

# 4K TRI-CHROMA LASER PROJECTOR

## USER MANUAL

(LTV-3500/LTV-3000/LTV-2500)

## To Users

Thank you for choosing the AWOL VISION 4K TriChroma Ultra Short Throw Laser . For your security and interest, please read this manual carefully before using the product. To ensure safe and correct use of this product, always comply with the following precautions to avoid dangerous situations and damage to your unit:



The lightning flash with an arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of dangerous voltage within the product's enclosure. The dangerous voltage may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Illustrations of the product, accessories, and user interface in the user manual are for reference purposes only. Actual product and functions may vary due to product enhancements.

Compatibility with 3rd party products, software and services are not guaranteed. We cannot be held liable for any damage or loss suffered while operating, using or connecting to incompatible devices or apps.

The recording and playback of content on this device may require permission from the owner of the copyright or other such rights in that content. It is your responsibility to ensure that your use of this device complies with applicable copyright legislation in your country.

# Safety Instructions

## Ambient Conditions for this Device

This device must be used in a home or office environment. It must not be used in rooms with high levels of humidity or dust concentration.



High humidity and dust concentration may lead to current leaks in the device. To reduce the risk of fire or electrical shock:

- Do not expose this unit to rain, moisture, dripping or splashing water, and do not place objects filled with liquids, such as vases, cups, etc. on or over the unit.
- Do not touch the device with wet hands.
- Do not expose the device to direct air-conditioning and keep candles or other flames away from the device at all times.
- If used outside, make sure it is protected from moisture.

## Installation

Never place a AWOL VISION 4K TriChroma Laser in an unstable location. The product set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:



- Using cabinets or stands recommended by AWOL VISION.
- Only using furniture that can safely support the product set.
- Ensuring the product set is not overhanging the edge of the supporting furniture.
- Not placing the product set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and product set to a suitable support.
- Not placing the product set on cloth or other materials that may be located between the product set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the product set or its controls.

If your existing product set is being retained and relocated, the same considerations as above should be applied.

### **Power Supply**

Incorrect voltages can damage the device. Only connect this unit to a power supply with the correct voltage and frequency noted on the type plate, using the supplied power cable.



- Do not overload the power outlets by connecting too many appliances to the same outlet. Overloaded wall outlets, extension cords, etc. are dangerous and can result in electric shock and fire.
- By means of a power cord connected to a socket-outlet with earthing connection.
- Do not touch the power plug with wet hands.
- Do not place heavy objects on the power cable. Route the cable so that it is not kinked or laid over sharp edges, walked on or exposed to chemicals. A power cable with damaged insulation can cause electric shock and fire.
- Pull the power plug, NOT on the cable when disconnecting. The cable can become damaged and cause a short circuit if pulled on.
- Do not place the power cable near a high temperature object.
- Do not use a damaged or loose power cable, or a damaged socket outlet.
- As long as the power plug is connected to a live socket outlet, the device will consume power even in standby mode. The power plug should be disconnected during long periods of absence.

### **Air Ventilation and High Temperatures**

Install your device only where there is proper ventilation, and ensure that there is at least 7.8 inch(20 cm )of free space on the sides and 5.9 inch(15 cm) of free space on the back of the unit for air circulation. Excessive heat and obstruction of ventilation could lead to fire or early failure of some electric components.



- Do not block any ventilation openings with newspapers, tablecloths, curtains, etc.
- Do not touch the ventilation openings, they may become hot
- Do not insert foreign objects into the device through the vents..

### **Cleaning and Care**

Clean the device, the screen, and the remote control with a soft, moist, clean and natural cloth only, do not use any chemicals.



- Unplug the power cord prior to cleaning the device.
- Do not use insect repellent, solvent, thinner or other volatile substances on the surface of the AWOL VISION 4K TriChroma Laser. This may degrade the surface quality. Do not spray water or other liquids directly on the device. Liquid inside the device could lead to product failure.

#### **Service and Repair**

Risk of electric shock when opening the device.



- Never remove the cover/back of the device, there are no user serviceable parts inside.
- Refer all service to qualified service personnel.
- Do not attempt to modify this product in any way. Unauthorized modification could void the warranty of this unit or cause electric shock and fires.
- If this device requires a repair, please wear laser eye protection with an optical density OD that is 4 or higher and has a wavelength of 459-651nm.

#### **Remote Control Batteries**

Incorrect installation may cause battery leakage, corrosion, and explosion.



- Replace only with the same or equivalent type, do not mix old and new batteries.
- Do not mix different battery types.
- Do not use rechargeable batteries.
- Do not burn or break up batteries.
- Discard batteries in a designated disposal area.
- Do not expose batteries to excessive heat such as sunshine, fire, or the like.
- If you do not intend to use the remote control for a long time, then remove the batteries.

