POWERING ON
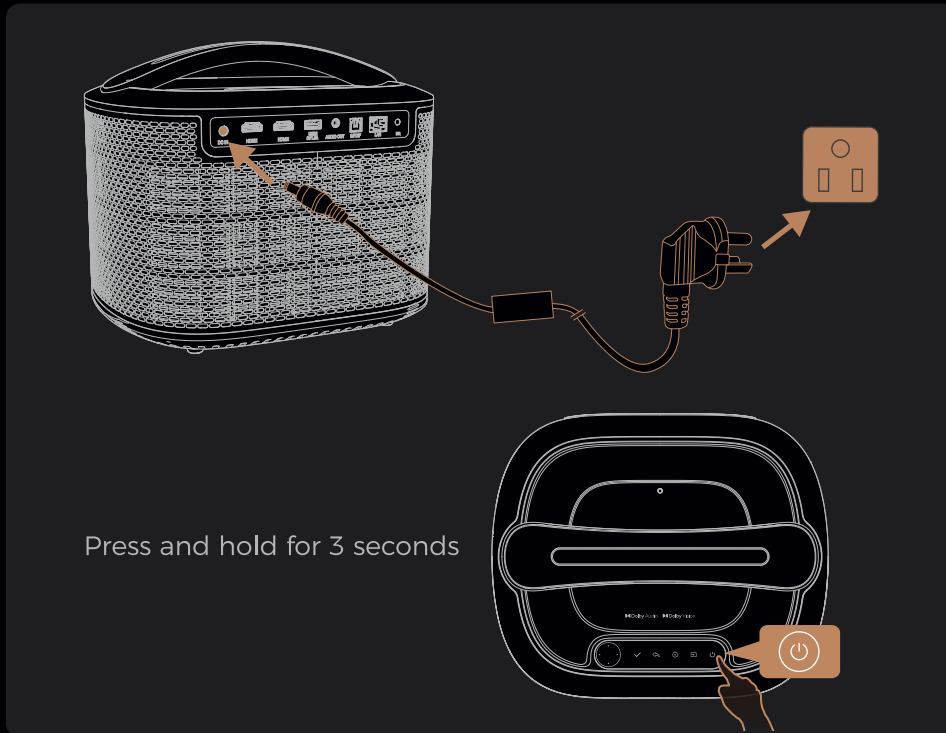
1. Plug the projector into a power outlet using the provided power cable.

2. Press and hold the Power button on top of the projector for 3 seconds to turn on the TriVision Ultra.

Press and hold for 3 seconds

COMPLETING FIRST TIME SET-UP

The first time you use your projector, follow the on-screen instructions to complete the basic set-up, which involves:

• Pairing the remote with the projector,

• Selecting your preferred language,

• Selecting your preferred time zone,

• Adjusting focus,

• Adjusting keystone, and

• Connecting to a network.

ADJUSTING IMAGE CLARITY

Please adjust the focus if the image appears blurry.

Automatic Focus

To achieve a clear image without manual adjustment, you can enable automatic focus. To do so, please go to Settings > Image > Auto/Manual Focus > Autofocus.

💡 Please wait 3-5 seconds for changes to take effect.

Under Advanced Settings, you can also enable Autofocus on Power on and / or Autofocus after Moving as needed.

Manual Focus

Go to Settings > Image > Auto/Manual Focus > Manual Focus. Then use the Left / Right buttons to adjust the focus.
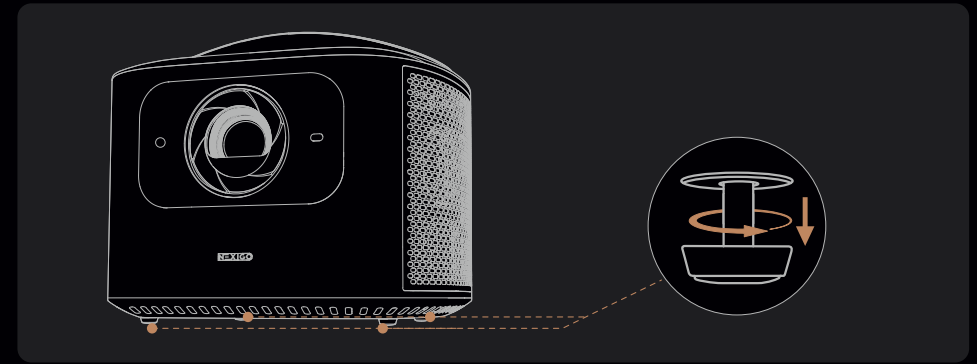

Focus
The projector needs to focus to ensure a clear image.

