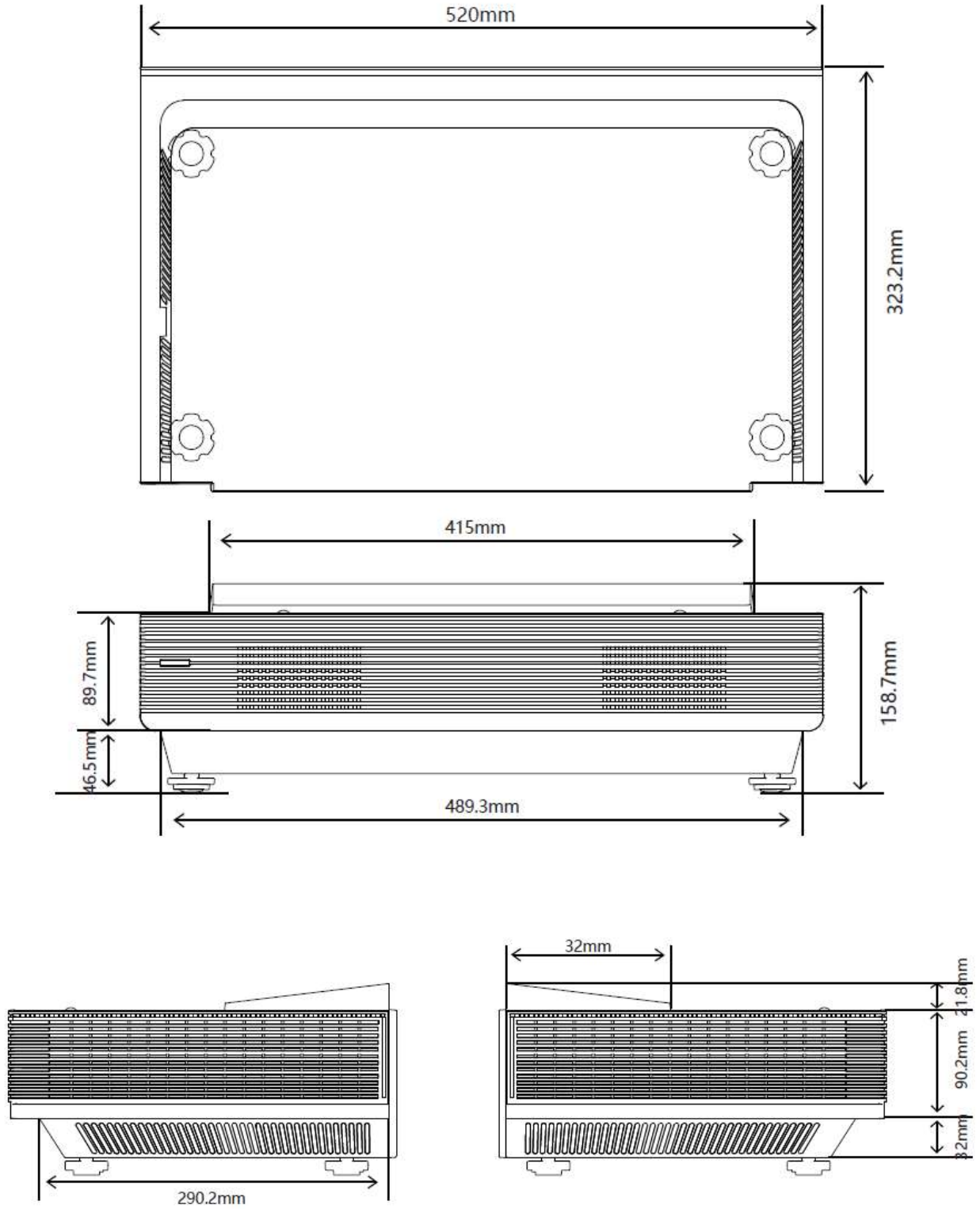
## Ceiling Installation

In case of ceiling installation, we recommend using one bracket that allows you tilt and yaw adjustments; furthermore, forth and back adjustment could be useful to match the image at screen.

