激光投影仪说明书

尺寸：145*180mm

封面：157g铜版纸彩色印刷

内页：128g铜版纸彩色印刷

封二封三留白

MlaxAngel
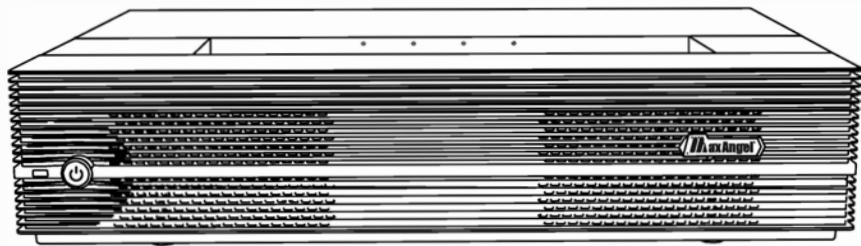
Laser TV User's Guide M1

Contents

Tips

⚠️ **WARNING:**

•This product may exert electromagnetic interference on, and cause malfunction of, cardiac pacemakers. Before using this product, check that there is no one in the vicinity using a cardiac pacemaker.

•This product may exert electromagnetic interference on, and cause malfunction of, sensitive medical equipment. Before using this product, check that there is no sensitive medical equipment in the vicinity.

•Do not use the wireless communication function near automatically controlled devices such as automatic doors or fire alarms. The electromagnetic waves may cause electromagnetic interference with equipment or cause the equipment to malfunction.

•Data transmission is always initiated by software, which is then passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinues transmission in case of either absence of information to transmit or operational failure.

U.S. FCC Notices

Contains FCC ID: Please refer to the label on the machine.

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.

(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 interference to radio and 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.

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. Properly shielded and grounded cables and connectors must be used for connection to host computers and/ or peripherals in order to meet FCC emission limits. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated with a distance of at least 7.9 inches (20 cm) between the radiator and your body.

Product Box Contents

Save all the packaging in case you need to ship the projector.

Always use the original packaging (or equivalent) when shipping.

Make sure your projector box included all of these parts:
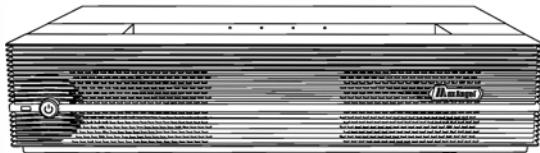
Laser TV

Streaming device
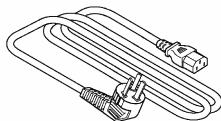
Power Cord


Quick Setup

User Manual
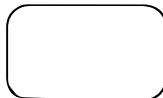
Clear Cloth
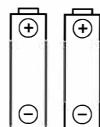

2*AAA Battery


Remote Control

Projector Overview

Power Button

Infrared Receiver

Speakers

Sensor

Laser Light

Sensor

Sensor

Power Port

| USB2.0 1 (10W) | USB2.0 2 (5W) | Update | Line Out | S/PDIF | HDMI 1 | HDMI 2 | HDMI 3 | LAN |
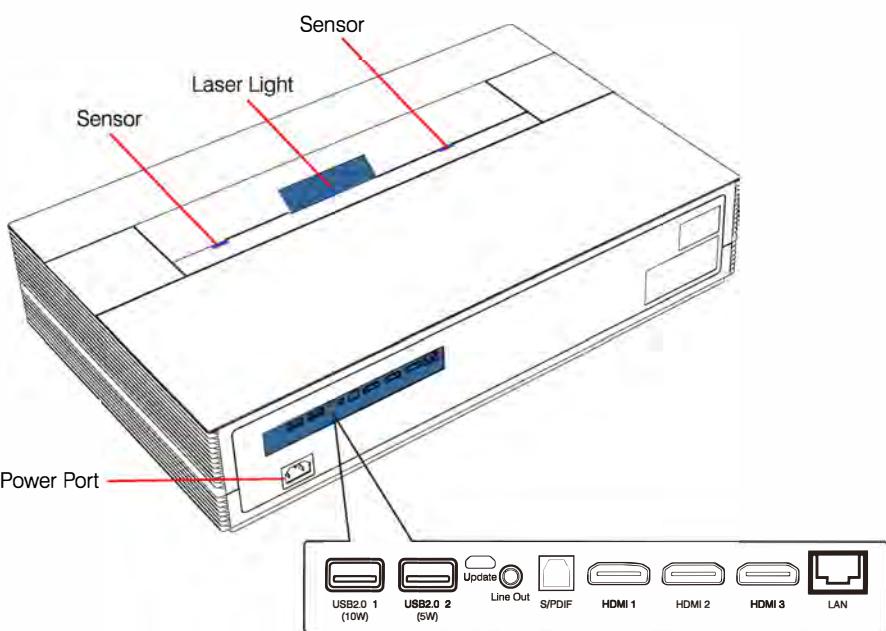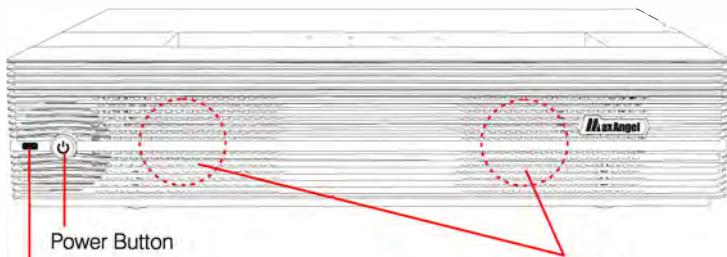
Turn on the Laser TV