## Laser

You risk being exposed to laser radiation if you manipulate or alter the product in a way not specified in the user manual. Do not look directly at the lens when this device is on because the laser light may damage your eyes.



- This product comes with a laser module. Do not tear or modify this device in any manner; otherwise, it may result in personal injury.

As with any bright light source, DO NOT STARE INTO THE BEAM

$\lambda = 459\text{--}471\text{nm}/519\text{--}531\text{nm}/635\text{--}651\text{nm}$

Wavelength 459~471nm/519~531nm/635~651nm

CLASS 1 LASER PRODUCT

Complies with IEC 60825-1: 2014 and IEC 62471-5: 2015

- The Device complies with US FDA performance standards in 21 CFR 1040.10 and 1040.11 except for conformance as a Risk Group [0,1 or 2-Select appropriate RG] LIP as defined in IEC 62471- 5: Ed.1.0. For more information see Laser Notice No.57, dated May 8, 2019.

- If this device requires a repair, please wear laser eye protection with an optical density OD that is 4 or higher and has a wavelength of 459-651nm.

## Certification and Compliance

### FCC Notice

This device 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 device 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 device does cause harmful interference to radio or television reception, which can be determined by turning the device 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 device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/projector technician for help.

### FCC Radiation Exposure Statement

The radiated output power of this device meets the limits of FCC/IC radio frequency exposure limits. This device should be operated with a minimum separation distance of 20cm (8 inches) between the equipment and a person's body

### IC Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference.(2) This device must accept any interference, including interference that may cause undesired operation of the device.

### Avis IC

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas provoquer d'interférences. (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

### Declaration of FCC Conformity

Trade Name: AWOL VISION

Model: LTV-3500, LTV-3000 and LTV-2500

Responsible Party: ELEVATION TECHNOLOGY PARTNERS LLC

Address: 6574 N State Rd 7, Coconut Creek, FL, USA

Email: support@awolvision.com

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.

**Declaration of Environmental and Packaging Directives**

Trade Name: AWOL VISION

Model: LTV-3500, LTV-3000 and LTV-2500

Responsible Party: ELEVATION TECHNOLOGY PARTNERS LLC

Address: 6574 N State Rd 7, Coconut Creek, FL, USA

Email: support@awolvision.com

We guarantee/declare the product(s) above comply with the directives and regulations, which including but not limited to:

- (1) EU RoHS Directive (2011/65/EU)
- (2) California Prop 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)
- (3) EU REACH Regulation (Registration, Evaluation, Authorization and Restriction of Chemical)
- (4) TPCH packaging (Toxics in Packaging Clearinghouse Model Legislation)
- (5) Packaging and packaging waste (94/62/EC)

We understand the importance of hazardous substance compliance and guarantee that all related documentation, including but not limited to any material composition data, and any reporting we submitted to be valid and accurate.





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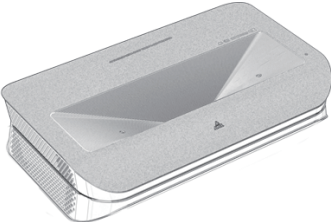
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# Package Contents



LTV 3500/3000/2500



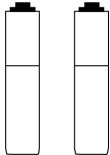
Remote



Power Cord



Cleaning Cloth




AAA Batter x 2



AV Input Cable



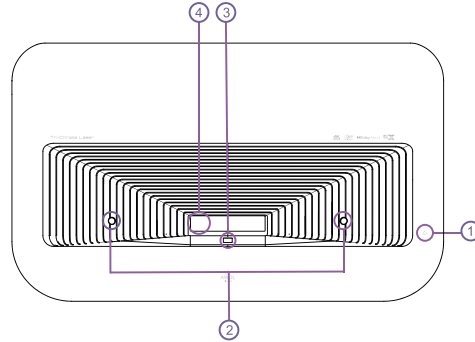
User Manual

 Please keep the original package in case of needed transportation in the future. Only use attachments/accessories specified by the manufacturer.