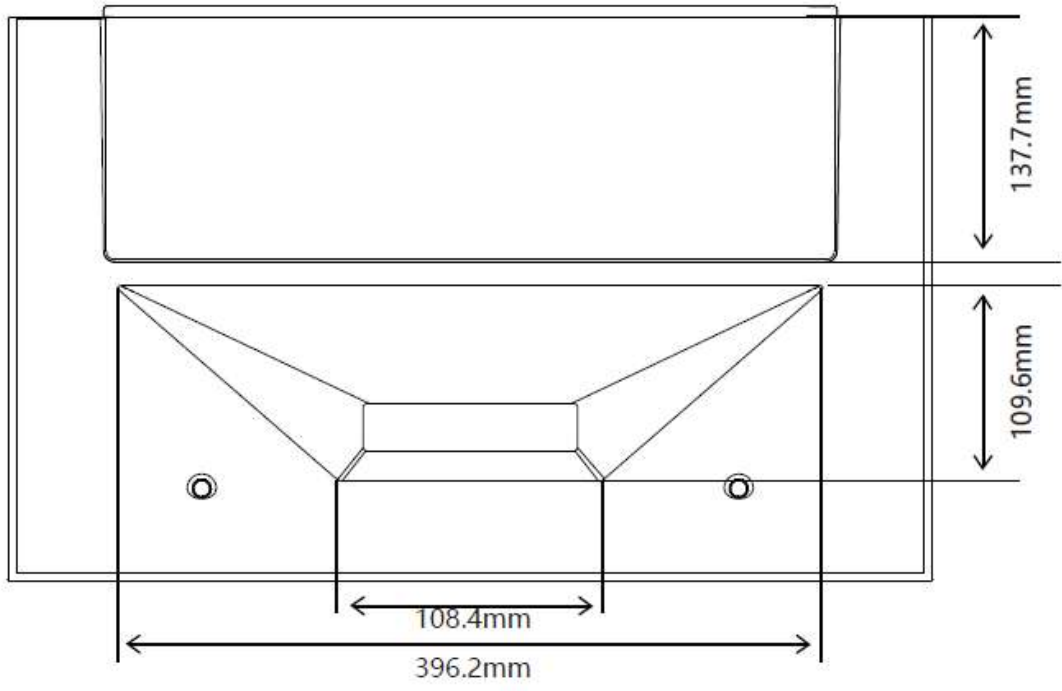
Hang the projector but using the four holes in the center of underneath panel:  
170 mm X 130 mm. DO NOT use feet.



## Dimensions







Video formats available are shown below:

Encapsulation	Video Decoding				Audio Decoding
	Type	Resolution (Max)	Bit Rate (Max)	Frame Rate (Max)	
.avi	Xvid	1920x1080	40Mbps	60fps	Dolby Audio, MPEG1 (Layer 1, 2, 3)
.avi .mpg .ts	MPEG 2	1920x1080	80Mbps	60fps	Dolby Audio, MPEG1 (Layer 1, 2, 3)
.ts .mkv .avi .mp4 .flv	H.264	4096x2160	135Mbps	60fps	Dolby Audio, AAC, MPEG1 (Layer 1, 2, 3)
.avi .mkv .mov	MPEG 4	1920x1080	40Mbps	60fps	Dolby Audio, MPEG1 (Layer 1, 2, 3)
.ts .mkv .mp4	H.265	4096x2160	100Mbps	60fps	Dolby Audio, AAC, MPEG1 (Layer 1, 2, 3)

[Note]

- Dolby Audio: Dolby Digital, Dolby Digital Plus and Dolby AC4 are available.
- Due to different video production tools, this device cannot guarantee to get all the listed formats available.

Signal Formats Available on HDMI Port	
RGB / 60Hz	640x480, 800x600, 1024x768
YUV / 50Hz	576i, 576p, 720p, 1080i, 1080p
YUV / 60Hz	480i, 480p, 720p, 1080i, 1080p
YUV / 24Hz 25Hz 30Hz	3840x2160, 4096x2160
YUV420 / 50Hz 60Hz	3840x2160, 4096x2160
YUV444 / 50Hz 60Hz	3840x2160, 4096x2160
RGB444 / 50Hz 60Hz	3840x2160, 4096x2160

[Note]

HDMI2.0 and HDMI1.4 (default) are available on this device. Some of the above signal formats are available on HDMI1.4, while all of the above signal formats are available on HDMI2.0. In case of a necessity to use HDMI2.0, press the Menu button under the HDMI channel and select HDMI version as HDMI2.0 or HDMI Plus

## Appendices

### Regulation & Safety Notices

This appendix lists the general notices of your projector.

#### Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations

#### Caution

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this projector.

#### Operation conditions

This device complies with CCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

#### Notice: Canadian users


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

#### Remarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

#### Declaration of Conformity for EU countries

- EMC Directive 2004/108/EC (including amendments).
- Low Voltage Directive 2006/95/EC.
- R & TTE Directive 1999/5/EC (if product has RF function).

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 it.

## Trademarks

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- HDMI, the HDMI Logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.
- Other product and company names mentioned in this user's manual may be the trademarks or registered trademarks of their respective holders.

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