1. Plug the Power Adapter into the projector, Please operate the next step after 3 -5 seconds because the system needs to be started.
2. Press the power button on the projector or the projector remote control.
The power indicator light changes from red to blue, then stay on.
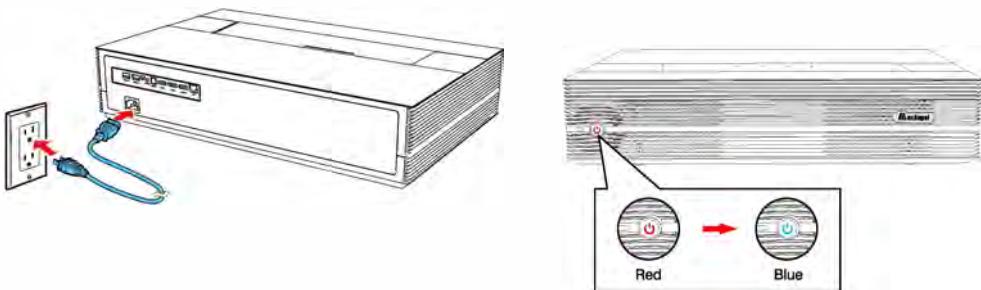
Warning: Never look into the projector lens when the laser is on.
 This can damage your eyes and is especially dangerous for children and pets. If you are using the remote control to turn the projector on, make sure no one is looking into the lens or in front
of the projector before turning it on.

Caution: Make sure no objects are blocking the light from the projector lens.
Objects blocking the lens for an extended time can melt and light that is reflected back into the lens can cause the projector to malfunction. Do not stand in front of the projector lens during projection. Your clothes could be damaged from the high temperature.

### ⚠️ Tips about Black Screen

• Turn on the connected computer or video device.
• Insert a DVD or other video media and press the play button, if necessary.
• Press the Source button on the projector or the projector remote control and select the desired input.
• Change the screen output from the computer when using a laptop.
 If the Home screen is displayed, select the source you want to project.

Turning Off the Laser TV

Press the power button on the Laser TV or remote control.

1. Power off by button: Press the power button directly (The Laser TV Turns Off -Indicator light red)
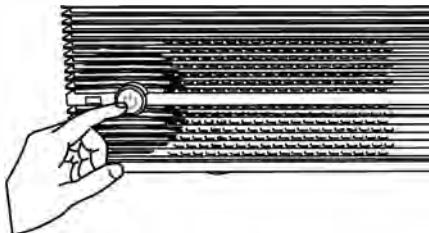
2. Turn off by Remote Control: The Laser TV displays a shutdown conformation screen.
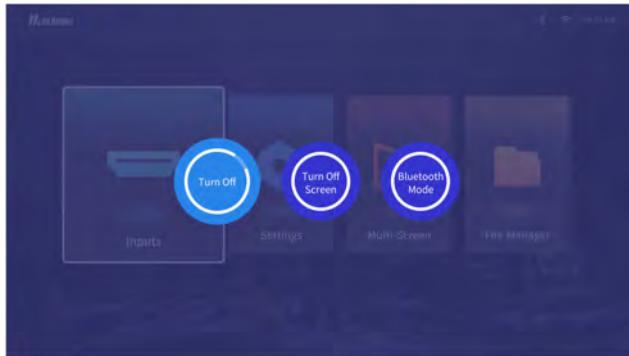
Turn Off -- The laser TV Turns Off (Indicator Light : Red)		**Sleep Mode** -- The Screen Turn Off (Indicator Light : Blue)	
Bluetooth Mode -- The Laser TV became a Bluetooth Speaker, you can connect your Bluetooth device for music or news. (Indicator Light : Blue)			

⚠️ Caution:

1. Do not turn the projector on immediately after turning it off. Turning the projector on and off frequently may shorten the life of the laser.

2. To avoid damaging the projector or laser, make sure the Status light is off, then unplug the power cord.

3. Turn off this product when not in use to prolong the life of the projector. Laser life will vary depending upon the mode selected, environmental conditions, and usage. Brightness decreases over time.

Projector Features

The Laser TV projector includes these special features:

A bright, high-resolution projection system
- Up to 4K (3840*2160P) Resolution.
- Up to 2500 lumens of color brightness (color light output) and white brightness (white light output).

Flexible connectivity
- 3*HDMI ports for computer or video device connection.
- 2*USB Ports for USB device.

| USB2.0 1 | USB2.0 2 | Update | Line Out | S/PDIF | HDMI 1 | HDMI 2 | HDMI 3 | LAN |
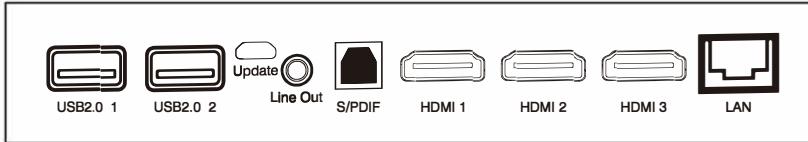
Innovative display and operation features.
- Long-life laser light source.
- High digital zoom ratio for larger images in shorter projection distances.
- Powerful 2 x 12 W stereo speaker system with audio out port for connecting external speakers.

Personalized Unique Features
- With the Multi-Screen function - The small screen becomes a home theater.
- MaxAngel M1's Direct Power On feature for quick and easy setup.

Installing Batteries in the Remote Control

The remote control uses 2*AAA batteries that came with the projector.

Caution: Use only the type of batteries specified in this manual. Do not install batteries of different types, or mix new and old batteries.