# Product Diagram

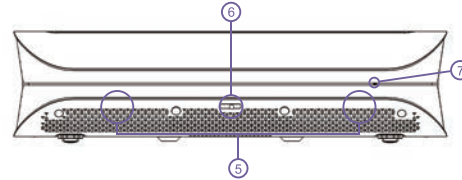
TriChroma Laser

**Top**



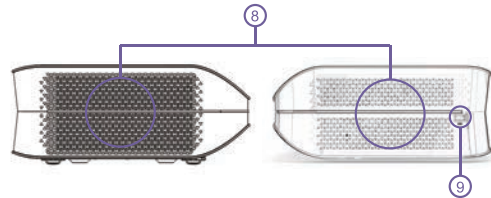
- 1. Power On/Off
- 2. PIR Sensor for Eye Protection
- 3. Laser Outlet Blocked Sensor
- 4. Lens

**Front**



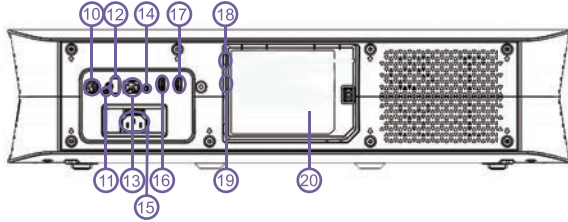
- 5. Speakers
- 6. Remote IR Receiver and Ambient Light Sensor
- 7. LED Status Indicator

**Side**



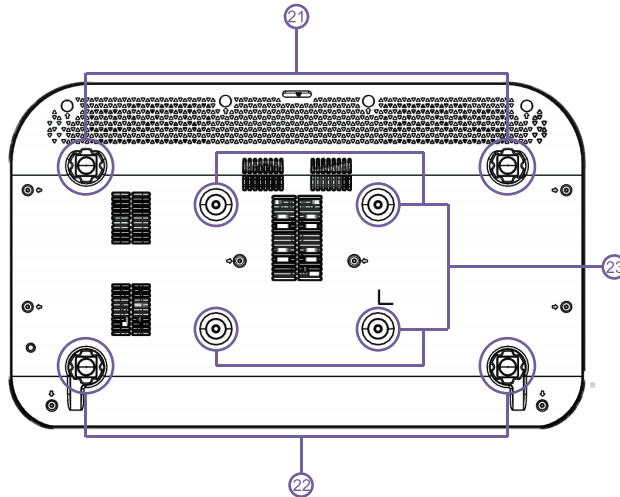
- 8. Heat Dissipation Vents
- 9. USB 2

**Back**



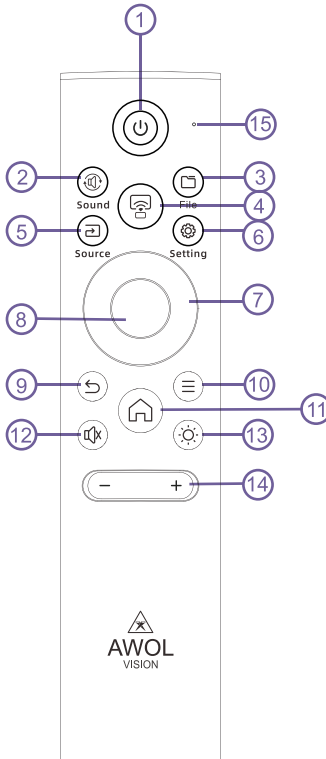
- 10. Optical S/PDIF
- 11. Micro USB (Debug)
- 12. USB 1
- 13. RJ-45 (LAN)
- 14. AV Input
- 15. Power Port
- 16. HDMI 2 (eARC)
- 17. HDMI 3
- 18. USB 3 (Only power)
- 19. HDMI 1
- 20. Patented TV Stick Compartment

**Bottom**



- 21. Front Foot
- 22. Rear Foot
- 23. Mount Hole M6\*15mm

## Remote Control

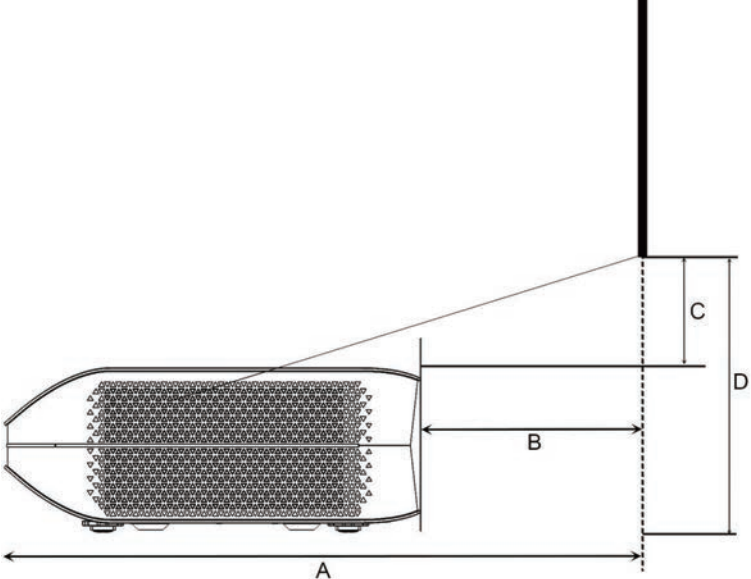


- 1.Power
- 2.Sound
- 3.File
- 4.Cast
- 5.Source
- 6.Setting
- 7.Direction Button
- 8.Select
- 9.Return
- 10.Menu
- 11.Home
- 12.Mute
- 13.Light Mode
- 14.Volume
- 15.LED indicator



