

TITAN Noir

TITAN Noir Pro

TITAN Noir Max

User Guide

We Sincerely Thank You for Purchasing XGIMI's Products

Please carefully read the product specifications as well as the operating precautions before using this product.

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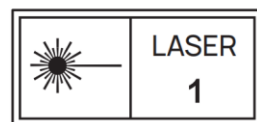
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Important Safety Instructions

Warnings

- This device must be grounded when in use. Do not remove the grounding prong of the power plug. This device is equipped with a three-prong grounding-type power plug. This plug will only fit into a grounding-type power outlet. This is a security feature. If you are unable to insert the plug into the outlet, contact an electrician. Do not defeat the safety purpose of the grounding plug.
- To avoid a fire or electric shock, do not expose this device to rain or moisture.
- If this device is not used for an extended period, be sure to remove the power plug from the power outlet.
- To avoid the risk of electric shock, do not open the outer cover. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- For pluggable connection devices, the outlet should be installed near the device and should be easily accessible for plugging and unplugging.
- To ensure continued compliance, follow the supplied installation instructions. This includes using the correct power cord and interface cable when connecting to a PC or peripheral device. In addition, unauthorized alteration or modification of this device may void the user's right to operate the device.
- When the projector is in use, the lens temperature is high. Do not place any objects in front of the lens; otherwise, it may cause the lens components or the obstructing objects to burn.
- Do not look directly into the light from the lens when the projector is in use.
- Only use attachments/accessories specified or provided by the manufacturer.
- Caution: possibly hazardous optical radiation is emitted from this product. Do not stare into the operating light source. (Classified per IEC 62471.)



IEC 60825-1:2014

CONSUMER LASER PRODUCT
EN 50689:2021

Power Supply

A wall power outlet or circuit breaker should be installed near the device to ensure easy unplugging in the event of issues. In any of the following cases, cut off the power immediately. Continued use of the projector may result in fire, electric shock, or visual impairment.

- If a foreign object or water enters the projector, cut off the power.
- If the projector falls or its housing is damaged, cut off the power.
- If the projector emits smoke, an unusual odor, or abnormal noise, cut off the power. Contact the designated repair center for repair. Do not attempt to repair the projector yourself.

In case of a thunderstorm, do not touch the projector and cables. Otherwise, an electric shock may occur.

Do not damage the power cord or power plug. Using a damaged power cord may cause electric shock, short circuit, or fire accidents.

- Do not damage, alter, excessively bend, twist, pull, or wind the power cord, place the power cord near a hot object, or place a heavy object on the power cord.
- If necessary, entrust the designated service center to repair the power cord.

Do not use any power cord other than the one provided with the projector. Otherwise, an electric shock or a fire may occur. Failure to use the specified power cord for grounding the projector via the power outlet may result in electric shock.

Firmly insert the power plug into the wall outlet and ensure that the power cord connector is firmly plugged into the projector's power inlet. If the power plug is inserted incorrectly, it may cause an electric shock or overheating.

- Do not use a broken power plug or a loose wall outlet.

Never touch the power plug or the power cord connector with wet hands. Otherwise, it may cause an electric shock.

Do not overload the wall outlet. If the outlet is overloaded (for example, too many power converters are plugged in), it may cause excessive temperature and even a fire.

Clean the power plug regularly to prevent dust from covering the plug. Otherwise, a fire may result.

- If dust has accumulated on the power plug, the moisture in the dust may affect the insulation effect.
- Disconnect the power plug from the wall outlet if the projector is not used for an extended period.
- Periodically disconnect the power plug from the wall outlet and wipe it with a dry cloth.
- Always hold the power plug and power cord connector while disconnecting the power cord. Pulling the power cord may damage it, resulting in a fire, short circuit, or serious electric shock.

Use/Installation

Do not install the projector in a place that is humid, dusty, or exposed to oil fumes and steam.

- Using the projector under such conditions may result in a fire, electric shock, or deterioration of components.
- Oil stains caused by oil fumes may also cause plastic deformation, and the projector may fall, for example, during ceiling mounting.

Do not place the projector in a location where the temperature is too high. Failure to do so may result in deterioration of the housing or internal components or cause a fire.

- Exercise caution when using the projector in locations such as those exposed to direct sunlight or near heaters.

Do not install the projector in a location where salt contamination or corrosive gases may occur. Otherwise, the projector may fall due to corrosion. In addition, corrosion can cause a projector failure.

Do not place the projector on a soft object such as a carpet or sponge pad. Otherwise, the projector body may be overheated, which may cause burning, a fire, or projector damage.

Do not install the projector in a location that cannot support the weight of the projector or on a tilted or unstable surface. Otherwise, the projector may fall or tip over, resulting in personal injury or device damage.

Do not install the projector in walkways. People may hit the projector or trip over the power cord, which may result in a fire, electric shock, or injury.

Do not cover the air inlet/outlet or place objects within 500 mm of the air inlet/outlet. Otherwise, the temperature of the projector may be too high, which may cause a fire or damage the projector.

- Do not place the projector in a narrow, poorly ventilated area.
- Do not place the projector on materials such as a tablecloth or paper that may be easily sucked into the air inlet.

Do not place any heavy objects on top of the projector. Failure to do so may cause the projector to become unstable or fall, resulting in personal injury or device damage. The projector may be damaged or deformed.

Do not sit on the projector. Otherwise, the projector may fall or be damaged, resulting in personal injury.

During the use of the projector, do not look directly into the light emitted by the lens or expose your skin or clothing to such light. Do not use an optical device (such as a magnifying glass or reflector) in the projection beam. Failure to do so may cause burns or visual impairment.

- Take special care to prevent children from looking directly into the lens. Also, when you are away from the projector, turn off the projector and disconnect the power.
- When using the projector, do not place objects in front of the lens. Doing so may damage objects and cause the projector to malfunction.

Be sure to disconnect all cables from the projector before moving it. Moving the projector without unplugging cables may damage the cables and cause a fire or electric shock.

Never modify or disassemble the projector. Otherwise, high voltage may cause accidents such as a fire or electric shock.

All inspection, commissioning, and maintenance work should be entrusted to a designated maintenance center.

Prevent metal objects, flammable objects, or liquids from entering the projector. Do not wet the projector. Otherwise, it may cause short circuit or high temperature, resulting in a fire, electric shock, and other accidents or a projector failure.

- Do not place liquid containers or metal objects near the projector.
- If liquid enters the projector, consult a professional.
- Pay special attention to children.

Use the ceiling mount bracket specified by XGIMI. Using a ceiling mount bracket other than the specified one may cause the projector to fall.

- When mounting the projector on the ceiling, ensure that the mounting screws and power cord do not contact any metal parts inside the ceiling. Contact with metal parts inside the ceiling can cause an electric shock.

Only qualified technicians can perform the installation (for example, mounting the projector on the ceiling). Otherwise, it may cause personal injury or electric shock.

The bottom of this projector serves as the primary heat dissipation vent. When placing it on a flat surface, ensure the included stand is properly installed; removing the stand may cause the device to overheat and result in damage.

Accessories

Use or dispose of batteries properly and refer to the instructions below.

Failure to do so may cause burns, battery leakage, high temperature, explosion, or a fire.

- Use specified batteries.
- Do not charge dry batteries.
- Do not disassemble dry batteries.
- Do not heat batteries or immerse them in water or throw them into fire.
- Do not connect the positive and negative terminals of batteries to metal objects, such as necklaces or hairpins.
- Do not store or carry the batteries with metal objects.
- Store the batteries in a plastic bag and away from metal objects.
- When installing the batteries, ensure that the positive and negative terminals are connected correctly.
- Do not mix new and old batteries or different types of batteries.
- Do not use a battery with peeled wrapping.

If a battery leaks, do not touch the battery fluid directly with hands but take the following measures as required.

- Once the skin or clothing comes into contact with the battery fluid, it may cause skin redness or injury. Rinse immediately with clean water and seek help from a doctor.
- If the battery fluid gets into eyes, it can cause blindness. In this case, do not rub eyes, rinse immediately with clean water, and seek help from a doctor.

Keep batteries out of the reach of children. Accidentally swallowing an accessory can cause physical injury. If swallowed, seek immediate medical attention.

Take out used batteries from the Remote Control in time. If used batteries are left in the Remote Control, it may cause battery leakage, abnormal internal temperature rise, or even explosion.

01 Preparations

This section explains what needs to be known or checked before the use of the projector.

- Usage Precautions
- About the Projector
- Preparing the Projector

Usage Precautions

Intended Use

The projector is used to project video signals from a video device or PC onto a screen or other surfaces to display static or dynamic images.