Press [Left/Right] to adjust the focus. Press [Back] to go to the next step.

💡 • Please wait to make manual adjustments until the TriVision Ultra has been on for at least 30 minutes.
 • Please disable Autofocus on Power on and Autofocus after Moving to ensure your manual adjustments remain unchanged.
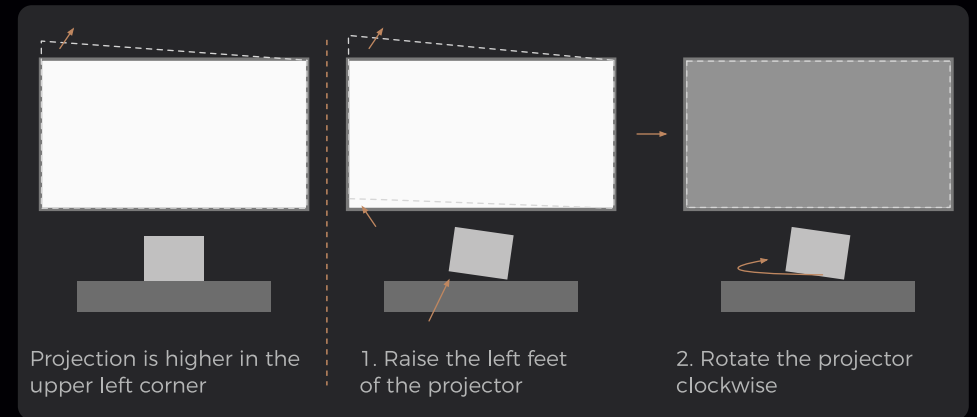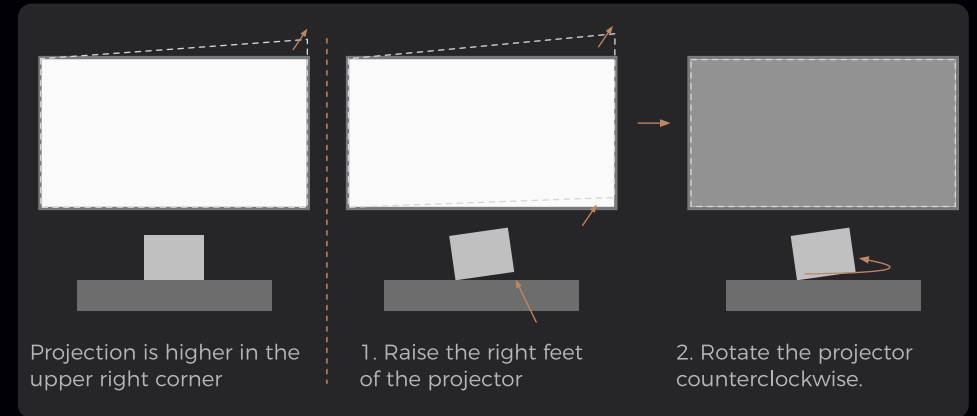
FIXING IMAGE DISTORTION

Adjusting the Projection Angle

Start by attempting to fix any projection distortion by twisting the adjustable feet to tilt the projector.

Distortion Issue	How To Fix

Projection is higher in the upper right corner

1. Raise the right feet of the projector

2. Rotate the projector counterclockwise.

Projection is higher in the upper left corner

1. Raise the left feet of the projector

2. Rotate the projector clockwise

Correcting Keystone

If the projection is still distorted after using the methods above, use Keystone Correction to adjust the projection.
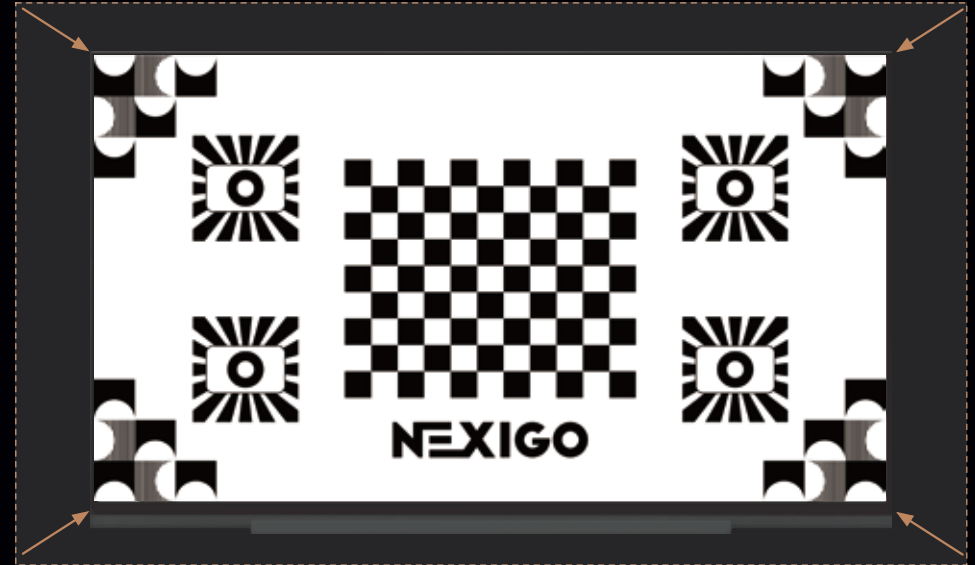
Automatic Keystone