- 1) Hold down the [Menu] button on the remote control to start pairing.
- 2) (2) AAA batteries are required for the remote control.
- 3) The red LED means the remote works in IR mode and the blue LED means the remote works in BT mode.

# Throw Distance Chart



	ImageSize (diagonal)	Image Width	Image Height	A (Image to front)	B (Image to rear)	C (Image to top)	D (Image to foot)
4K16:9 TR=0.25	80	69.7	39.2	19.9	6	7.2	12.9
	100	87.2	49	23.7	9.8	9.4	15.1
	120	104.6	58.8	27.5	13.6	11.3	17
	150	130.7	73.5	34.1	20.2	13.3	19

**\*All measurements are in inches**

# OPERATION GUIDE

## POWER ON/OFF

Connect the AWOL VISION 4K TriChroma Laser to power, press the [Power] button on the TriChroma laser or the remote control to power it on/off .

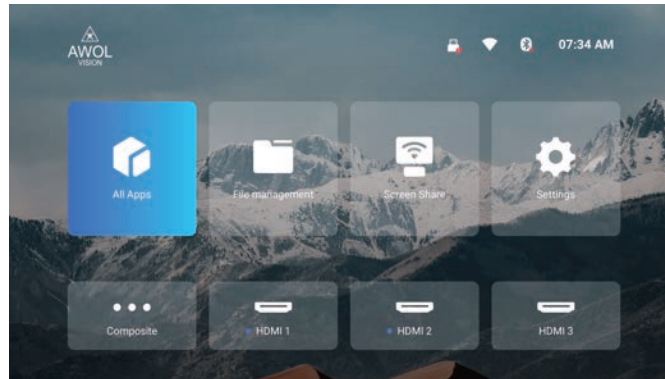
## Home Page Overview

There are 3 sections on the home page.

On the upper right corner, you can monitor the External USB storage device, Network, Bluetooth and Time status, you can change these settings with the remote control if needed.

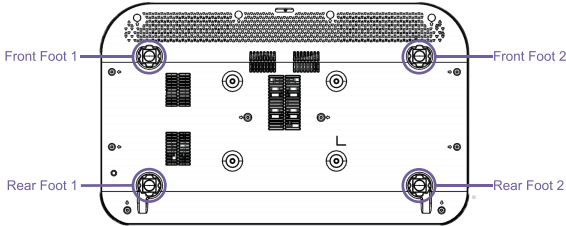
The middle 4 main menus on the home page, including All App, File Management, Screen Shared, and Settings for further operation and management. In the meanwhile, the bottom HDMI and AV input source status is intuitive and convenient for your operation.

Additionally, the homepage background picture changes dynamically.



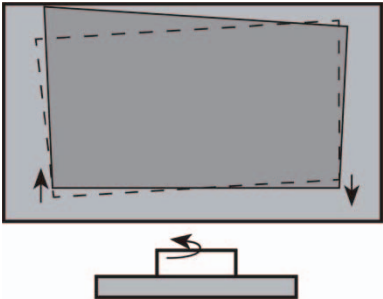


**Adjust the Display Image and the Screen**

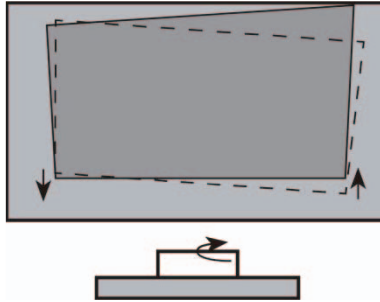


**1. Parallel The Bottom of The Image with The Screen**

If the bottom of the image is lower on the left and higher on the right, rotate the device counterclockwise.



If the bottom of the image is lower on the right and higher on the left, rotate the device clockwise.

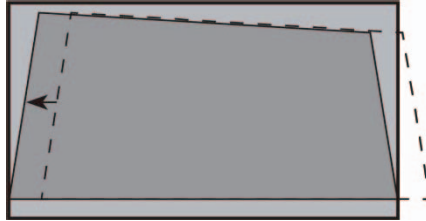


**2. Fit The Bottom of The Image to The Screen**

If the image shifts to the left side, then move the AWOL VISION 4K TriChroma laser to the right.