Note: Your remote may look different but the steps are the same.
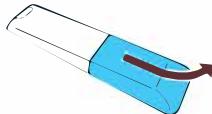
1. Remove the battery cover.
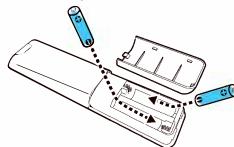
2. Insert the batteries with the + and – ends facing as shown.
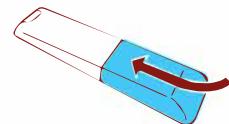
3. Replace the battery cover and slide it up until it clicks into place.

Warning: Dispose of used batteries according to local regulations. Do not expose batteries to heat or flame. Keep batteries out of the reach of children; they are choking hazards and are very dangerous if swallowed.

Remote Control Instruction

With 2 different remote controls. One for projection mode, one for TV stick mode.

1: For projection

---The remote control controls the laser projection TV, which is used the projection interface at this time
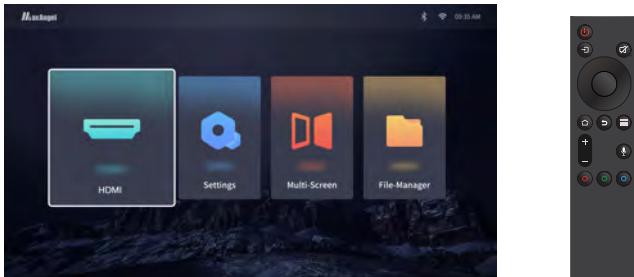
2: For the TV stick

----The remote control controls the TV stick, which is used the TV stick interface at this time.
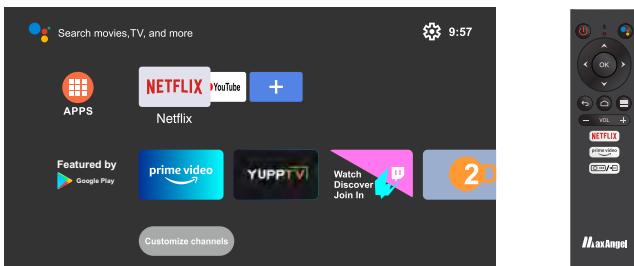
Notice:

(1) When activating the TV stick for the first time, please turn off the default download app option for better use.
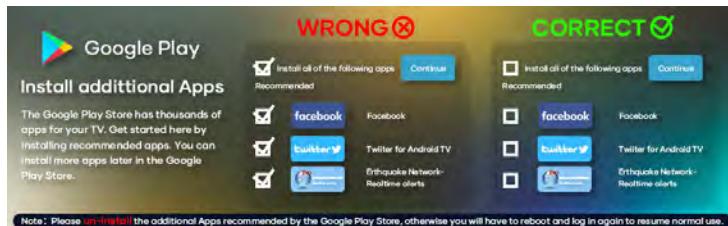
(2) When you try to switch from the TV stick mode to the projection mode, please turn off the streaming video that is currently firstly, otherwise the video will continue to play in the background by default.

(3) Please make sure that there is no baffle object between the remote control and the laser TV.

Detail Function about the Projection remote control

Power — Indicator light
Quick Setting — Mute
Up
OK
Down — Left / Right
Back
Home — Setting
Voice +
Voice - — None Function
Focus — Focus
None Function

Pairing Step

1. Turn on the Projector.
2. Within 0.5 Meters from the projector and press " 🎤 " button on the remote control for 3-5 seconds.
3. Indicator light will flash slowly and then quickly flash before going out.
4. Paired successfully.

Unpairing Step

1. Press and hold the " ⌂ " and " ☰ " Button at the same time for 3-5 seconds.
2. Indicator light will be long light to the flashing and when it goes out, canceled successfully.

PS: If need pairing with new remote control, pls canceled the paring first. Then try to paring again.

Projection Mode of Remote Control	
🔴 Power	Press to power ON/OFF
🔶 Quick Setting	Press to select the settings below the screen (Audio Mode, Projection way, Audio Output, Inputs)
🔇 Mute	Press to Mute
⌂ Home	Press to Home
↩ Back	Press to back to the last menu of laser TV
☰ Setting	Press to navigate and confirm selections in Settings and other menus
➕➖	Press to adjust the audio level
🎤	None Function
🔴 Focus	Press to make the top of the screen clear
⚫	None Function
🔵 Focus	Press to make the bottom of the screen become clear

Detail Function about the TV Stick remote control
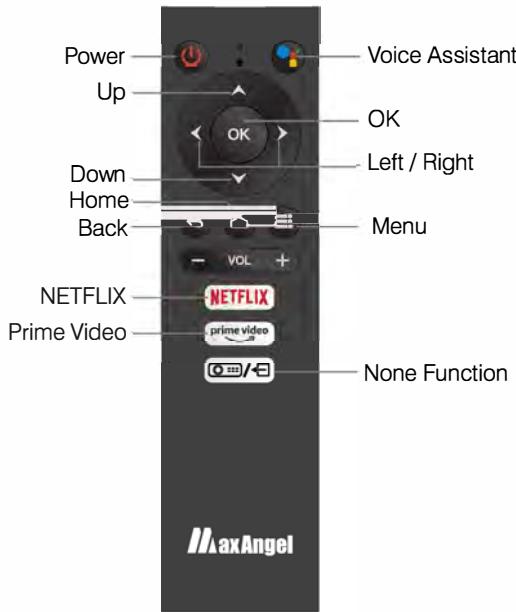
TV Stick of Remote Control		
● Power		Press to power ON/OFF
● Voice Assistant		Long press and talk
⮌ Back		Press to back to the last menus of TV Stick
⌂ Home		Press to Signal Source.
☰ Menu		Simple settings in the menu, such as wifi, login account, switch language, etc.
OK OK		Press to navigate and confirm selections in Settings and other menus
— VOL +		Press to adjust the audio level

Setting Up the Projector

Follow the instructions in these sections to set up your projector for use.