If projecting onto a white wall, go to Settings > Image > Keystone Correction > Automatic Keystone Correction.

You can also activate Auto Keystone Correction at Startup, Run Keystone Correction When the Device Moves, and Automatic Obstacle Avoidance as needed.
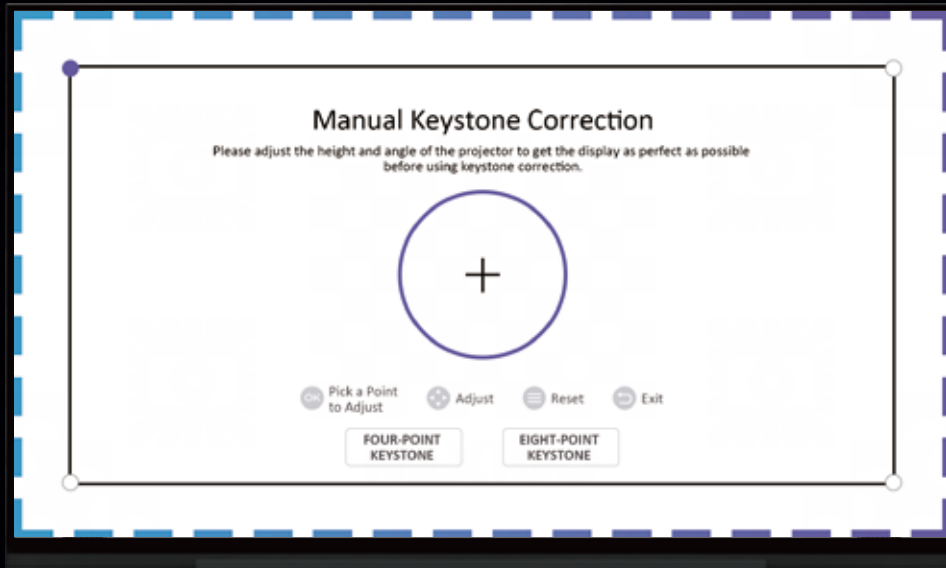
If projecting onto a screen, go to Settings > Image > Keystone Correction > Auto Screen Alignment.

💡 Please wait 3-5s for auto adjustment to take effect.

Manual Keystone

Go to Settings > Image > Keystone Correction > Manual Keystone Correction. Then, select Four Point to adjust the corners only or Eight Point to adjust the corners and edges.

Manual Keystone Correction
Please adjust the height and angle of the projector to get the display as perfect as possible before using keystone correction.

Pick a Point to Adjust   Adjust   Reset   Exit

FOUR-POINT KEYSTONE   EIGHT-POINT KEYSTONE

For small and precise changes, you can select Fine Tune.

Please disable Auto Keystone Correction at Startup, Run Keystone Correction When the Device Moves, Automatic Obstacle Avoidance and Auto Screen Alignment to ensure your manual adjustments remain unchanged.

POWERING OFF

Press the Power button on the remote or device and select Power Off to turn off the projector. It is recommended to unplug the power if the projector is not in use for an extended period.