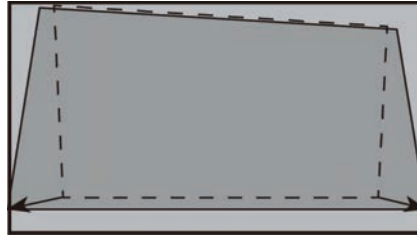
If the image shifts to the right side, then move the AWOL VISION 4K TriChroma laser to the left.



If the bottom of the image is wider than the screen, then move the AWOL VISION 4K TriChroma closer to the screen.



If the bottom of the image is narrower than the screen, then move the AWOL VISION 4K TriChroma farther from the screen.



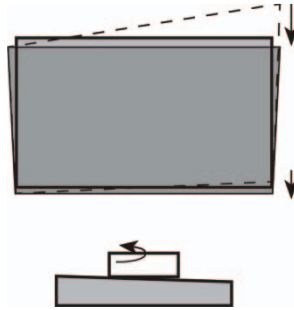
NOTE: Make sure the bottom of the image always stays parallel with the screen.  
If not, rotate the AWOL VISION 4K TriChroma following previous instructions.

### 3. Adjust The Upper-Right Corner of The Image

If the top of the image is lower on the left and higher on the right, then rotate the front-right foot and the back-right foot clockwise to the same height.



Now, rotate the AWOL VISION 4K TriChroma laser clockwise so that the bottom of the image is parallel with the screen.

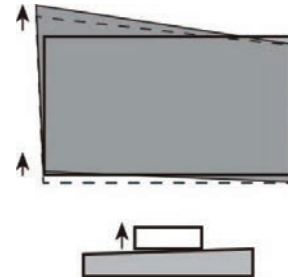
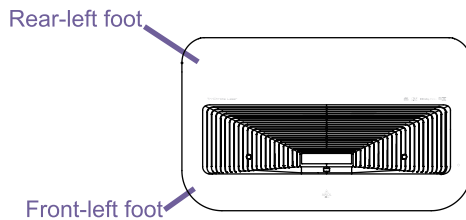


Repeat the steps above until the top of the image is parallel with the screen.

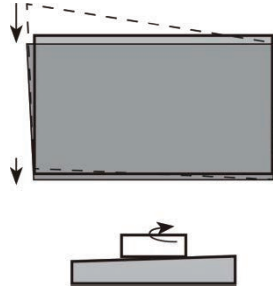
If the upper-right corner is inside the screen after adjusting, rotate the front-right foot and the back right foot counterclockwise to the same height, and rotate the AWOL VISION 4K TriChroma laser clockwise, to make the image parallel with the screen.

#### 4. Adjust The Upper-Left Corner of The Image

If the top of the image is higher on the left and lower on the right, then rotate the front-left foot and the back-left foot of the AWOL VISION 4K TriChroma clockwise to the same height.



Now, rotate the AWOL VISION 4K TriChroma laser clockwise so that the bottom of the image is parallel with the screen.



Repeat the steps above until the top of the image is parallel with the screen.

If the upper-left corner is inside the screen after adjusting, rotate the front-left feet and the back left foot counterclockwise to the same height, and rotate the AWOL VISION 4K TriChroma laser counterclockwise, to make the image parallel with the screen.

#### 5. Fill The Top of The Image to The Screen

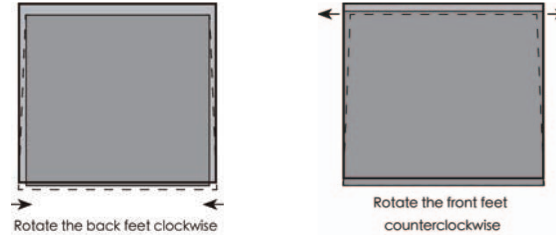
If the top of the image is wider than the screen, then rotate the left- and right-front feet of the AWOL VISION 4K TriChroma laser clockwise.



If the top of the image is narrower than the screen, then rotate the left- and right-back feet of the AWOL VISION 4K TriChroma clockwise, until the left and right borders of the image are parallel with the screen borders.

Next, move the AWOL VISION 4K TriChroma laser further from the screen to fill the image to screen width.

If the back feet are already at their maximum height, rotate the left- and right-front feet counterclockwise.



### Keystone Correction

Besides adjusting the physical position of the device to match the display image and the screen (Refer to [Adjust the Display Image and the Screen] section), you can use the keystone correction feature to improve performance details.