Projector Placement

You can place the projector on almost any flat surface to project an image.

Warning: We suggest that do not mount the projector on a ceiling or a wall. It could fall and cause damage or injury. Keep these considerations in mind as you select a projector location:
- Place the projector on a sturdy, level surface.
- Do not place or install the projector vertically.
- Leave plenty of space around and under the projector for ventilation, and do not place it on top of or next to anything that could block the vents.
- Wherever you set up the projector, make sure to position it squarely in front of the center of the screen, not at an angle, if possible.

Position the projector within reach of a grounded electrical outlet or extension cord.

Projector Setup and Installation Options

You can set up or install your projector in the following ways:

Wherever you set up the projector, make sure to position it squarely in front of the center of the screen, not at an angle, if possible. Do not place or install the projector vertically.

> ⚠️ **Note:**
> We suggest that Do not mount the projector on a ceiling or a wall. It could fall and cause damage or injury.
> Installation instructions for correction/focus screen are included in the package.

Projection Distance

The distance at which you place the projector from the screen determines the approximate size of the image. The image size increases the farther the projector is from the screen, but can vary depending on the zoom factor, aspect ratio, and other settings.

Use the tables here to determine approximately how far to place the projector from the screen based on the size of the projected image.

16:9 Aspect Ratio Image or Screen		
Projection distance (D) Wide to Tele	Offset from Projector Surface (H) Wide to Tele	Screen or image size
7cm（2.75inch）	33cm（12.99inch）	80 inches
17cm（6.69inch）	38cm（14.96inch）	100 inches
26cm（10.23inch）	44cm（17.32inch）	120 inches
41cm（16.14inch）	53cm（20.86inch）	150 inches

Using the Home Screen

You can select input sources and other frequently used options from the Home screen.

1. To display the Home screen, do one of the following:
• Press the Home button on the control panel.
• Turn on the projector with the Home Screen Auto Disp setting enabled.
• Turn on the projector when no signal is received from the selected input source.

2. Press the Arrow buttons on the remote control or control panel to navigate the screen, and press Enter to select an option.
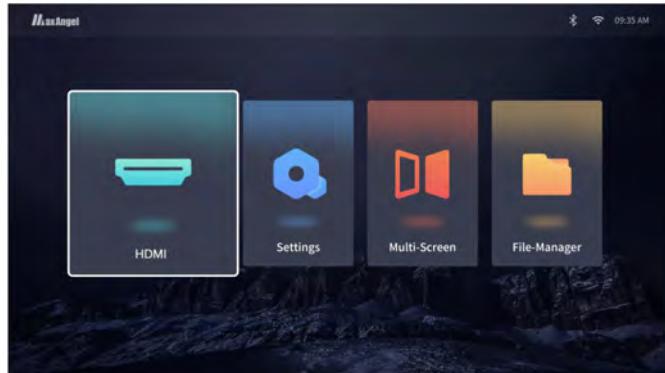
	Select for HDMI Source		Set the projection mode, wifi, bluetooth, sound effects, image mode, etc.
	Sync your smartphone		Plug the USB Device and play it

Connecting to an HDMI Video Source

If your video source has an HDMI port, you can connect it to the projector using an optional HDMI cable.
1.Connect the HDMI cable to your video source's HDMI output port.
Note: To display signals in the 18 Gbps transmission band, such as from a 4K 60 fps source, use a cable rated for HDMI 2.0 or higher or you may have trouble displaying an image. If you experience any trouble displaying images at 18 Gbps, change the EDID setting to Normal.
2.Connect the other end to one of the HDMI ports on the rear of the projector.
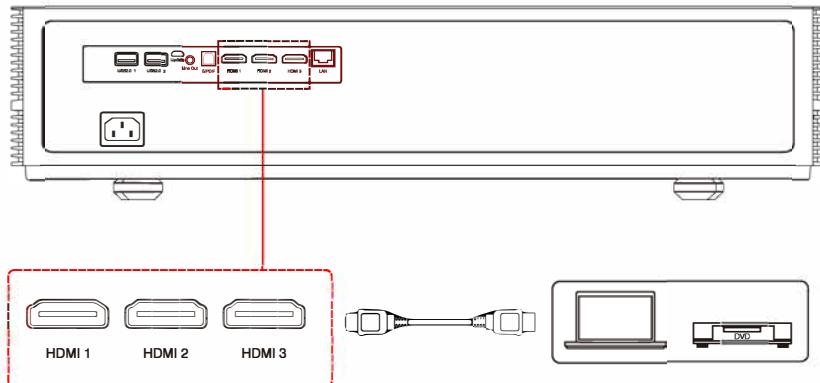
Connecting External Speakers Using HDMI ARC

If your external speakers or A/V receiver are HDMI ARC-compatible, you can connect them to the projector's HDMl2 (ARC) port using an optional HDMI cable.
When you use an audio device with ARC function, Press the shortcut key
 - Choose "Audio Output" - Select ARC for the audio out source.
1. Connect the HDMI cable to the ARC-compatible HDMI port on your external speakers or A/V receiver.
2. Connect the other end to the HDMl2 (ARC) port on the rear of the projector.
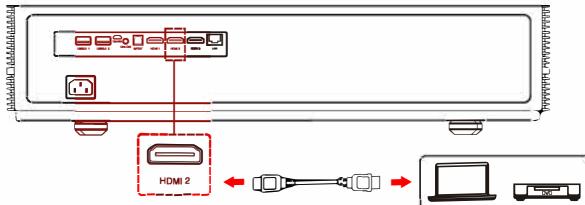
3. Only HDMI 2 supports ARC.

Multimedia connection

Insert USB Device into the corresponding slots (as shown in the picture).