Press once

Press and hold for 3 seconds

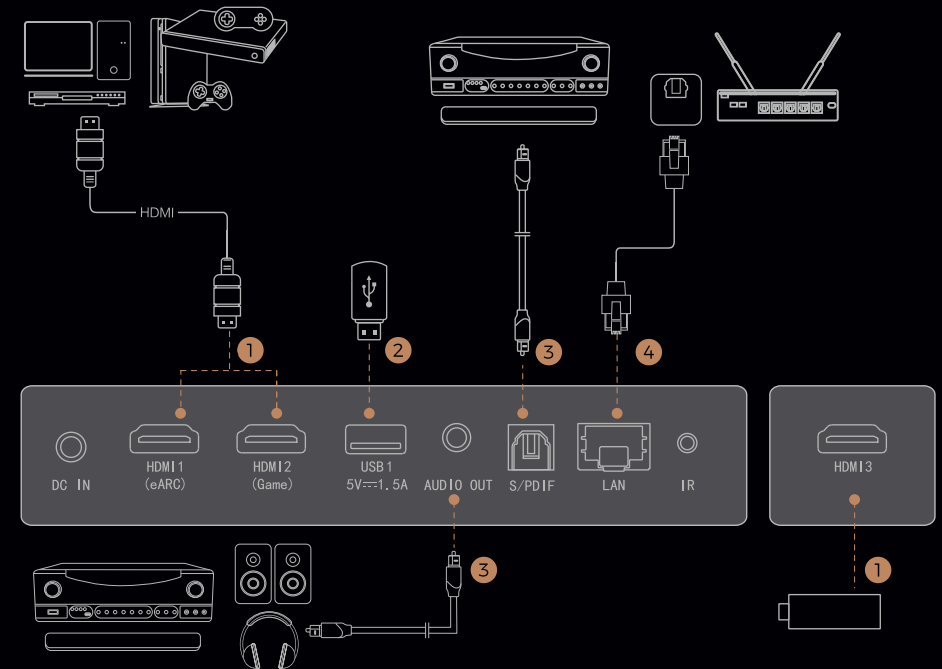Option 1   Option 2
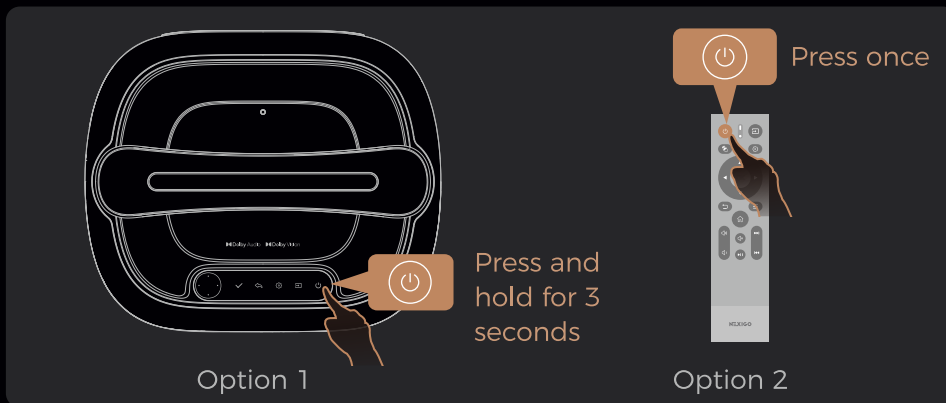
CONNECTORS AND PORTS

When connecting a device to the projector, please be sure to:
1. Turn off all devices before making any connections,
2. Make sure the cable is inserted securely, and
3. Use the appropriate cable for the device.

DIAGRAM OF PORTS

DC IN   HDMI1 (eARC)   HDMI2 (Game)   USB1 5V⎓1.5A   AUDIO OUT   S/PDIF   LAN   IR   HDMI3

1: HDMI 1 (eARC Support) / HDMI 2 (Recommend for Gaming) / HDMI 3 (For Fire TV Stick)
To connect devices like cable boxes, DVD players, streaming sticks (Roku, Fire TV, etc.), and computers.

2: USB 1
To connect storage devices like mobile hard drives and USB flash drives.

3: Audio Out / S/PDIF
To connect audio devices like soundbars or speakers.

**4: LAN**
To connect an Ethernet cable.

- Please use an HDMI cable version 2.1 or higher for optimal performance (not included).
- Many laptops do not enable their video out ports automatically when connected to a projector. Usually there is a key combo to turn the external display on / off. Please refer to the documentation for your laptop to find which key combination to use to enable your laptop to display to your projector.
- If the selected input source is not displayed after the projector is turned on and the correct source has been selected, check that the input source device is powered on and properly plugged in. Also make sure that your device is in one of the supported formats below (see Timing Chart on page 35).

FIRE TV STICK STORAGE COMPARTMENT

There is a Fire TV Stick storage compartment on the bottom of the TriVision Ultra. Loosen the screw to remove the cover. Inside, you will see an HDMI port and a USB power port inside the compartment. You can hide the TV stick inside to keep everything tidy, eliminating the need for any extra power cables.