Handling Precautions

- Hold the bottom of the projector when handling it. Otherwise, the projector may fall, resulting in projector damage or deformation or personal injury.
- Ensure that excessive vibration or shock is not caused when the projector is moved. Failure to do so may damage the internal components and cause a malfunction.

Installation Precautions

Do not set up the projector outdoors. This device is specifically designed for indoor use.

Do not install the projector in the following locations.

- Places where vibration and impact can occur, such as in a sedan or other vehicles: The projector's internal components may be damaged, or a failure may be caused.
- Near the sea or where corrosive gases may be generated: The projector may fall due to corrosion. In addition, it may shorten the life of components and cause failure.
- Near air conditioning outlets: Depending on usage conditions, in rare cases, the screen may fluctuate due to hot air from the exhaust vents or cold/hot air from air conditioning outlets. Ensure that the air from the projector, other devices, or air conditioning outlets does not blow directly into the front of the projector.
- Places with sharp temperature changes, such as near the light source (studio lamps): This can shorten the life of the light source or cause the projector to deform due to heat, resulting in failure. Observe the ambient temperature requirements for projector operation.
- Near high voltage power lines or near motors: This may interfere with the projector operation.
- Places where there is a high-power laser device: Aiming a laser beam at the projection lens surface can damage the DLP chip.

Have a qualified technician perform the installation, for example, installing the projector on the ceiling. When installing the projector on the ceiling or at a high place, arrange for a professional technician to complete the installation to ensure the performance and safety of the projector.

Do not use the projector at an ambient temperature exceeding 40°C (104°F). Using the projector at a high altitude or at a high ambient temperature may shorten the life of its components or cause a failure.

Security

When using this product, take security measures for the following events.

- Disclosure of personal information when using this product
- Unauthorized operation on the product by a malicious third party
- Malicious third-party interference or blocking

Take adequate security measures (such as broadcast control function and web backend management function).

- It is recommended to set strong passwords.
- Change the passwords regularly.
- XGIMI or its affiliates will never ask you for password directly. Do not disclose your password when you receive such an inquiry.
- Network connections must be protected by a firewall or other software.

Storage

If you need to store the projector, keep it in a dry room.

Usage Precautions

Obtaining good image quality

After creating a suitable environment, you will be able to see a high-quality image with enhanced contrast. Therefore, pull down the curtains or blinds to cover the windows and turn off all lighting near the screen to prevent outdoor light or indoor light from shining directly onto the screen.

Do not touch the surface of the projection lens with your hands directly.

If the projection lens is smudged by fingerprints or other dirt, the smudge will be magnified and projected onto the screen.

DLP chip

A high-power laser beam hitting the projection lens surface can damage the DLP chip.

Do not move the projector and do not subject it to vibration or impact while it is operating. Otherwise, the life of the built-in motor may be shortened.

Light source

The light source of the projector uses a laser diode and has the following characteristics.

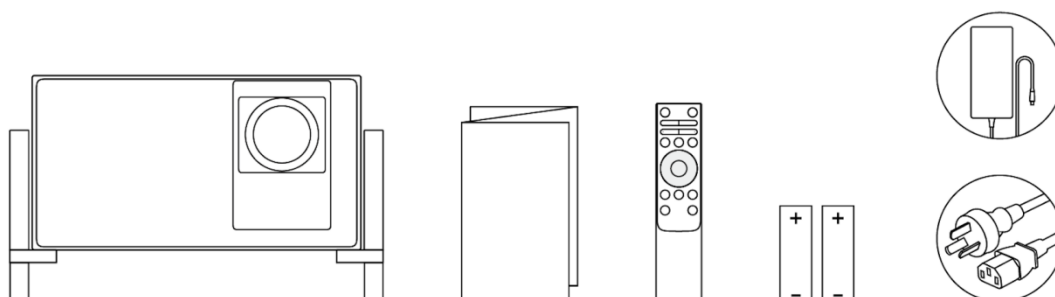
- Depending on the temperature of the operating environment, the brightness of the light source will degrade. Higher temperatures cause faster brightness degradation of the light source.
- The brightness of the light source degrades over time. If the brightness decreases significantly and the light source cannot be turned on, please consult the dealer.

Connection to a PC or external device

When connecting to a PC or an external device, carefully read information about the use of the power cord and shielded cable in this manual.

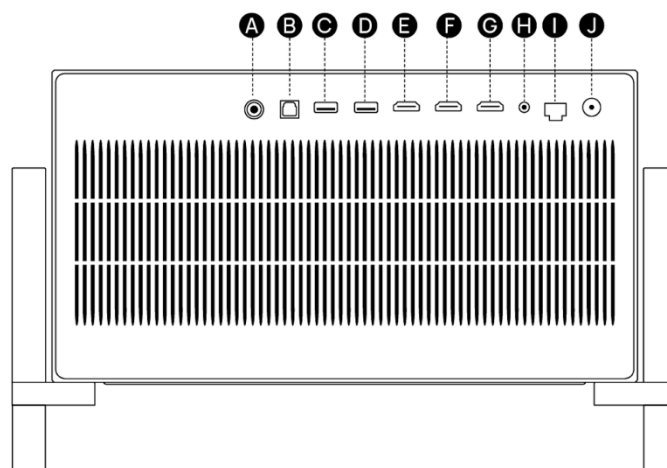
About the Projector

Packaging List



Rear View

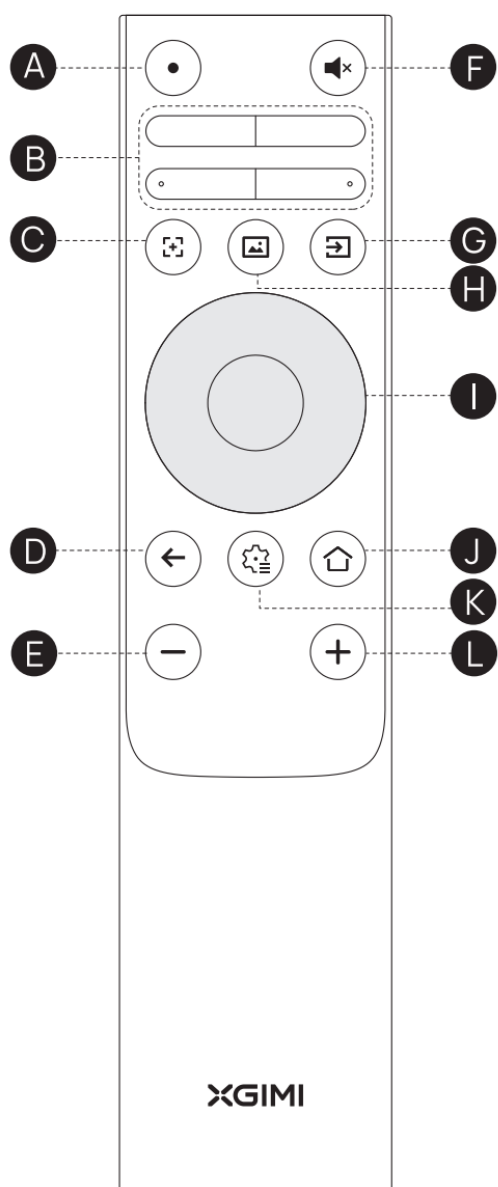
- | | |
|-----------------------|-----------------|
| A DC IN | F HDMI 2 |
| B OPTICAL | G HDMI 3 |
| C USB 2.0* | H AUDIO |
| D USB 3.0* | I LAN |
| E HDMI 1/ eARC | J POWER |



Adapter and Power Cord

The projector is supplied with a power adapter and power cord that meet local standards. Please use only the adapter and power cord assembly provided with the product. Please connect the product to an outlet with a protective grounding connection.

Remote Control



- | | |
|----------------------|-----------------------|
| A Power | G Source |
| B Shortcut | H Picture Mode |
| C Focus | I D-Pad |
| D Back Button | J Home |
| E Volume- | K Setting |
| F Mute | L Volume+ |

02 Before You Start

This section describes the preparations required before the use of the projector, such as settings and connections.