Choose File Manager, Select Video, Music, Picture to enter the content you want to play.
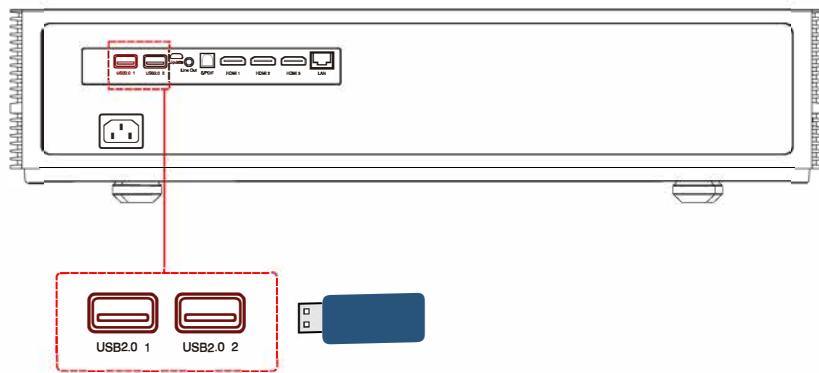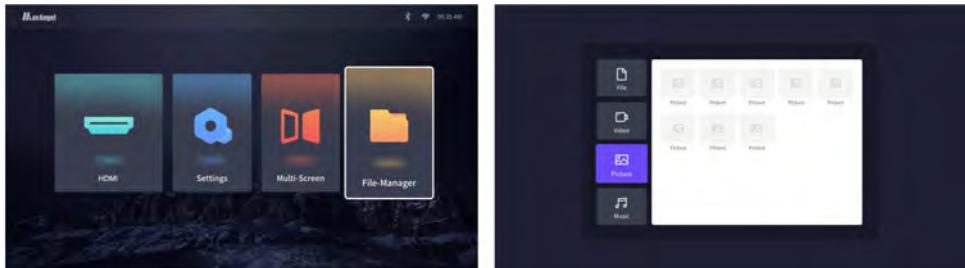
⚠ Tips:

It is recommended that the inserted USB device is less than 2T, otherwise, it may cause freezing/ Drop frame;USB 1 Outputs 10W, USB 2 Outputs 5W, when using a TV stick, we recommend using a USB 1 interface.

USB support formats: MKV / MP4 / MPEG transport stream / MPEG program stream / MKV / DivX / FLV / ASF / WMV / AVI / 3GPP / WebM / RM / MP3 / Matroska / WAV etc

Connecting to External Speakers

To enhance the sound from your video source, you can connect the projector to external self-powered speakers. You can control the projector's output volume using the projector's remote control.

You can also connect the projector to an amplifier with speakers. This bypasses the internal speakers.

1. Make sure your computer or video source is connected to the projector with both audio and video cables as necessary.

2. Locate the appropriate cable to connect your external speakers, such as a stereo mini-jack-to-pin- jack cable, or another type of cable or adapter.

3. Connect one end of the cable to your external speakers as necessary.

4. Connect the stereo mini-jack end of the cable to your projector's **Line Out** port.
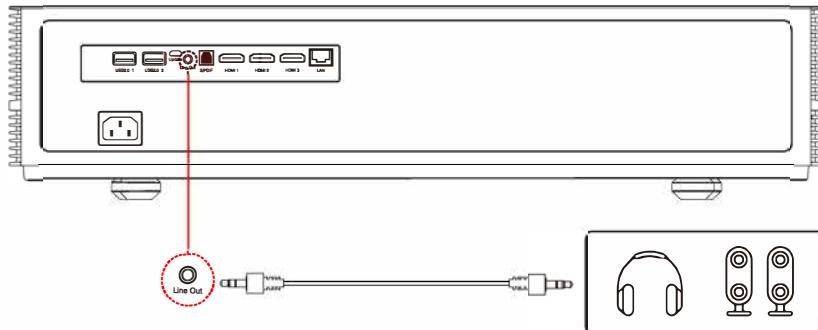
Solving Image or Sound Problems

Solutions When No Image Appears

If no image appears, try the following solutions:
- Press the ⊠ **A/V mute** button on the projector remote control to see if the image was temporarily turned off.
- Check the status lights to confirm the projector is operating normally.
- Make sure all necessary cables are securely connected and the power is on for the projector and connected video sources.
- Make sure the image being projected is not completely black (only when projecting computer images).
- Press the projector's power button to wake it from standby or sleep mode. Also see if your connected computer is in sleep mode or displaying a blank screen saver.
- If you are projecting from a streaming device, make sure it is powered by the USB power cable inside the projector. Turn on the connected streaming device or video source, and press the play button to start a video, if necessary.
- Make sure the connected device meets the HDMI CEC standard. See the documentation supplied with the device for more information. If necessary, set the CEC function for the connected device again and restart the device. Turn off the projector and the connected streaming device or video source, and then turn them back on.
- Turn off the projector and the connected streaming device or video source, and then turn them back on.
- Press the Menu button. If the projector menu displays, there may be a problem with the connected video source, cable connection, or port.
- Check the settings on the Signal menu to make sure they are correct for the current video source.
- Adjust the Brightness setting on the Image menu.
- Check the Display menu to make sure the Messages setting is set to On.
- If the projector does not respond when you press the control panel buttons, the buttons may be locked. Unlock the buttons. Press and hold the power button for 7 seconds or use the remote control.
- If the projector does not respond when you press buttons on the remote control, make sure the remote and projector are within range of each other.
- If you are projecting from a computer, make sure it is set up to display on an external monitor.
 If the computer's display is set to an extended or mirrored mode, try changing it to external output only.
- If you are projecting from a computer using an HDMI cable, turn off the computer and the projector. Make sure the HDMI cable is securely connected, turn the projector on, then turn the computer on.
- Check the video copyright protection and encryption. The projector may not be able to project copyrighted videos with updated or revised versions of HDCP encryption.
- If you are using a streaming media device, make sure it has an active Internet connection. Also make sure it is securely connected to the HDMI3 port using the HDMI extension cable and to the DC Out (2.0A) port using a USB power cable.
- If the other solutions do not solve the problem, reset all of the projector settings using the options on the Reset menu.