Micro USB

HDMI
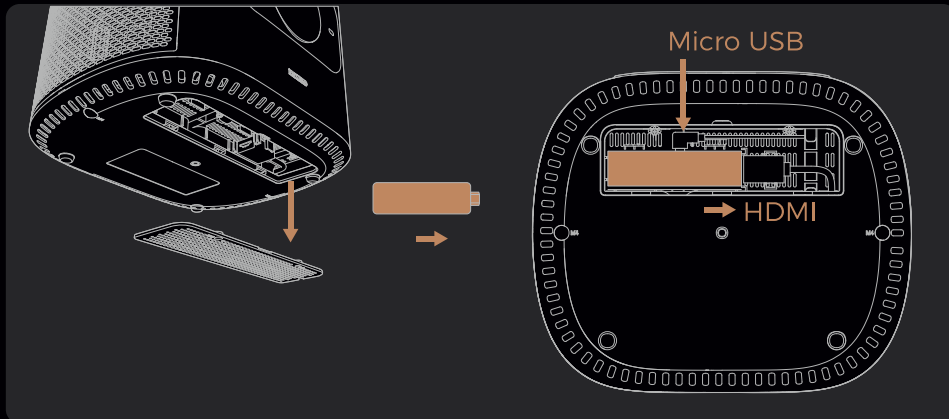
NETWORK CONNECTION

You can connect to the internet via a wired or wireless connection.
For a wired connection, plug in an Ethernet cable to connect.
For a wireless connection, please go to Settings > Wi-Fi Network > Wi-Fi Connection, turn on the Wi-Fi, then select your wireless network from the list of available devices. Follow the on-screen instructions to connect your projector to Wi-Fi.

💡 The "&" symbol is not available in the on-screen keyboard. Please use a USB keyboard as needed to input this symbol.

BLUETOOTH CONNECTION

USING THE TRIVISION ULTRA AS A BLUETOOTH SPEAKER

You can play audio from another source on the projector using Bluetooth. To do so, go to Settings > Bluetooth Connection > Input, then enable Bluetooth for the device you would like to connect. If necessary, connect to the TriVision Ultra from your other device as well.

PAIRING AUDIO DEVICES

The projector can play on an external audio device via Bluetooth. To set this up, go to Settings > Bluetooth Connection > Output, then scroll down to Search for Bluetooth Devices until you see the Bluetooth audio device you wish to connect to.

PAIRING WITH OTHER DEVICES

To pair with a controller, keyboard, mouse, remote, or most other Bluetooth devices, select Search Devices and choose a device to pair.

SCREEN MIRRORING

💡 Your device must be connected to the same Wi-Fi network as the TriVision Ultra before you can begin screen mirroring.

AIRPLAY

AirPlay is an application designed to share content between Apple devices and specialized third-party pieces of hardware. To set up this connection, please refer to the following instructions.

For iOS Devices

1. On the projector, go to Home > Cast > AirPlay and select iPhone.

2. Go to the System Settings on your iPhone and enable the Screen Mirroring function. Then, select "TriVision Ultra-XXXX" from the list of available devices to establish the connection.

3. Your device is now connected.

For macOS Devices

1. On the projector, go to Home > Cast > AirPlay and select MAC.

2. Go to the System Settings on your Mac and enable the Screen Mirroring function. Then, select "TriVision Ultra-XXXX" from the list of available devices to establish the connection.

3. Your device is now connected.

MIRACAST

Miracast is a software for wirelessly sharing the screen from an Android or Windows device. To set up this connection, please refer to the following instructions.

For Android Devices

1. On the projector, go to Home > Cast > Miracast and select Android.

2. Open casting software on your Android and choose "TriVision Ultra-XXXX" from the available devices to establish the connection.

3. Your device is now connected.

💡 Android devices may have mixed functionality with Miracast. Most devices have a built-in app that supports it. Please refer to the instructions for your device for details.
• If you have a OnePlus or Google Pixel, search for Cast
• If you have a Samsung, search for Smart View
• If you have a Sony, search for Screen Mirroring

Additionally, there may be third-party apps you can download to your Android device to provide Miracast functionality. We cannot guarantee that this will work as intended with all Android devices. Check with your device manufacturer for information regarding Miracast support.

For Windows Devices

1. On the projector, go to Home > Cast > Miracast and select Windows.

2. On your Windows device, press Windows Key + K at the same time to open casting software and choose "TriVision Ultra-XXXX" from the available devices to establish the connection.

3. Your device is now connected.

DLNA

DLNA is software that shares the display from another device that supports DLNA connections. To set up this connection, please refer to the following instructions.