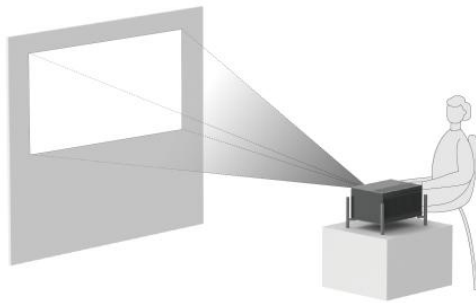
- Settings
- Connect

Settings

Installation Method

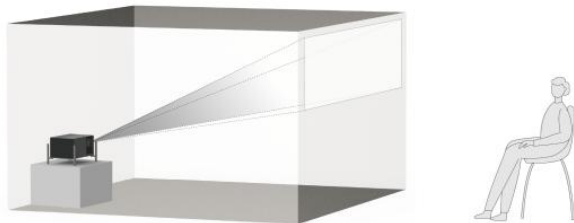
The projector can be installed using the following methods. Based on the installation method, go to [Settings] > [Image Correction] > [Projector Type], and set [Auto/Front/Ceiling] [Rear on/off].

Tabletop/Floor installation and front projection



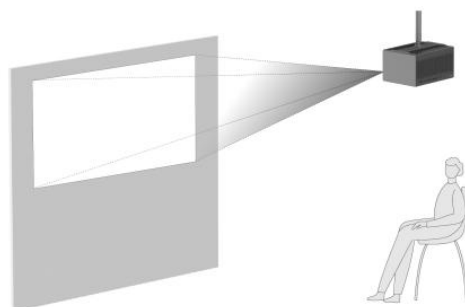
Settings	Option
Rear	Off
Auto/ Front/ Ceiling	Auto or Front

Tabletop/Floor installation and rear projection (using a translucent screen)



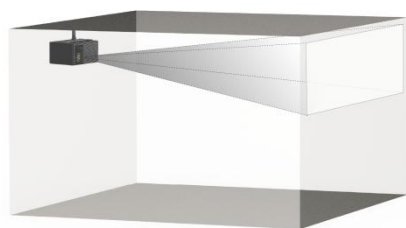
Settings	Option
Rear	On
Auto/ Front/ Ceiling	Auto or Front

Ceiling mount and front projection



Settings	Option
Rear	Off
Auto/ Front/ Ceiling	Auto or Ceiling

Tabletop/Floor installation and rear projection (using a translucent screen)



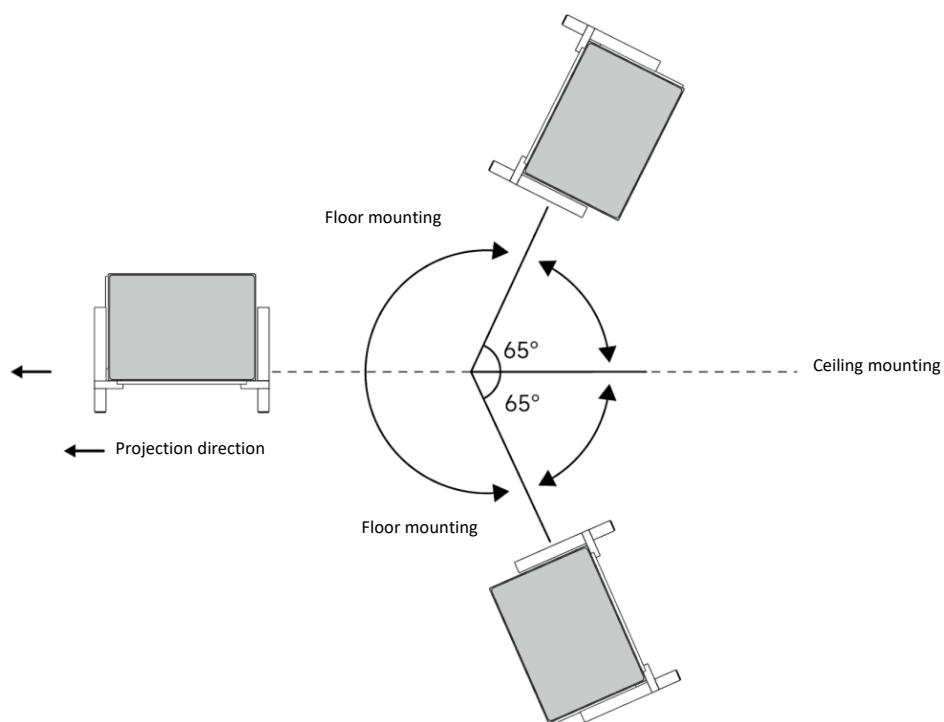
Settings	Option
Rear	On
Auto/ Front/ Ceiling	Auto or Ceiling

Angle Sensor

As shown in the figure, the built-in angle sensor of the projector detects the installation orientation within the following range.

Front Installation: $\pm 115^\circ$ range starting from 0° when the unit is placed horizontally upright;

Ceiling mounting: $\pm 65^\circ$ range starting from 0° when the unit is placed horizontally upside down.



Projection Image and Projection Distance

Install the projector based on the projection image size and projection distance. The image size and image position can be adjusted based on the screen size and screen position.

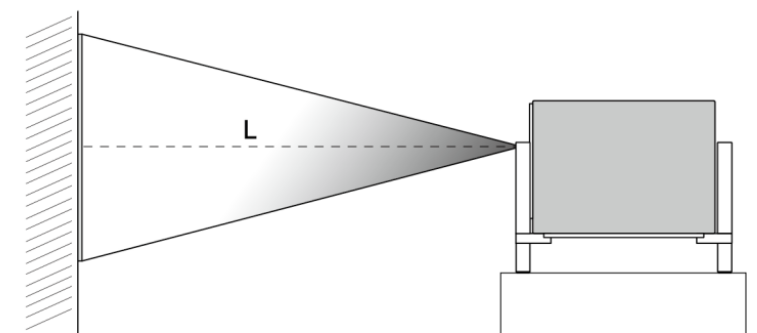
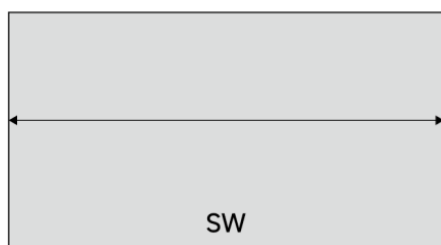
Notes

- Read through "Usage Precautions" before setting.
- When installing the projector, keep its back parallel to the screen so that the projected image is rectangular.
- Do not use the projector and a high-power laser device in the same room. If the laser beam hits the projection lens surface, the DLP chip may be damaged.

Illustration of Projection Image and Projection Distance

Position the projector so that its light outlet is perpendicular to the projection wall to generate a standard projected image. The relationship between the projection distance and the zoom can be expressed by the following formula:

Projection Ratio = Projection Center Distance (L) / Image Width (SW)



16:9			Projection Distance	
Display size (inch)	Width(mm)	Height(mm)	Shortest(mm)	Longest(mm)
80	1771	996	1736	3542
90	1992	1121	1952	3984
100	2214	1245	2170	4428
110	2435	1370	2386	4870
120	2657	1494	2604	5314
130	2878	1619	2820	5756
140	3099	1743	3037	6198
150	3321	1868	3255	6642
200	4428	2491	4339	8856

Note: The projection distances corresponding to different screen sizes are estimated values and are for reference only. For better image quality, it is recommended to project within the middle of the range and avoid projecting near the extreme limits.

Tip: The image illustrates that the projection image size and position are aligned and perfectly match the entire screen; note that the projection distance L is the distance from the lens to the screen, not from the device's placement position to the screen.

Connecting External Devices

Before Connection

- Carefully read the user manual of the external device to be connected before connection.
- Turn off the power to all devices before connecting cables.
- Keep the following points in mind before connecting cables; otherwise, it may cause a malfunction.
 - Before connecting a cable to the projector or the device connected to the projector, touch any metal objects nearby to eliminate the static electricity from your body.
 - Unless necessary, do not use long cables to connect devices to the projector. Longer cables or tightly coiled cables are more susceptible to interference.
- If no cable is provided with the device or available as an option, obtain any necessary cables for connecting external devices to the system.
- If the synchronization signal from the PC or video device is interrupted due to video output setting changes or other causes, the color of the projected image may be temporarily lost.
- The projector can receive HDMI digital signals.
- Some PC models or graphics cards are incompatible with the projector.
- For details about the types of video signals supported by the projector, see the following table.