Solutions When "No Signal" Message Appears

If the "No Signal" message appears, try the following solutions:

• Press the ⬛ **button** on the projector's control panel or remote control repeatedly to cycle through the available sources. Wait a few seconds for an image to appear on each source you cycle through.

• Press the 🏠 **Home** button on the projector's control panel to select from a list of available sources (shown in black text).

• Turn on the connected computer or video source, and press its play button to begin your presentation, if necessary.

• Check the connection from the projector to your video sources.

• If you are projecting from a laptop computer, make sure it is set up to display on an external monitor.

• If necessary, turn the projector and the connected computer or video source off and then on again.

• If you are projecting from an HDMI source, replace the HDMI cable with a shorter one.

• Try a different video cable.

• If the other solutions do not solve the problem, reset all of the projector settings using the options on the Reset menu.

Displaying From a PC Laptop

If you see the "No Signal" message when you display from a PC laptop, you need to set up the laptop to display on an external monitor.

1. Hold down the laptop's Fn key and press the key labeled with a monitor icon or CRT/LCD.
(See your laptop manual for details.) Wait a few seconds for an image to appear. To display on both the laptop's monitor and the projector, try pressing the same keys again.

Note: On Windows 7 or later, hold down the Windows key and press P at the same time, then click Duplicate.

2. If the same image is not displayed by the laptop and projector, check the Windows Display utility to make sure the external monitor port is enabled and extended desktop mode is disabled.
(See your computer or Windows manual for instructions.)

3. If necessary, check your video card settings and set the multiple display option to Clone, Mirror, or Duplicate.

Solutions When "Not Supported" Message Appears

If the "Not Supported" message appears, try the following solutions:
• Make sure the input signal is supported by the projector.
• Make sure the computer's display resolution does not exceed the projector's resolution and frequency limit. If necessary, select a different display resolution for your computer. (See your computer manual for details.)
• As a test, try setting the computer's display resolution to the lowest possible setting, and then gradually increase it as necessary.
Check the input resolution under Projector Info in the Info menu and make sure that the projector supports that resolution.

Solutions When Only a Partial Image Appears

If only a partial computer image appears, try the following solutions:
• Select a different image aspect mode in the Signal menu.
• Check your computer display settings to disable dual display and set the resolution within the projector's limits. (See your computer manual for details.)
• Check the resolution assigned to your presentation files to see if they are created for a different resolution than you are projecting in. (See your software help for details.)
• Make sure you selected the correct Projection setting.
• Try adjusting the image position using the Image Shift setting in the Settings menu.
• If you are passing the video signal through another device, make sure the device is set up correctly, then try connecting the video source directly to the projector.
• If you are viewing a 3D image, make sure you selected the correct 3D format.
• If the other solutions do not solve the problem, reset all of the projector settings using the options on the Reset menu.

Solutions When the Image is Not Rectangular

If the projected image is not evenly rectangular, try the following solutions:
• Place the projector directly in front of the center of the screen, facing it squarely, if possible.
• Adjust the image shape using the Keystone menu setting.
• Adjust the Quick Corner setting to correct the image shape.

Solutions When the Image Contains Noise or Static

If the projected image seems to contain electronic interference (noise) or static, try the following solutions:
- Check the cables connecting your computer or video source to the projector. They should be:
- Separated from the power cord to prevent interference
- Securely connected at both ends
- Not connected to an extension cable
- No longer than 24 feet (7.3 m) for HDMI cables
- Check the settings on the projector's Signal menu to make sure they match the video source. If available for your video source, adjust the Deinterlacing and Noise Reduction settings.
- Select a computer video resolution and refresh rate that are compatible with the projector.
- If you adjusted the image shape using the projector controls, try decreasing the Sharpness setting to improve image quality.
- If you connected an extension power cable, try projecting without it to see if it caused interference in the signal.
- Try a different cable.
- Try adjusting the Image Enhancement settings on the Image menu.
- If you connected an A/V system that does not support ARC to the HDMI2 (ARC) port, the image may be distorted.

Solutions When the Image is Fuzzy or Blurry

If the projected image is fuzzy or blurry, try the following solutions:
- Adjust the image focus.
- Clean the projector lens.
- Position the projector close enough to the screen, and directly in front of it.
- Position the projector so the keystone adjustment angle is not so wide that it distorts the image.
- Adjust the Sharpness setting to improve image quality.
- If you are projecting from a computer, adjust the computer's resolution to match the projector's native resolution, if possible.
- Make sure you removed the lens cap.
- Avoid using the projector near wireless networks, microwave ovens, 2.4 GHz cordless phones, or other devices that use the 2.4 GHz frequency band. These devices can interfere with the signal between the projector and the 3D glasses.
- If the other solutions do not solve the problem, change the Inverse 3D Glasses setting on the Signal menu. Return the setting to its original value if changing it does not solve the problem as it can adversely affect the 3D image.

Solutions to Sound Problems

If there is no sound when you expect it or the volume is too low or high, try the following solutions:

Press the ⊠**A/V mute** button on the projector remote control to resume video and audio if they were temporarily stopped.

• Make sure the Audio Out Device settings are correct.