1. On the projector, go to Home > Cast > DLNA > DLNA.

2. On the device that you want to cast from, open a video or other file you want to share that supports DLNA (e.g., YouTube), and then tap the button on the app that allows you to cast.

3. Select "TriVision Ultra-XXXX" from the list of options.

4. Your device is now connected.

FAQ

Scan the QR code to find continuously updated FAQs and video support.

CONNECT A SOUNDBAR OR SPEAKER TO THE TRIVISION ULTRA

To connect a soundbar or speaker, you can use one of the methods below, depending on the connection options available on your soundbar.

Option 1: HDMI eARC or ARC (Recommended)

Connect your soundbar or speaker to the HDMI 1 port on the TriVision Ultra using an HDMI cable. Then, go to Settings > Audio Settings > Sound Output Source and select HDMI eARC. For an HDMI ARC compatible soundbar or speaker, you will also need to switch the ARC option to On. This ensures that audio is sent from the projector to the soundbar via HDMI with enhanced capabilities.

Option 2: Optical

Connect your soundbar or speaker to the S/PDIF port on the projector using an optical cable. Then, go to Settings > Audio Settings > Sound Output Source and select S/PDIF.

Option 3: Bluetooth

Enable Bluetooth on your soundbar or speaker and on the TriVision Ultra. On your projector, go to Settings > Bluetooth Connection > Output, then scroll down to Search Device and choose your soundbar from the list of available devices.

CHOOSE AN AUDIO OUTPUT FORMAT

In the Sound Output Source menu, when you select an external speaker (options HDMI eARC or S/PDIF), you will see the following options: PCM, RAW, Dolby Digital, Dolby Digital Plus, and Auto. For help figuring out which of these formats to choose, refer to the advice below.

• With PCM output, the audio source is processed and decoded before it is sent to the speakers. It has wide compatibility, but the sound quality will be altered compared to the raw audio. PCM is the ideal choice if your speaker does not support end-line decoding, or if you prefer more processed sound quality.

• With RAW output, no processing or decoding is performed on the audio output by the projector, allowing the audio to retain much of the original sound quality. Generally, the RAW output is the optimal choice if you have a receiver that is capable of performing the decoding itself.

• With Dolby Digital output, the digital audio signal will be compressed into a smaller size, allowing for more efficient storage and transmission of audio data.

• With Dolby Digital Plus output, the digital audio signal will be compressed by an enhanced version of Dolby Digital that offers higher audio quality and supports additional channels.

NO SOUND FROM TRIVISION ULTRA

If there is no sound coming from TriVision Ultra, you may have selected a different audio output source. Go to Settings > Audio Settings > Sound Output Source and select the Built-in Speakers to switch the audio output back to the TriVision Ultra.

ADJUST THE SCREEN SIZE

Option 1: Moving the TriVision Ultra (Recommended)

Change the distance between the TriVision Ultra and the surface that it projects onto to adjust the screen size.

Option 2: Adjust Digital Zoom

Go to Settings > Display > Keystone Correction > Adjust Size and Position. Use the Left and Right Arrow buttons to adjust the Zoom, which will make the projected image smaller. Once you've adjusted Zoom, you can adjust the Position of the screen as needed.

PLAY A 3D MOVIE

Option 1: Watching on an HDMI Device

1. Press the Source button on the remote control and select the HDMI input source you wish to use to watch a 3D movie.

2. Turn off Low Latency and 24p / 50p Cinema Mode before playing a 3D Movie. To do this, press the Setting button and go to Image > Image Parameters > Others > Enable Low Latency > Off, and Image > 24p / 50p Cinema Mode to Off.

3. Then, go to Signal > Signal Source Settings > 3D Settings > 3D Format and select one of the available 3D formats.

Option 2: Watching on a USB Device

1. To play a video from a storage device, press the Source button and select USB.

2. Open a 3D movie file.

3. Then, enable 3D playback by navigating to Settings > 3D Settings > 3D Format and selecting one of the available 3D formats.

> 💡 • To watch 3D videos, you must use a pair of 120Hz active shutter DLP 3D glasses with left / right eye rotation feature (not included). For the best experience, we suggest purchasing NexiGo DLP Link 3D glasses (B0CJQQHMGS) from our official website or our Amazon store. Using an external 3D Blu-ray player (not included) will further enhance your 3D viewing experience.
>
> • 3D compatibility is limited by your input source device, as described below.
>
> USB device: Supported 3D formats include Top-Bottom and Left-Right.
>
> HDMI device: Supported 3D formats include Frame Sequential, Frame Packing, Top-Bottom, and Left-Right.