You can open the function following the menu path: [Settings] -> [Light] -> [Manual Correction]:



The physical adjustment method described previously in [Adjust the Display Image and the Screen] is preferred since the keystone correction function is changing the actual image using the software, which may decrease clarity as a result.

### Electric Focus Adjustment

There is no Fixed Focus design in AWOL VISION 4K TriChroma laser, which allows you to focus your image quality with different screen sizes for better image quality.

You can use the [Up/Down] button on the remote to get the clearest image by the electric focus adjustment feature.

You can open the function following the menu path: [Settings] -> [Light] -> [Focus]:





## Connection with Peripherals

You may connect PS5 game console, ROKU TV, Fire Stick, Apple TV, and computer, etc., via the HDMI port; connect DVD devices via the AV In port; connect USB device via the USB port; and connect professional audio via HDMI 2 with eARC feature or S/PDIF optical port.

### 1. Source Input

Choose the corresponding signal source for the device connected, including HDMI1, HDMI2, HDMI3, AV In ports and USB.

Homepage access

Remote short cuts: [Source] button



### 2. Audio Output

In addition to built-in 36w stereo speakers with Dolby Atmos and DTS Virtual X performance, the AWOL VISION projector can also be connected to external speakers with HDMI (eARC) cable, S/PDIF cable or Bluetooth pairing. When connecting different audio equipment, you need to select the corresponding audio output path you want on the setting menu.

Menu path: [Settings]-> [Sound]-> [Output Device]

Remote short cuts: [Sound] button



### 3. Digital Output

Only can be configured when Audio output path is Optical or HDMI eARC mode, there are RAW and PCM modes that can be set.

PCM: All formats will be converted to PCM for output.

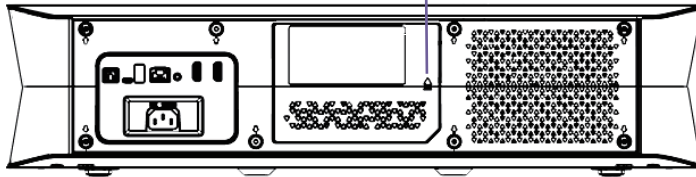
RAW: No processing for the source audio.



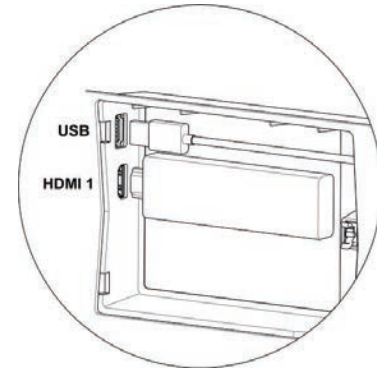
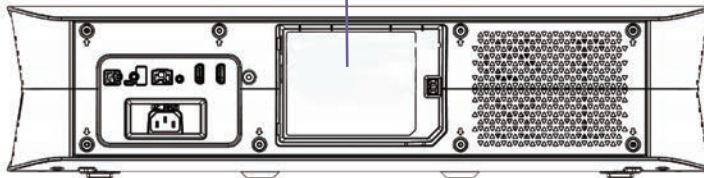
### Streaming Stick Pocket Setup

In the patented TV stick pocket design in the AWOL VISION 4K TriChroma laser's rear, there is one designated HDMI 1 and additional USB power supply ports inside the pocket, you can hide the TV stick inside to stay tidy and there is no need for an extra TV stick AC adapter.

Press here to open the  
TV Stick Compartment cover.



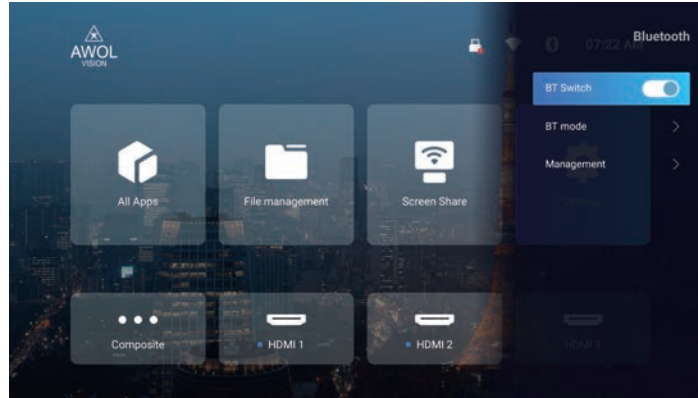
Stick Pocket Design up to 120\*100\*20mm size  
Amazon Fire Stick  
Roku Streaming Stick+



## Bluetooth

You can set the Bluetooth function by selecting the Bluetooth icon at the top right corner of the Homepage or following the menu path: [Settings] -> [Bluetooth]  
The AWOL VISION projector supports both *To Mobile* mode and *To BT Speaker* Bluetooth modes:

### 1. To Mobile Mode



Used as a Bluetooth speaker, turn on the feature, select Bluetooth devices in the AWOL VISION 4K TriChroma laser Menu, find and select the AWOL VISION 4K TriChroma laser model on the device to pair Bluetooth devices (phone or laptop) and then you can play audio on your Bluetooth devices (phone or laptop) via the built-in speaker of the AWOL VISION 4K TriChroma laser after pairing successfully.