Supported Video Formats			
Video Encoding	Resolution @ Frame Rate	Max Bit Rate	Container
VP9	4096x2304@60fps 1920x1080@120fps	100Mbps	.mkv.webm
HEVC/H.265	4096x2304@60fps 1920x1080@120fps	100Mbps	.mp4.mov .3gpp.3gp .ts.trp.tp .mkv .flv .avi
MPEG1/2	MPEG1: 720x576@30fps MPEG2: 4096x2304@30fps 1920x1080@120fps	60Mbps	.DAT.VOB.MPG.MPEG .ts.trp.tp .mp4.mov .3gpp.3gp .avi .mkv .asf .wmv .ogm
MPEG4	1920x1080@60fps	60Mbps	.mp4.mov .3gpp.3gp .avi .mkv .asf .wmv .flv .ogm .ts.trp.tp .DAT.VOB.MPG.MPEG

Sorenson H.263	1920x1080@60fps	60Mbps	.flv .avi
H.263	1920x1080@60fps	60Mbps	.flv .mp4.mov .3gpp.3gp .avi .asf .wmv
AVC/H.264	4096x2304@60fps 1920x1080@120fps	135Mbps	.flv .mp4.mov .3gpp.3gp .ts.trp.tp .asf .wmv .avi .mkv .ogm .DAT.VOB.MPG.MPEG .264
AVS	1920x1080@60fps	60Mbps	.ts.trp.tp
AVS+	1920x1080@60fps	60Mbps	.ts.trp.tp
AVS2	4096x2304@60fps 1920x1080@120fps	100Mbps	.ts.trp.tp
AVS3	4096x2304@60fps 1920x1080@120fps	100Mbps	.ts.trp.tp
WMV3	1920x1080@60fps	60Mbps	.asf .avi .mkv .wmv .3gpp.3gp .mp4.mov .ogm
VC1	1920x1080@60fps	60Mbps	.ts.trp.tp .asf .wmv .avi .mkv .3gpp.3gp .mp4.mov
Motion JPEG	1920x1080@60fps	80Mbps	.avi .3gpp.3gp .mp4.mov .mkv .flv .ogm .asf .wmv

VP8	1920x1080@60fps	40Mbps	.mkv .webm .flv .3gpp.3gp .mp4 .mov .avi .ogm
RV30/RV40	1920x1080@60fps	60Mbps	.rm.rmvb .mkv
AV1	4096x2304@60fps 1920x1080@120fps	100Mbps	.mp4.mov .3gpp.3gp .mkv .webm
VVC/H.266	4096x2304@60fps 1920x1080@120fps	100Mbps	.mp4.mov .3gpp.3gp .ts.trp.tp

- For details about the types of audio signals supported by the projector, see the following table.

Supported Audio Formats			
Audio Encoding	Channels	Max Bit Rate	Container
MPEG1/2 Layer1	Up to 2	32Kbps ~ 448Kbps	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp .mkv .flv .avi .DAT, .VOB, .MPG, .MPEG .asf .wmv .ogm .mp3 .wav
MPEG1/2 Layer2	Up to 2	8Kbps ~ 384Kbps	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp .mkv .flv .avi .DAT, .VOB, .MPG, .MPEG .asf .wmv .ogm .mp3 .wav
MPEG1/2/2.5 Layer3	Up to 2	8Kbps ~ 320Kbps	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp

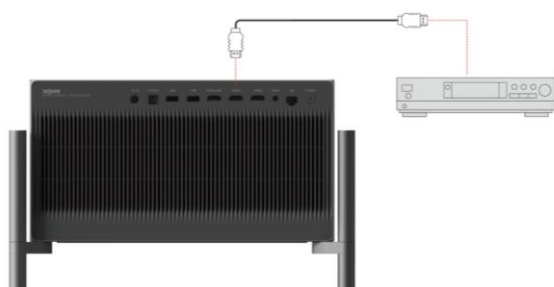
			.mkv .flv .avi .DAT, .VOB, .MPG, .MPEG .asf .wmv .ogm .mp3 .wav
AC3(DD)	Up to 5.1	32Kbps ~ 640Kbps	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp .mkv .avi .DAT, .VOB, .MPG, .MPEG .asf .wmv .ogm .ac3
EAC3(DDP)	Up to 5.1	32Kbps ~ 6Mbps	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp .mkv .avi .DAT, .VOB, .MPG, .MPEG .asf .wmv .ogm .ec3
AAC-LC, HEAAC	Up to 5.1	AAC-LC: 12Kbps~ 576Kbps V1: 6Kbps ~ 288Kbps V2: 3Kbps ~ 144Kbps	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp .mkv .flv .avi .DAT, .VOB, .MPG, .MPEG .asf .wmv .ogm .wav .aac .rm, .rmvb
WMA	Up to 2	128Kbps ~ 320Kbps	.mkv .avi .asf .wmv
WMA 10 Pro M0	Up to 2	< 192Kbps	.avi .asf .wmv

WMA 10 Pro M1	Up to 5.1	< 384Kbps	.avi .asf .wmv
WMA 10 Pro M2	Up to 5.1	< 768Kbps	.avi .asf .wmv
VORBIS	Up to 2		.mp4, .mov .3gpp, .3gp .mkv .avi .asf .wmv .ogg .webm
DTS Core	Up to 5.1	<1.5Mbps (Pure DTS core)	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp .mkv .avi .DAT, .VOB, .MPG, .MPEG .ogm .wav .dts
DTS LBR	Up to 5.1	Up to 2Mbps (Pure DTS LBR)	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp
DTS XLL	Up to 6	Up to 24.537Mbps	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp
LPCM	Mono, Stereo, 5.1	64Kbps ~ 1.5Mbps	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp .mkv .flv .avi .DAT, .VOB, .MPG, .MPEG .asf .wmv .ogm .wav
IMA-ADPCM MS-ADPCM	Up to 2	32Kbps ~ 384Kbps	.mkv .avi .ogm .wav
G711 A/mu-law	1	64Kbps	.mkv .flv .avi .wav

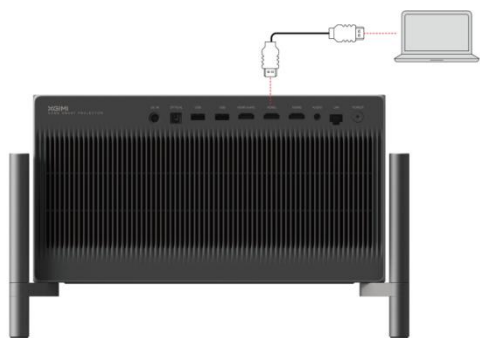
LBR (cook)	Up to 5.1	6Kbps ~ 128Kbps	.rm, .rmvb
FLAC	Up to 2	< 1.6Mbps	.mp4, .mov .3gpp, .3gp .mkv .flac
OPUS	Up to 6	6Kbps ~ 510Kbps	.mkv .ogg .webm
AC4	Up to 5.1 (MS12 v1.x) Up to 7.1 (MS12 v2.x)	Up to 1521Kbps per presentation	.mp4, .mov .3gpp, .3gp .ts, .trp, .tp .ac4
Fraunhofer MPEG-H TV Audio System	Up to 16 core channels Up to 5.1 channels output	~1.2 Mbps	.mp4, .mov .3gpp, .3gp
AMR-NB	1	4.75Kbps ~ 12.2Kbps	.mp4, .mov .3gpp, .3gp .mkv .avi .webm
AMR-WB	1	6.6Kbps ~ 23.85Kbps	.mp4, .mov .3gpp, .3gp .mkv .avi .webm
DRA	Up to 7.1	< 6Mbps	.ts, .trp, .tp

Device Connection

Connection Example: Connecting an AV device via HDMI



Connection Example: Connecting a computer via HDMI



HDMI Supports RGB、YUV、YCbCr formats.

Tips:

- When connecting an external device via HDMI, you need to switch the input source in [Settings] > [Signal Source].

Please use an HDMI High Speed cable that complies with the HDMI standard. When a video signal requiring a transmission speed higher than that of an HDMI High Speed cable is input, use an HDMI cable supporting high-speed 18 Gbps transmission, such as a Premium High Speed HDMI Cable. If a video signal exceeding the supported transmission speed of the HDMI cable is input, the image may be disrupted or fail to project.

03 Basic Operations

This section describes the basic operations.

- Powering On the Projector
- Initially Setting the Projector

Powering On the Projector

Connecting the Power Cord

Installing the Power Cord

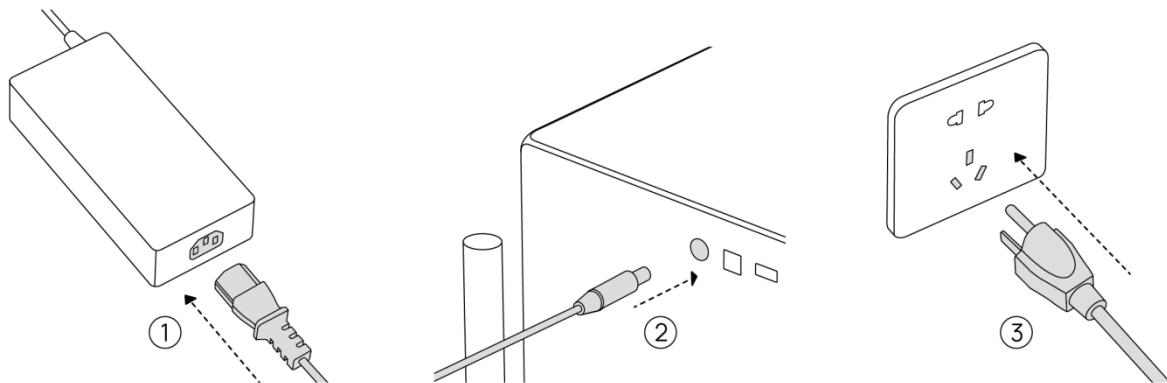
Connect the AC cord plug to the adapter, ensuring a stable connection.