> 💡 • Not every 3D format supports refresh rates over 30 Hz. Refer to the chart below to determine which Refresh Rates are supported by your preferred 3D format.

3D Format	Signal	Resolution	Aspect Ratio	Refresh Rate(Hz)
Frame Packing	720p	1280 x 720	16:9	24 / 30 / 50 / 60
	1080p	1920 x 1080	16:9	24 / 25 / 30 / 50 / 60
	4K	3840 x 2160	16:9	24 / 25 / 30
Left Right	720p	1280 x 720	16:9	24 / 30 / 50 / 60
	1080p	1920 x 1080	16:9	24 / 30 / 50 / 60
	4K	3840 x 2160	16:9	24 / 25 / 30
Top Bottom	720p	1280 x 720	16:9	24 / 30 / 50 / 60
	1080p	1920 x 1080	16:9	24 / 30 / 50 / 60
	4K	3840 x 2160	16:9	24 / 25 / 30

CONTROL FIRE TV WITH TRIVISION ULTRA REMOTE

Access an HDMI device by going to Settings > Signal Source Setting > CEC Control > On.

This enables you to control your TV stick using the remote control that came with the TriVision Ultra.

> 💡 After enabling the CEC function, the Return button cannot exit the current HDMI source. You can use the Home button to return to the projector home page, use the Source button to switch to another input source, or disable CEC to use the Return button as usual.

DOES NOT TURN ON

• Please make sure that the device is properly connected to a power source. Press and hold the Power button on the projector to turn it on.

• If the projector is hot, please wait for it to cool down before restarting it.

• If this does not help resolve the issue, please contact NexiGo customer support at cs@nexigo.com.

NO IMAGE

• Power off the device and unplug the power cable. Let the device sit for one minute to allow the capacitors to discharge. After one minute, plug it in again and power on the device.

• The device providing the input source for the projector may not be powered on or connected properly. Please unplug the input device and then reconnect it, ensuring that the connection is solid.

• The input source may be incorrect. Press the Source button to select the correct input source.

SYSTEM CRASHES OR FREEZES

• Power off the projector and unplug the power cable. Allow the projector to sit for one minute to allow the capacitors to discharge. After one minute, plug it in again and power on the device.

• Free up space on the system by deleting files you don't use.

PROJECTOR SHUTS DOWN FROM OVERHEATING

• Please remove any objects that may be blocking the air vents on the projector. Then, restart the projector.

• Move the projector away from heat sources such as air ducts, space heaters, or direct sunlight.

THE REMOTE CONTROL DOES NOT WORK

• The batteries may be drained. Please replace the remote control batteries with new AAA batteries.

• There may be objects in front of the IR sensor on the back of the projector. Please remove any obstacles blocking the sensor.

• The remote may be too far from the projector. Please use the remote within 26 feet of the projector.

SPECIFICATIONS

PROJECTOR SPECIFICATIONS

Projection System	
Display Type	DLP
Resolution	4K UHD (3840 x 2160)
Projection Size	80" to 150"
Throw Ratio	1.27:1
RAM / EMMC	4G / 128G
Audio	
Speakers	15W x 2
Dolby Audio	Yes
Connectivity	
HDMI	HDMI 2.1 x 3
USB	USB-A x 1, Micro-USB Connector x 1
Audio Out	3.5mm Jack x 1
Digital Audio Output	S/PDIF x 1
RJ45	RJ45 x 1
Wi-Fi	802.11ax Wi-Fi 6 2T2R
Bluetooth	5.2
Power	
Power Supply	24V ⎓ 12.5A
Power Consumption	300W
Standby Mode	≤0.5W
Adapter	Model No.: HKA300240A3-0A7 Input: 100-240V ~ 60/50Hz, 5A Output: 24V ⎓ 12.5A, 300W

SUPPORTED FORMATS

USB File Formats:

Settings	Options	Supported Format
USB File Management	Video	MP4 / MPEG / VOB / MKV / TS / AVI / FLV / 3GPP
	Audio	MP3 / AC3 / FLAC / WAV / M4A
	Document	.doc / .docx / .txt / .pdf
	Photo	JPG / JPEG / PNG / BMP / TIF
	3D Video	Top Bottom / Left Right (Play a 3D video from applications or a USB flash drive)
		Frame Sequential / Frame Packing / Top Bottom / Left Right (Play a video from your HDMI source)

TIMING CHART

> 💡 The maximum supported video bit rate is 100 Mbps.