### 2. To BT Speaker Mode

Can be paired with other audio devices, find and select the audio device you want to pair (Bluetooth earphone or speaker) under Searched Devices, and the pairing will start automatically. The paired Bluetooth device will appear under Paired Devices. Then the AWOL VISION 4K TriChroma laser's audio will be passed to the paired audio device (Bluetooth earphone or speaker).

In the meanwhile, an AWOL VISION 4K TriChroma laser can be paired with other devices such as Bluetooth controller, keyboard, mouse, remote, etc., just select Search Devices, and then the device under Searched Devices to pair.

## System upgrade

You can upgrade your AWOL VISION 4K TriChroma laser by OTA (on the air) or local USB driver with updated software. We suggest you contact our technical support, support@awolvision.com, for software upgrades if needed.

## Specification

	Model	LTV-2500	LTV-3000	LTV-3500
Platform	Display Technology	TI 0.47-inch 4K UHD DMD	TI 0.47-inch 4K UHD DMD	TI 0.47-inch 4K UHD DMD
	Light Source	TriChroma Pure Laser	TriChroma Pure Laser	TriChroma Pure Laser
	Laser Life	25,000+ hours	25,000+ hours	25,000+ hours
	Software OS	Android 9.0	Android 9.0	Android 9.0
	RAM/EMMC	3G/128G	3G/128G	3G/128G
Projection	Projection Size	80-150 inch	80-150 inch	80-150 inch
	Brightness	1700 ISO lumen	2000 ISO lumen	3000 ISO lumen
	Resolution	4K@60Hz	4K@60Hz	4K@60Hz
	Throw Ratio	0.25: 1	0.25: 1	0.25: 1
	Electric Focus	Yes	Yes	Yes
	Keystone Correction	8 points	8 points	8 points
	Color Space	107% BT.2020	107% BT.2020	107% BT.2020
	Contrast Ratio	2,000,000:1(Dynamic Black enabled)	2,000,000:1(Dynamic Black enabled)	2,000,000:1(Dynamic Black enabled)
	HDR	HDR 10+, HDR10, HLG	HDR 10+, HDR10, HLG	HDR 10+, HDR10, HLG
	MEMC	Yes	Yes	Yes
	HDCP	HDCP2.2, HDCP1.4	HDCP2.2, HDCP1.4	HDCP2.2, HDCP1.4
	HDMI ARC	eARC	eARC	eARC
	Auto Brightness Adjustment	Yes	Yes	Yes
	Laser Outlet Blocked Detection	Yes	Yes	Yes
	Eye Safety	Yes	Yes	Yes
Patented TV Stick Compartment	Yes	Yes	Yes	
Audio & Noise	Audio Output Power	36W (Stereo)	36W (Stereo)	36W (Stereo)
	Audio Performance	Dolby Atmos, DTS Virtual X	Dolby Atmos, DTS Virtual X	Dolby Atmos, DTS Virtual X
	Noise	≤27dB	≤27dB	≤30dB