Check the shapes of the projector's power interface and the power cord connector, and fully insert the power cord in the correct orientation.

Ensure the supplied power cord is firmly secured to the projector's power interface and cannot be easily removed.

Connect the AC cord plug to a power outlet to supply power to the projector.

For instructions on using the power cord, please refer to the "Important Safety Instructions - Power" section.



Power Indicator Light

Changes in the indicator light status during normal operation:

Power Connected: The light stays on solidly when power is connected, and turns off after the system boots and enters standby.

Power On into Projection Mode: The light stays on solidly until the home screen/startup wizard appears, then turns off.

USB Firmware Upgrade while Powered Off: Long press the power button on the device for 6 seconds; the light will flash rapidly for 2 seconds and then turn solid. After the firmware upgrade is complete, the startup process begins with the light staying solid, and then the light turns off once the home screen is displayed.

Projection Mode > Shutdown: When the shutdown process begins, the light turns from off to solid on, and turns off when the fan stops spinning.

Initially Setting the Projector

When a projector is started for the first time, the startup wizard is displayed.

Additionally, performing [Settings] -> [General] -> [Factory Reset] will also trigger the startup wizard.

Manual Focus

Adjust the focus to clearly display the image content.

Select [Manual Focus]. After the focus chart pops up, press the left or right keys on the Remote Control to adjust the image clarity.

Select [Next] to continue with the initial setup.

Connect to Wi-Fi

Connect to a Wi-Fi network (some networks may require a password; or select [Manually Add Network] and enter the SSID and password).

After connecting to the network, the system desktop is displayed.

Powering Off the Projector

Powering Off the Projector

Press the Power button on the projector or Remote Control, and a [Shutdown Selection] confirmation screen will appear on the projector.

Press [D-Pad] to select the <Shutdown> option for the corresponding device state. (Alternatively, press the power standby button again.)

Image projection will stop, and the power indicator light on the projector body will illuminate white (the fan continues to run).

Wait a few seconds until the power indicator light on the projector body changes from white to off, indicating that the projector status has changed to standby and the shutdown operation is complete.

Hold the part of the power cord connected to the outlet and unplug it to completely power off the projector.

Tips

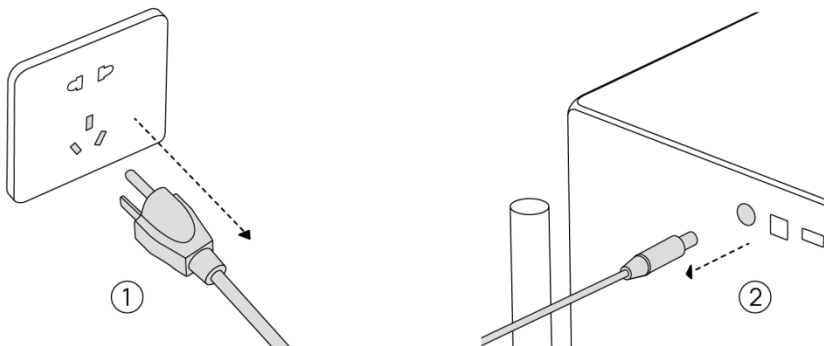
- The projector still consumes power even if it is in standby mode.

Unplugging the Power Cord

Removing the Power Cord

Pull the AC cord plug out of the outlet to ensure the projector is powered off.

Hold the power cord connector and pull it out from the projector's power interface.



04 Settings

This section provides detailed explanations of the settings options.

- Signal Source
- Image Correction
- Brightness & Display
- Network
- Bluetooth & Accessories
- Sound
- General

Signal Source

Settings	Option	Description
HDMI 1	-	Click to enter the HDMI 1 input source to display its content.
HDMI 1 Settings	Picture Mode	Adjusts the picture mode for HDMI 1, see details in [Brightness & Display] > [Picture Mode] .
	Game Enhanced Mode	Game Enhanced Mode, see details in [Brightness & Display] > [Game Enhanced Mode] .
	3D Settings	3D Settings, see details in [Brightness & Display] > [3D Settings] .
	HDMI Aspect Ratio	Image Aspect Ratio Adjustment <u>Auto (Default)</u> The system automatically selects the optimal aspect ratio based on the input signal's resolution and format to prevent stretching or compression artifacts. <u>4:3</u> Fixed 4:3 standard ratio, commonly used for older TV programs and retro games. <u>16:9</u> Fixed 16:9 widescreen ratio, ideal for modern HD television and most movie content. <u>Original Ratio</u> Displays the image at the source's native pixel aspect ratio without scaling; black bars may appear. If the aspect ratio of the input signal does not match the HDMI display aspect ratio setting, the image may appear stretched or compressed.
	Color Range	Selects a different color range to ensure accurate color reproduction with various input signals. <u>Auto (Default)</u> The system automatically selects the optimal color range (full or limited) based on the HDMI input signal type to ensure accurate color reproduction. <u>Full</u> Outputs a full color range signal (0–255), capable of displaying a wider range of colors and luminance levels. <u>Limit</u> Outputs a limited color range signal (16–235), with reduced black and white levels, conforming to broadcast video standards.

	HDMI Mode	Selects different HDMI modes to ensure proper display with various input signals. <u>Compatible Mode</u> Applies to input signals at or below 4K@30 Hz. Select this option if Enhanced Mode results in no signal or display anomalies. <u>Enhanced Mode</u> Applies to input signals above 4K@30 Hz, or when eARC audio output is required.
HDMI 2	-	Click to enter the HDMI 2 input source to display its content.
HDMI 2 Settings	Same as HDMI 1 Settings	Same as <u>HDMI 1 Settings</u>
HDMI 3	-	Click to enter the HDMI 3 input source to display its content.
HDMI 3 Settings	Same as HDMI 1 Settings	Same as HDMI 1 Settings
File Manager	-	Click to enter the File Manager to view files in the Internal storage or external storage devices.
CEC Control	On Off	Enable CEC Control. You can use the projector's Remote Control (for example, arrow buttons, OK, Back, and HOME) to control content on the connected HDMI source device. The connected HDMI source device will power on/off in sync with the projector. Tip: This feature must be enabled when using ARC/eARC.
HDMI Plug and Play	On Off	When enabled, the projector will automatically switch to the corresponding input source when a new signal source is connected.

File Manager

View files in the Internal storage or external storage devices.

Function	Operation Method	Instructions
Copying files	① Long press OK to select a file and then select [Copy File]. ② Go to the target folder, long press [Menu key] to open the menu, and then select [Paste].	Copies the selected file to the clipboard, allowing it to be pasted in another location. Note: If you exit the File Manager, you will need to copy the file again.
Pasting files	In the target folder: Long press [Menu key] to open the menu and then select [Paste].	Pastes the copied or cut files into the target location. Note: If you exit the File Manager, you will need to copy or cut the files again.
Cutting files	Long press the OK button to select a file and then select [Cut File].	Moves the selected file to the clipboard; it must be pasted to a new location.

		Note: If you exit the File Manager, you will need to cut the file again.
Deleting files	Long press the OK button to select a file and then select [Delete File].	Deleted files cannot be recovered.
Renaming a file	① Long press OK to select a file and then select [Rename]. ② Enter a new name and select [Done].	
Creating a new folder	In the target directory, long press [Menu key] to open the menu and then select [New Folder].	Create an empty folder, which can be renamed immediately.
Selecting all	Long press [Menu key] to open the menu and select [Select All].	Select all files and folders in the current directory.
Selecting multiple files	① Long press [Menu key] to open the menu and then select [Multi-select]. ② Press the OK button to select files.	

File Browsing and Management

Function	Operation Method	Instructions
Sorting	Long press [Menu key] and select [Sort By] (name/date modified)	Files will be reordered according to the selected criterion.
View Mode	Long press [Menu key] and select [Icons/List]	Switch between different display layouts as needed.
Searching files	Long press [Menu key] and select [Search Files]	Supports searching by filename or partial keywords.