• Check your computer or video source to make sure the volume is turned up and the audio output is set for the correct source.

• Check the cable connection between the projector and your video source.

• Try disconnecting and reconnecting the audio cable.

• Check the audio out cable connection between the projector and your external speakers.

• If you do not hear sound from an HDMI source, set the connected device to PCM output.

• Make sure any connected audio cables are labeled "No Resistance."

• If you are using an ARC-compatible A/V system, make sure it is connected to the projector's ARC- compatible HDMI port and set the HDMI Link and Audio Out Device settings accordingly.

• If you are using a Mac and you do not hear sound from an HDMI source, make sure your Mac supports audio through the HDMI port. If not, you need to connect an audio cable directly to your speaker system.

• If you hear a hissing sound from your projector's speakers when projecting from a computer running Windows 10 over a network, you may need to adjust the Windows 10 sound properties:

1. Right-click the speaker icon in the Windows taskbar and select Sounds.

2. Click the Playback tab, select the playback device, and click Properties.

3. Click the Advanced tab, set the sample rate and bit depth setting to 16 bit, 44100 Hz (CD Quality), click Apply, and click OK.

Note: These steps may vary depending on the Windows 10 version you are using.

• If you turn the projector on immediately after turning it off, the cooling fans may run at high speed momentarily and cause an unexpected noise. This is normal.

Solving Projector or Remote Control Operation Problems

Check the solutions in these sections if you have problems operating the projector or remote control.

Solutions to Projector Power or Shut-Off Problems

If the projector does not come on when you press the power button or it shuts off unexpectedly, try the following solutions:

•Make sure the power cord is securely connected to the projector and to a working electrical outlet.

•The projector's buttons may be locked for security. Unlock the buttons or use the remote control to turn on the projector.

•Turn off the HDMI Link setting. If this resolves the issue, check the settings on connected devices and make sure the projector is not receiving shut down requests over CEC.

•If the projector's laser shuts off, the Status light is flashing, and the Temp light is on, the projector has overheated and shut off. Check the solutions for this light status.

•If the power button on the remote control does not turn on the projector, check its batteries.

•Make sure Sleep Mode is not in effect.

•The power cord may be defective. Try another power cord. If that doesn't work, disconnect the cord and contact MaxAngel M1.

Disconnect the projector from the network to see if there is a network setting that needs to be changed.

Solutions to Remote Control Problems

If the projector does not respond to remote control commands, try the following solutions:

•Check that the remote control batteries are installed correctly and have power. If necessary, replace the batteries.

•Make sure you are operating the remote control within the reception angle and range of the projector.

•Make sure the projector is not warming up or shutting down.

•Check to see if a button on the remote control is stuck down, causing it to enter sleep mode. Release the button to wake the remote control up.

•Make sure the projector remote control is paired to the streaming device to operate Android TV features (if applicable).

•Make sure you are using the projector remote control and not the remote control for Android TV.

•Strong fluorescent lighting, direct sunlight, or infrared device signals may be interfering with the projector's remote receivers. Dim the lights or move the projector away from the sun or interfering equipment. If you lose the remote control, you can purchase another from an authorized MaxAngel M1 reseller.

Technical Specifications

General Projector Specifications

Type of display	Laser
Resolution	3840*2160 Pixels (4K)
Lens	F=2.0
Color reproduction	Full color, up to 10.7 billion colors
Brightness	**Normal Light Source mode:** White light output 2500 lumens (ISO 21118 standard) Color light output 2500 lumens **ECO Light Source mode:** White light output 1900 lumens (ISO 21118 standard) **Note:** Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. white light output measured in accordance with ISO 21118.
Type of display (in native aspect ratio)	80 inchs - 150inchs
Projection distance (in native aspect ratio)	0.21inch（7cm） to 16.14inch（41cm）
Projection methods	Front
Optical aspect ratio (width-to-height)	16:9
Focus adjustment	Manual
Internal sound system	Stereo, 12 W × 2
Noise level	36 dB (Normal Light Source mode) 23 dB (ECO Light Source mode)
Throw Ratio	0.21
Output Port	HDMI*3 USB*2 LAN*1 Audio*1

Important Safety Information

Caution: Never look into the projector lens when the laser is turned on; the bright light can damage your eyes. Never let children look into the lens when it is on. Never open any cover on the projector, except the filter covers. Dangerous electrical voltages inside the projector can severely injure you.
Except as specifically explained in this User's Guide, do not attempt to service this product yourself.
Refer all servicing to qualified service personnel.

Warning: The projector and its accessories come packaged in plastic bags. Keep plastic bags away from small children to avoid any risk of suffocation.

Laser Safety Information

This projector is a Class 2 laser product that complies with the IEC/EN60825-1:2007 international standard for lasers. Follow these safety instructions when using the projector.

Warning: Possibly hazardous optical radiation emitted from this product.
Do not look at operating light source. Eye injury may result.