3D Support Timing

3D Format	Signal	Resolution	Aspect Ratio	Refresh Rate(Hz)
Frame Packing	720p	1280 x 720	16:9	24 / 30 / 50 / 60
	1080p	1920 x 1080	16:9	24 / 25 / 30 / 50 / 60
	4K	3840 x 2160	16:9	24 / 25 / 30
Left Right	720p	1280 x 720	16:9	24 / 30 / 50 / 60
	1080p	1920 x 1080	16:9	24 / 30 / 50 / 60
	4K	3840 x 2160	16:9	24 / 25 / 30

	720p	1280 x 720	16:9	24 / 30 / 50 / 60
Top Bottom	1080p	1920 x 1080	16:9	24 / 30 / 50 / 60
	4K	3840 x 2160	16:9	24 / 25 / 30

HDMI PC Timing:

Signal	Resolution	Refresh Rate(Hz)
VGA	640 x 480	60 / 72 / 75 / 85
SVGA	800 x 600	56 / 60 / 72 / 75 / 85 / 120
XGA	1024 x 768	60 / 70 / 75 / 85 / 120
HD	1280 x 720	24 / 25 / 30 / 50 / 60 / 100 / 120
WXGA	1280 x 768	60 / 75 / 85 / 120
	1280 x 800	60 / 75 / 85 / 120
	1366 x 768	60
Quad-VGA	1280 x 960	60 / 85 / 120
SXGA	1280 x 1024	60 / 75 / 85 / 120
SXGA+	1400 x 1050	60 / 75 / 85 / 120
WXGA+	1440 x 900	60 / 75 / 85 / 120
UXGA	1600 x 1200	60 / 65 / 70 / 75 / 85 / 120
WSXGA+	1680 x 1050	60 / 75 / 85 / 120
WUXGA	1920 x 1200	60 / 75 / 85
HDTV	1920 x 1080	24 / 25 / 30 / 50 / 60 / 100 / 120 / 240
4K UHD	3840 x 2160	24 / 25 / 30 / 50 / 60 / 100 / 120
DCI 4K	4096 x 2160	24 / 25 / 30 / 50 / 60 / 100 / 120

Signal	Resolution	Aspect Ratio	Refresh Rate(Hz)
480i	720 x 480	4:3 / 16:9	60 / 120
480p	720 x 480	4:3 / 16:9	60 / 120
576i	720 x 576	4:3 / 16:9	50 / 100
576p	720 x 576	4:3 / 16:9	50 / 100
720p	1280 x 720	16:9	24 / 25 / 30 / 50 / 60 / 100 / 120
1080i	1920 x 1080	16:9	24 / 30 / 60 / 120
1080p	1920 x 1080	16:9	24 / 25 / 30 / 50 / 60 / 120 / 240
4K	3840 x 2160	16:9	24 / 25 / 30 / 50 / 60 / 120

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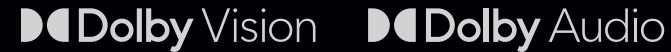
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HDR₁₀+

This product complies with the [SPECIFICATION][REVISION NUMBER]. The HDR10+™ logo is a trademark or registered trademark of HDR10+ Technologies, LLC in the United States and other countries.

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CERTIFICATION AND COMPLIANCE

CE CONFORMITY FOR EUROPEAN COUNTRIES

CE EU Compliance Statement: Nexight INC. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the Directive 2014/53/EU.

A copy of the EU Declaration of Conformity is available online at www.nexigo.com/euro-compliance.

EU contact address: AMZLAB GmbH, Laubenhof 23, 45326 Essen.

FCC STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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 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.

FCC Supplier's Declaration of Conformity

Product Name: 4K Tri-Color Laser Portable Projector
Model No.: PJ95
Suppliers Name: Nexight INC
Suppliers Address (USA): 11075 SW 11th St. Beaverton, OR 97005 U.S.A.
Suppliers Website: www.nexigo.com

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

IC STATEMENT

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.

L'émetteur / récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;

2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with ISED RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil ettoutes les personnes.

展开尺寸：296 *210mm，成型尺寸: 148*210mm			设计师: Amy
材质: 封面157g铜版纸，内页105g铜版纸，封面封底过防刮花膜			工艺：胶钉
印刷颜色: CMYK，金色色值为：C:29 M:53 Y:63 K:0 银色字体色值：C:0 M:0 Y:0 K:40			设计日期: 240703
变更版次:	变更人:	变更内容:	变更日期:

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