File Classification Display

Function	Operation Method	Instructions
Videos	Common video formats (e.g., MP4, AVI, MKV)	Videos are centrally displayed under the "Video" category, with playback and preview supported.
Music	Common audio formats (e.g., MP3, WAV, FLAC)	Audio files are centrally displayed under the "Music" category for direct playback.
Images	Common image formats (e.g., JPG, PNG, GIF)	Images are centrally displayed under the "Image" category with thumbnail previews supported.

Image Correction

Settings	Option	Description
Focus	Auto Focus	Automatically adjust focus for a clear image
	Manual Focus	Manually adjusts projection image clarity using the [Left/Right] D-Pad.
	Intelligent Auto Focus	When enabled, the Auto Focus maintains image clarity when the projector is moved.
Auto Keystone Correction	-	One-press auto optimization ensures a square image.
Manual Keystone Correction	-	Manually adjusts the image to a square using Four-Point Keystone Correction.
Keystone Settings	Uninterrupted Auto Keystone Correction	The system automatically triggers Image Correction when the device is moved or its position changes, ensuring the image remains square.
	Auto Keystone Correction on Startup	Corrects the image automatically on startup.
	Intelligent Obstacle Avoidance	Intelligent Obstacle Avoidance automatically detects and avoids obstacles in the projection area.
	Auto Screen Alignment	Auto Screen Alignment automatically detects and perfectly aligns with the screen material.
Optical Zoom & Lens Shift	-	Adjusts the image position and size by directly moving the physical lens. This is a purely optical adjustment without digital cropping or compression, guaranteeing lossless image quality. Once the optical zoom reaches its minimum size, the projector switches to Digital Zoom and continues to shrink the image using digital image processing. Digital cropping and scaling at this stage will lead to a loss of image quality.
Image Shift	-	This function takes effect after scaling down the image with Digital

		Zoom. The image can be moved to a suitable position within the Digital Zoom range.
Screen Rotation	-	Rotates the image position to adjust the image to the appropriate angle.
Wall Color Adaptation	-	When enabled, Wall Color Adaptation automatically measures the wall color and adjusts hue. The screen will auto-adjust to its brightest state to present optimal colors.
Color Uniformity Adjustment	-	Zone Color Fine Adjustment(Please adjust the colors separately for each combination of aperture and optical zoom level)
Lens memory	-	Memorize Multiple lens settings, including zoom and lens shift positions.
Screen Restore	-	Screen Restore returns the projected image to its initial default position.
Horizontal Auxiliary Installation	-	Displays real-time projector tilt and pitch angles to assist in setup.
Projector Type	Auto Front Ceiling Rear	Adjusts image flip to suit the projection position and direction.

Brightness & Display

Settings	Option	Description
Ambient Light Output	On Off	Automatically adjust image brightness based on ambient light.
Brightness	1–10 Boost	Adjusts the physical light output of the optical engine. You can press D-Pad to adjust the projector light output.
IRIS	Dynamic f2.0 f3.0 f4.0 f5.5 f7.0	Adjusts the IRIS level to modify brightness and contrast.
Picture Mode	See Picture Mode Introduction for details	Users can choose a preset image quality mode tailored to their content preferences.
Professional Settings	See professional settings introduction for details	Adjusts image quality effects through professional settings.
Reset to Default	-	Restores all picture mode and professional setting parameters to their factory defaults.

3D Settings	Disable 3D	Disables 3D display and reverts the image to standard 2D mode.
	Side by Side	Compresses two images (left/right) into a single frame arranged horizontally; a 3D display device merges them during playback to produce a stereoscopic image.
	Top and Bottom	Compresses two images (Top/Bottom) into a single frame arranged vertically; the device combines them during playback to create a stereoscopic image.
	3D to 2D(Side by Side)	Uses an algorithm to convert left/right 3D content into a standard 2D image in real time.
	3D to 2D(Top and Bottom)	Uses an algorithm to convert Top and Bottom 3D content into a standard 2D image in real time.
	Frame Packing	Encapsulates two full-resolution frames (Top/Bottom) into a single double-height frame for transmission, allowing a 3D display to output them sequentially and deliver the highest possible 3D picture quality.
Game Enhanced Mode	See Game Enhanced Mode introduction for details	When connecting a computer or game console (e.g., PS5, Xbox, Switch) via HDMI, enable Game Enhanced Mode for lower Input Lag and a smoother visual experience.
Style Filter	Various style options	Chooses different style filters based on your preference for a unique visual experience. Max. 200 MB, .cube format only
Anti-RBE	Off Standard Enhanced	Enabling Anti-RBE significantly reduces the rainbow effect.

Picture Mode Introduction

Chooses a preset image quality mode suited to the viewing content based on your preference:

Option	Description
Standard	Balanced and reliable colors, suitable for most everyday audio-visual scenarios.
Movie	Restores cinema-quality color and contrast, ideal for dark environments.
Sports	Smooth motion for sports and action
FILMMAKER MODE	Automatically identifies the Filmmaker Mode flag to preserve the director's intent.
IMAX Enhanced	Only for IMAX Enhanced Dedicated picture mode for IMAX Enhanced content, delivering stunning image quality optimized for IMAX.
ISF Day	ISF professionally calibrated image quality, ideal for daytime viewing.
ISF Night	ISF professionally calibrated image quality, ideal for nighttime viewing.
Performance	Maximum brightness mode (not recommended for prolonged use).
Dolby Vision Bright	Only for Dolby Vision Dedicated Dolby Vision picture mode, ideal for use in bright environments.
Dolby Vision Dark	Only for Dolby Vision Dedicated Dolby Vision picture mode, ideal for use in dark environments.

Tip: The picture mode is saved by channel, and picture mode and professional parameters for HDMI 1, HDMI 2, and HDMI 3 can be set respectively.

Professional Settings Introduction

Settings	Option	Description
Brightness	0–100	Adjusts overall brightness via signal processing.
Contrast	0–100	Adjusts the difference between the brightest and darkest parts of the image.
Saturation	0–100	Adjusts color vibrancy.
Sharpness	0–100	Adjusts image edge sharpness.
Motion compensation	Off Weak Medium Strong Original frame	Uses frame interpolation tech to reduce motion blur and judder, smoothing dynamic scenes. Original frame: Outputs video at the source frame rate to avoid judder or latency caused by frame rate conversion; applicable to 24 Hz video only.
Color temperature	Standard Movie D65	Adjust the warm/cool tint of the image
White balance	2 point white balance correction 11 point white balance correction	Adjusts the red, green, and blue ratios to render white tones naturally. 2 point white balance: Quickly corrects color tone by adjusting the color ratios at highlight and shadow points. 11 point white balance: Independently fine-tunes color ratios across 11 brightness levels for precise color accuracy.
Color space	Original BT2020 DCI-P3 Rec709	Selects the color gamut standard to match different sources.
Color optimization	On Off	Automatically analyzes the image to enhance color depth and saturation for more vivid visuals.
Color correction	-	Independently adjusts hue, saturation, and brightness for individual colors.
Gamma	1.8–2.6 (Default 2.2) ST.2084 (HDR)	Modifies the luminance curve to affect mid-tone brightness and contrast.
HDR enhancement	HDR dynamic brightness mapping Screen size Screen gain	Simultaneously presents bright highlights and deep shadows in HDR sources, revealing richer detail. Automatically enables HDR Enhancement upon detecting an HDR signal, or can be toggled manually. Only for HDR10. Screen Size, Screen Gain: Adjust screen size and gain to achieve optimal HDR mapping.

Local contrast	Off Weak Medium Strong	Boosts contrast in specific regions to reveal details, suitable for HDR content.
Dynamic contrast	On Off	Automatically adjusts backlight and contrast based on scene content to enhance both dark and bright areas.
AI contrast	On Off	Uses AI to analyze and automatically adjust contrast for different scenes
Dynamic black level enhancement	On Off	Deepens shadow layers to improve detail and overall contrast in dark areas.
Noise reduction	Off Weak Medium Strong Auto	Applies algorithms to reduce grain and visual noise, resulting in a cleaner, smoother image.
Super resolution	On Off	Improves the clarity of low-resolution content to approximate UHD quality.
Restore default settings	-	Restores all the above settings to their factory defaults.