- If an error occurs in the projector, turn off the power and unplug the projector immediately. Continuing to use the projector could result in an electric shock, fire, or visual impairment. Contact MaxAngel M1 support.
- Do not attempt to disassemble or modify the projector. The projector contains a high-power laser component. Serious injury could result.
- Do not look into the lens during projection. Also, do not look into the lens using optical devices, such as a magnifying glass or telescope. This could cause visual impairment.
- When turning on the projector at a distance using the remote control, make sure no one is looking into the lens.
- Do not allow small children to operate the projector. Children must be accompanied by an adult.
- Do not apply optical devices, such as a magnifying glass or reflector, to the projected image. Using the projector may result in physical harm, fire, or an accident.
- Do not block the light from the lens during projection. The high temperature in this area could cause burns, fire, or other damage. The lens may overheat due to the reflected light and could cause the projector to malfunction.
- Before using the projector, make sure there is nothing in the area that could reflect the projected image.
- When disposing of the projector, do not disassemble it. Dispose of the projector in accordance with your local or national laws and regulations

Important Safety Instructions

Follow these safety instructions when setting up and using the projector:
- Do not look into the lens when the projector is on. The bright light can damage your eyes. Avoid standing in front of the projector so the bright light does not shine into your eyes.
- Do not mount the projector on a ceiling or wall.
- Do not install or place the projector vertically. Doing so may cause a malfunction.
- Do not place the projector on an unstable cart, stand, or table or on a surface that is unable to support its weight. Otherwise, it could fall or topple causing an accident and injury.
- When installing the projector in a high position, take measures to prevent it from falling by using wires to ensure safety in an emergency, such as an earthquake, and to prevent accidents. If the projector is not installed correctly, the projector could fall. This may result in injury or accidents. Contact your dealer to carry out the installation work.
- Do not install the projector in locations exposed to high humidity and dust, such as on a kitchen counter, in the kitchen, or near a humidifier, or in locations exposed to oil smoke or steam. Doing so could cause fire or electric shock.
- Do not use the projector near water, sources of heat, high-voltage electrical wires, or sources of magnetic fields.
- Use the type of power source indicated on the projector. Use of a different power source may result in fire or electric shock. If you are not sure of the power available, consult your dealer or power company.
- Place the projector near a wall outlet where the plug can be easily unplugged.
- Take the following precautions when handling the plug: Do not hold the plug with wet hands. Do not insert the plug into a dusty outlet. Insert the plug firmly into the outlet. Do not pull the power cord when disconnecting the plug; always be sure to hold the plug when disconnecting it. Do not overload wall outlets, extension cords, or power strips. Failure to comply with these precautions could result in fire or electric shock.
- Do not place the projector where the cord can be walked on. This may result in fraying or damage to the plug.
- Unplug the projector from the wall outlet and allow to cool before cleaning. Use a dry cloth (or, for stubborn dirt or stains, a moist cloth that has been wrung dry) for cleaning. Do not use liquid or aerosol cleaners, any sprays containing flammable gas, or solvents such as alcohol, paint thinner, or benzine.
- Do not block the slots and openings in the projector case. They provide ventilation and prevent the projector from overheating. If the vents are covered, the internal temperature could rise and cause a fire. Do not place the projector in locations subject to high temperatures, such as near heating equipment. Do not operate the projector on a sofa, rug, or other soft surface, or set it on top of loose papers. Do not cover the projector with a blanket, curtain, or tablecloth. If you are setting up the projector near a wall, leave at least 7.9 inches (20 cm) of space between the wall and the projector.
- Do not operate the projector in a closed-in cabinet unless proper ventilation is provided.
- Never allow objects of any kind to enter any openings in the projector. Do not leave objects, especially flammable objects, near the projector. Never spill liquid of any kind into the projector.
- You may need to clean the air filter and vent. A clogged air filter or vent can block ventilation needed to cool the projector. Do not use canned air, or the gases may leave a residue.
- Do not store the projector outdoors for an extended length of time.
- Except as specifically explained in this manual, do not attempt to service this product yourself. Refer all servicing to qualified personnel. Opening or removing covers may expose you to dangerous voltages and other hazards.

•Never open any covers on the projector except as specifically explained in this manual. Never attempt to disassemble or modify the projector. Refer all repairs to qualified service personnel.

•Unplug the projector from the wall outlet and refer servicing to qualified service personnel under the following conditions: if it does not operate normally when you follow the operating instructions, or exhibits a distinct change in performance; if smoke, strange odors, or strange noises come from the projector; if the power cord or plug is damaged or frayed; if liquid or foreign objects get inside the projector, or if it has been exposed to rain or water; if it has been dropped or the housing has been damaged.

•Do not touch the plug during an electrical storm. Otherwise, you may receive an electric shock.

•Unplug the projector when it will not be used for extended periods.

•Do not use the projector where it may be exposed to rain, water, or excessive humidity.

•Do not install the projector in locations where it may be subject to salt damage. Doing so may result in malfunction and the corrosion may cause the projector to fall.

•Do not use or store the projector where it may be exposed to smoke, steam, corrosive gases, excessive dust, vibration, or shock.

•Do not use the projector where flammable or explosive gases may be present.

•Do not use or store the projector or remote control in a hot location, such as near a heater, in direct sunlight, or in a closed vehicle.

•If you use the projector in a country other than where you purchased it, use the correct power cord for that country.

•Do not stand on the projector or place heavy objects on it.

•Do not use the projector outside of the required temperature range below:
41 to 95 °F (5 to 35 °C) at an altitude of 7500 feet (2286 m) or less, or 41 to 86 °F (5 to 30 °C) at an altitude of 7500 feet (2286 m) to 10000 feet (3048 m)
Doing so may cause an unstable display and could lead to projector damage. Do not use or store the projector where it may be exposed to sudden changes in temperature.

•Do not store the projector outside of the required temperature range of 14 to 140 °F (–10 to 60 °C) or in direct sunlight for long periods of time. Doing so may cause damage to the case.

•Do not place anything that can become warped or damaged by heat near the exhaust vents. Do not bring your hands or face close to the vents while projection is in progress. Do not bring your face close to the projector while it is in use.

•Before you move the projector, make sure its power is turned off, the plug is disconnected from the outlet, and all cables are disconnected.

•Do not place the source of an open flame, such as a lit candle, on or near the projector.

•Do not modify the power cord. Do not place heavy objects on top of the power cord or bend, twist, or pull it excessively. Keep the power cord away from hot electrical appliances.

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