<b>Connectivity</b>	<b>HDMI</b>	3*HDMI 2.0b (eARC on HDMI 2)	3*HDMI 2.0b (eARC on HDMI 2)	3*HDMI 2.0b (eARC on HDMI 2)
	<b>USB</b>	2* USB 2.0	2* USB 2.0	2* USB 2.0
	<b>Ethernet</b>	1*LAN	1*LAN	1*LAN
	<b>Digital Audio Output</b>	1*S/PDIF	1*S/PDIF	1*S/PDIF
	<b>Analog Video Input</b>	1* AV In	1* AV In	1* AV In
	<b>TV Stick Pocket</b>	1	1	1
	<b>Wi-Fi</b>	Yes, 802.11a/b/g/n/ac (Dual-Band)	Yes, 802.11a/b/g/n/ac (Dual-Band)	Yes, 802.11a/b/g/n/ac (Dual-Band)
	<b>Bluetooth</b>	Yes	Yes	Yes
<b>Power</b>	<b>Power Supply</b>	100 -240 V@ 50-60Hz	100 -240 V@ 50-60Hz	100 -240 V@ 50-60Hz
	<b>Power Consumption</b>	175 W	175 W	320 W
	<b>Standby Mode</b>	0.5 W	0.5 W	Yes, IR & Bluetooth dual mode
<b>Accessories</b>	<b>Remote Control</b>	Yes, IR & Bluetooth dual mode	Yes, IR & Bluetooth dual mode	Yes
	<b>Manual</b>	Yes	Yes	Yes
	<b>Power Cord</b>	Yes	Yes	Yes
	<b>AV Input Cable</b>	Yes	Yes	Yes
<b>General</b>	<b>Dimensions</b>	23.6*13.9*5.7 inch 599*353*145 mm	23.6*13.9*5.7 inch 599*353*145 mm	23.6*13.9*5.7 inch 599*353*145 mm
	<b>Weight</b>	21 lbs/9.5 kg	21 lbs/9.5 kg	23.8 lbs / 10.8 kg
	<b>Packaged Dimensions</b>	29.0*19.5*12.1inch 738*495*307 mm	29.0*19.5*12.1 inch 738*495*307 mm	29.0*19.5*12.1 inch 738*495*307 mm
	<b>Packaged Weight</b>	28.9lbs / 13.1 kg	28.9lbs / 13.1 kg	31.7 lbs / 14.4 kg
	<b>Working Temperature</b>	41-104°F / 5 - 40°C	41-104°F / 5 - 40°C	41-104°F / 5 - 40°C
	<b>Humidity</b>	20 % - 80 % RH	20 % - 80 % RH	20 % - 80 % RH
	<b>Atmospheric Pressure</b>	86-106 kpa	86-106 kpa	86-106 kpa

Disclaimer :All products,product specifications,and data are subject to change without notice fo improve reliability,function , design or otherwise.

## Maintenance

- Do not wipe this device with oil because it may deteriorate the exterior or damage the paint. Contact with rubber or ethylene products for a long time may cause stains on this device.
- If the outside of the AWOL VISION 4K TriChroma laser is dirty, turn off the projector and wipe with a dampened soft cloth.
- Do not touch the lens with your hands.
- Do not touch or wipe the lens with an ordinary cleaning cloth. Use a dust blower to remove the dust on the lens. Grease, dirt and fingerprints should be cleaned carefully by using an optical cleaning cloth, lens wiping paper or professional cleaning solutions to avoid destroying the optical filming and affecting the image quality.
- To turn off this device, press the [Power] button on the remote control. Do not cut off the power directly when the device is working.

## Troubleshooting

Please check the following table to see if you can find the cause of the failure you encountered.

When you are convinced that you have followed these instructions and still cannot fix the problem, you may consider contacting a professional service provider for repair.

<b>Problem</b>	<b>Solution</b>
The light output of the TriChroma laser is disabled.	In this case, if the power indicator illuminates a red light 5 times, please check whether the foreign object detection window is covered or dirtied. If so, uncover or carefully clean the foreign object detection window.

<p>No sound or picture</p>	<ol style="list-style-type: none"> <li>1. Check if the power cord is plugged into a powered AC outlet.</li> <li>2. Press the Power button on the remote control to activate the unit from 'Standby' mode.</li> <li>3. Check to see if the LED light is on or not. If it is, then the TriChroma laser is receiving power.</li> </ol>
<p>The picture is normal but there is no sound</p>	<ol style="list-style-type: none"> <li>1. Check the volume settings.</li> <li>2. Check if 'Mute' mode is set to On.</li> <li>3. Check the sound output setting status (Speaker, Bluetooth, HDMI (eARC) or S/PDIF).</li> </ol>
<p>The sound and/or picture is distorted or appears wavy</p>	<ol style="list-style-type: none"> <li>1. An electric appliance may be affecting the projector. Turn off any appliances that are nearby and move it farther away from the TriChroma laser.</li> <li>2. Insert the power plug of the TriChroma laser set into another power outlet.</li> </ol>
<p>The remote control does not work</p>	<ol style="list-style-type: none"> <li>1. Confirm that TriChroma laser still has power and is operational.</li> <li>2. Change the batteries in the remote control.</li> <li>3. Check if the batteries are correctly installed.</li> </ol>
<p>Android system not working</p>	<p>Power off the device, unplug the power cord. Plug it again after 1 minute and power on the device.</p>
<p>The system prompts a message of high temperature and the device shuts off automatically</p>	<p>Make sure the device is working in a proper ambient temperature (within the device's working temperature range) and that the vents are not blocked. Restart the device.</p>

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