Game Enhanced Mode Introduction

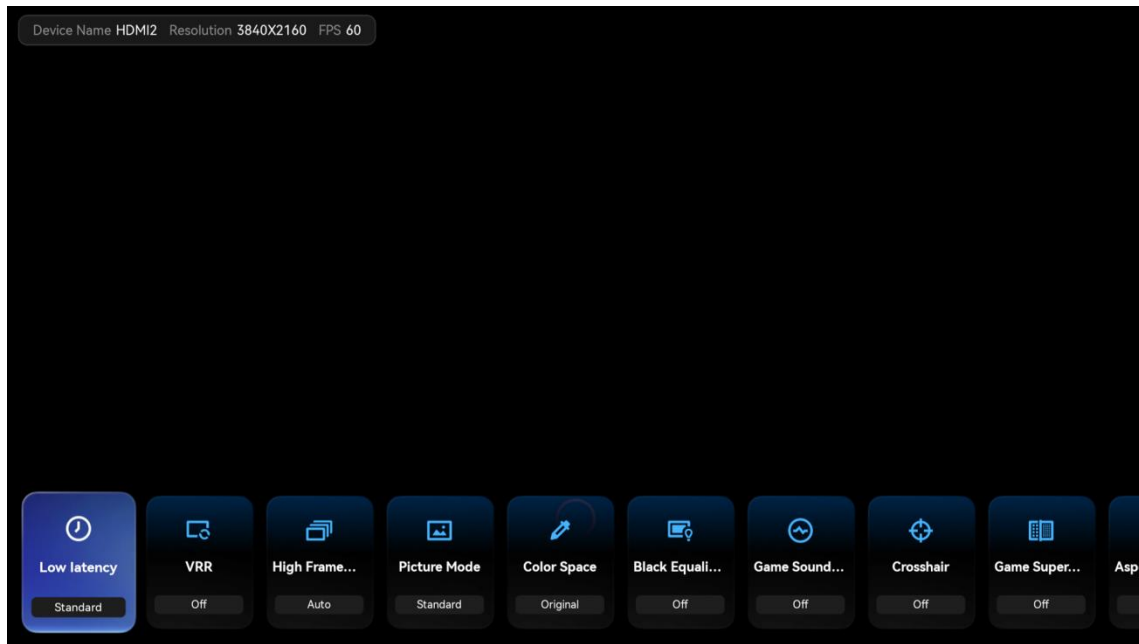
When connecting a computer or game console (e.g., PS5, Xbox, Switch) via HDMI, enable Game Enhanced Mode for lower Input Lag and a smoother visual experience.

Trigger Method	Trigger Method Description
Game content detected (ALLM)	Requires ALLM support. If the game device does not support ALLM, select "When game device detected" or "On".
When game device detected	Automatically enables Game Enhanced Mode when a game device is detected.

You can select different Game Enhanced Modes depending on latency requirements and installation environment.

Game Mode	Use Cases	Supports Correction Or Not
Standard	Ideal for low-latency scenarios where Image Correction is required, balancing adjustment needs with responsiveness.	✓
Boost	Offers ultra-low latency, perfect for high-sensitivity operations like esports.	✗

Game Menu



Game Enhanced Mode offers multiple gaming functions. Long-press the Settings (button) on the Remote Control to access the game menu.

Settings	Description
Low latency	Essentially Game Enhanced Mode. Choose different Low-Latency modes based on latency requirements and installation environments.
VRR	Allows the projector to adapt its refresh rate to the source frame rate, eliminating stutter and screen tearing for enhanced fluidity.
High frame rate mode	When enabled, the system supports 120 Hz/240 Hz input signals for silky-smooth motion.
Picture Mode	Provides Standard Mode, FPS, RPG, RTS, Sports, and other preset picture modes to optimize color and contrast by game type.
Color Space	Selects the color gamut standard to match different signal sources.
Black Equalizer	Adjusts the brightness in dark areas of the image to make them more visible.
Game Sound Effect	Provides Surround, Story, Clear, Balanced preset sound modes
Virtual Crosshair	Overlays a crosshair in the screen center. Once enabled, use the D-Pad to adjust position, long-press the Settings to change shape/color, and long-press OK to reset.
Game super resolution	Improves the clarity of low-resolution content to approximate HD quality.
Aspect ratio	Offers 16:9, 21:9, 32:9 ratios; requires adjusting the signal source output simultaneously.

adjustment	
Screen displacement	Supports shifting at 21:9 and 32:9 ratios. Press the Up/Down keys on the Remote Control to adjust.
AMD FreeSync Premium	Reduce latency and minimize screen tearing.
Minimap Zoom	Zoom in on the minimap and place it on the different position.
Frame rate overlay	Displays real-time frame rate data. Position can be set to left, center, or right.
HDR settings	With an HDR signal input, you can enable "HDR dynamic brightness mapping" or "HGiG" in the menu for the best dynamic range.
Menu theme	Offers Default, Switch, PlayStation, Xbox, and Mecha Break menu themes. Manually choose or auto-detect.

Network

Settings	Option	Description
Wi-Fi	On Off	Wi-Fi connectivity allows the device to access the Internet wirelessly without an Ethernet cable, making it suitable for mobile setups or installations where running cables is impractical. Notes: • Ensure strong Wi-Fi signal coverage; avoid excessive distance or physical obstructions that may block the signal. • For higher bandwidth and reduced interference, it is recommended to use the 5 GHz Wi-Fi band (if supported by your router). • If the connection fails, try the following: ◦ Verify that the password is entered correctly. ◦ Restart the projector or the router. ◦ Forget the network and reconnect. • Public Wi-Fi networks may pose security risks. Use them with caution.
Wired Network		Only displayed when a wired network is connected. Connecting the device to a router or switch via an Ethernet cable provides a stable, low-latency network connection, suitable for scenarios requiring high bandwidth or high network reliability. Operation Steps 1. Insert one end of the Ethernet cable into the device's LAN port and the other end into a router or switch. 2. Enter [System Settings] > [Network] > [Wired Network]. 3. The system will automatically obtain an IP address and establish the connection. 4. Once the interface displays "Connected", network services are ready for use. Notes: • Ensure the Ethernet cable is securely plugged in with no loose connections. • Use a CAT5e or higher-grade Ethernet cable to ensure high-speed data transmission. • If the device fails to obtain an IP address automatically, switch to Manual Settings and enter the following: ◦ IP Address ◦ Subnet Mask ◦ Gateway ◦ DNS Server

		Connection Priority • When both wired and Wi-Fi networks are connected, the device defaults to using the wired connection. • If the wired connection is lost, the device automatically switches to Wi-Fi.
Wireless Hotspot	On Off	The hotspot feature allows the device to share its network connection (wired or wireless) via Wi-Fi with other devices, enabling multiple devices to access the Internet simultaneously. When the Wi-Fi hotspot is enabled, the projector acts as a network sharing hub, and other devices can connect to it just as they would to a standard Wi-Fi router. Notes: ◦ Network source: The hotspot function relies on the projector's existing network connection (wired or wireless). If the source network is unstable, hotspot performance will also be affected. ◦ Power consumption & performance: Enabling the hotspot increases power consumption and heat generation. Use in a well-ventilated environment is recommended. ◦ Wi-Fi and hotspot simultaneously: When the projector is connected to a Wi-Fi network while the hotspot is active, network speed may decrease. ◦ Connection limit: The hotspot supports only a limited number of simultaneous connections (varies by model). Devices exceeding this limit will be unable to join. ◦ Security: Do not use overly simple passwords, as this may allow unauthorized devices to connect to your hotspot and pose a network security risk.

Bluetooth & Accessories

Settings	Option	Description
Add More Devices		The default Bluetooth device name is "My TITAN Noir Max". Bluetooth devices can be added to My Devices. Notes ◦ Range: The effective Bluetooth connection range is typically within 10 m. Obstacles such as walls or furniture may degrade signal quality. ◦ Simultaneous connections: The number of supported Bluetooth connections varies by device; in some scenarios, only one audio device can be connected at a time. ◦ Interference: Bluetooth operates in the same 2.4 GHz band as Wi-Fi, which may cause mutual interference, leading to reduced performance or disconnections. ◦ Pairing failure: If pairing fails, try deleting the previously paired device and re-scanning, or restart the Bluetooth function.
XGIMI Mate	Shortcut key 1 Shortcut key 2 Shortcut key 3 Shortcut key 4 Unpair	Once connected, the XGIMI Remote Control appears under XGIMI Mate. Shortcut keys can be configured.
My Device		Other connected devices will appear under My Devices.
Bluetooth Detectable	On Off	Enabling this makes the projector discoverable via Bluetooth, allowing nearby phones, PCs, and speakers to find and pair with it.
Bluetooth Absolute Volume	On Off	Syncs projector and Bluetooth device volume, which may limit adjustment. When enabled: ◦ Adjusting the projector's volume simultaneously adjusts the Bluetooth device's volume. ◦ The Bluetooth device's volume stays synchronized with the projector's. ◦ Users can adjust volume from either end, and changes are reflected in real time on both devices. When disabled: ◦ The projector and Bluetooth device control volume

		independently. ◦ The projector adjusts the audio output level, while the Bluetooth device controls its own playback volume. ◦ Users must adjust both sides separately to achieve the desired listening level.
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Sound

Settings	Option	Description
Volume Adjustment	0–100	Adjusts volume level.
Sound Mode	AI sound effect Music Movie Karaoke Sports	Adjusts the Sound Mode based on your preferences.
Enhanced Sound Effects	Harman Kardon DTS Virtual:X Volume Balance	Volume Balance Independently adjusts volume ratios for different system audio channels to optimize acoustic harmony. Ideal for: Balancing volume intensity across different channels in multi-channel content. Unifying output volume across devices when multiple speakers are connected.
Sound Output	Auto Internal speaker Optical fiber ARC Headphones Bluetooth Audio output format	Chooses the appropriate audio output method as needed. Audio output format: Triggered when audio output is set to Optical or ARC. Used to select the audio output format to match different audio devices. Different formats affect both audio quality and compatibility. Available options: PCM Decodes audio into 2-channel stereo output. Offers the best compatibility. Passthrough Outputs audio in its original compressed format for decoding by an external sound system or AV receiver. Supports surround sound formats such as Dolby and DTS. Auto The system automatically selects the optimal audio format based on the capabilities of the connected device.
eARC Mode	Auto Off	Selects "Auto" and connects an eARC-enabled speaker system with HDMI 2.1 or later cables to output high-quality sound. Notes eARC requires an HDMI 2.1 cable and an eARC-

		compatible audio device. • If you experience audio delay or audio synchronization issues, try turning eARC Off. • Recommended to enable eARC when watching movies or playing Blu-ray content to enjoy immersive audio.
System Sounds	On Off	Controls whether audible feedback is sent during Remote Control or menu operations.

General

Settings	Option	Description
About	Device Name Device Info Privacy Policy	Privacy Policy: View the projector's latest privacy policy or personal information protection statement.
System Update	Online Update USB Update	Online Update: You can check whether the system is running the latest version. If an update is available, tap [Download and Update]. The update will be downloaded and installed in the background, and the new system version will take effect after the next reboot. USB Update: 1. Use a USB drive formatted as FAT32 (must be unpartitioned). 2. Download the firmware file to the root directory of the USB drive, and then insert it into the projector's USB 2.0 port. 3. Go to [System Settings] > [System Update], select [USB Upgrade], and follow the on-screen instructions to complete the update.
Language	Multi-language Options	Offers various system languages, including Simplified Chinese, English, German, French, Japanese, Korean, Spanish, Italian, Polish, Portuguese, Russian, and Traditional Chinese.
Accessibility	TalkBack Large Front Mode	TalkBack Automatically reads UI elements when enabled
Intelligent Eye Protection	On Off Follow Mode Eye Care Mode	Detects eyes in the projection path via a sensor to auto-protect vision, preventing discomfort from direct glare. When enabled, the device shuts off the light source if someone enters the area in front of the lens. It auto-restores when they leave. • Follow Mode: Follows human movement to reduce local brightness in real-time without affecting viewing. • Eye Care Mode: When a person is detected, the screen automatically turns off or is partly masked. It reactivates after the person leaves the projection path or the user presses the [Back (button)].
Theme Style	Light	

	Black Blue	
Color Vision Correction	On Off	Correct colors for users with color vision deficiencies
Elderly Color Optimization		Optimized colors for elderly users to improve their viewing experience
Serial Port Control		Requires a USB-to-RS232 adapter; controls the projector via RS232 protocol.
Advanced Settings	Power On/Off Settings Startup animation Power-on Music Power on and auto start Auto shutdown when inactive	
	High Altitude Mode	When enabled, the fan speed will be increased to enhance heat dissipation efficiency, ensuring stable operation of the device.
Factory Reset		Factory Reset deletes all setting data and local files; please operate with caution.

05 Servicing

This section describes troubleshooting and servicing methods.

- Before the Projector Is Serviced
- Servicing
- Troubleshooting

Before the Projector Is Serviced

Always turn off the power before servicing the projector.

When shutting down the projector, always follow the steps described in the “Powering Off the Projector” section.

Servicing Methods

Shell: Wipe away dust and dirt with a soft, dry cloth.

For stubborn stains, dampen the cloth with water, wring it out thoroughly, and then wipe.

Do not use benzene, thinners, isopropyl alcohol, other solvents, or household detergents, as they may damage the shell.

If using chemically treated dust-resistant cloths, follow the instructions provided on the product packaging.

Lens: Wipe dust and dirt from the front lens surface using a clean, soft cloth.

Do not use fluffy, dusty, or oil- or water-moistened cloths for cleaning.

The lens is fragile. Avoid applying excessive pressure when wiping.

Notes:

Striking the lens with a hard object or wiping it with excessive force can cause damage; operate with extreme care.

When used in extremely dusty environments, dust may accumulate around the air intake/exhaust vents depending on the conditions. This can adversely affect internal ventilation, cooling, and heat dissipation, resulting in diminished brightness.

Troubleshooting

Issues	Inspection Items
Projector fails to power on.	Is the power plug fully inserted into the outlet? Is the wall outlet supplying power? Is the light source indicator illuminated?
No image is displayed.	Is the projector properly connected to the external device? Has the correct input source been selected? Is the connected device operating normally? Is "screen off" active?
Image is blurry.	Is the lens focus properly adjusted? Is the projection distance appropriate? Is the lens dirty?
Image is too dark.	Is the Brightness value too low?
Colors appear washed out or grayish.	Is Settings -> Brightness & Display -> Professional Settings -> White Balance Correction adjusted correctly? Has the external device connected to the projector been correctly configured? Is the cable connecting the external device to the projector damaged?

Remote control is unresponsive.	Are the batteries depleted? Are the batteries inserted with correct polarity? Does the Remote Control backlight respond? Is the Remote Control being used beyond its effective operating range?
HDMI image or video is not displayed.	Is the cable too long? (HDMI cables should generally not exceed 10 m in length.) Is the HDMI cable securely connected? Is the input signal incompatible with the projector?

06 Attached Table

This section provides detailed explanations of the settings options.

- Specifications
- Size
- Precautions for Ceiling Mount Bracket
- Environmental Information
- Technical Information

Specifications

Item	TITAN Noir Max	TITAN Noir Pro	TITAN Noir
Product Classification	Home Projector	Home Projector	Home Projector
Light Source	RGB Triple Laser	RGB Triple Laser	RGB Triple Laser
Display Technique	DLP	DLP	DLP
Display Chip	0.47"DMD (SST)	0.47"DMD (SST)	0.47"DMD (SST)
3D	Yes	Yes	Yes
Supported Formats	HDR 10+, IMAX Enhanced, Dolby Vision	HDR 10+, IMAX Enhanced, Dolby Vision	HDR 10+, IMAX Enhanced, Dolby Vision
Latency	(Game Mode, AK off) 1ms at 1080P@240Hz 2.2ms at 1080P@120Hz 3ms at 4K @60Hz	(Game Mode, AK off) 1ms at 1080P@240Hz 2.2ms at 1080P@120Hz 3ms at 4K @60Hz	(Game Mode, AK off) 1ms at 1080P@240Hz 2.2ms at 1080P@120Hz 3ms at 4K @60Hz
MEMC	Yes	Yes	Yes
Brightness	7000 ISO Lumens	6000 ISO Lumens	4800 ISO Lumens
Standard Resolution	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels
Compatible Resolution	/	/	/
Color Gamut	BT.2020 110%	BT.2020 110%	BT.2020 110%
Contrast Ratio	Up to 10,000:1 (Native Contrast) Up to 100,000:1 (Dynamic Contrast)	Up to 8000:1 (Native Contrast) Up to 100,000:1 (Dynamic Contrast)	Up to 7000:1 (Native Contrast) Up to 100,000:1 (Dynamic Contrast)
Lens	High Light Transmission Coated Lens	High Light Transmission Coated Lens	High Light Transmission Coated Lens
Eye Protection	Yes	Yes	Yes
Auto Keystone Correction	Uninterrupted Auto Keystone	Uninterrupted Auto Keystone	Uninterrupted Auto Keystone
Focus	Auto Focus	Auto Focus	Auto Focus

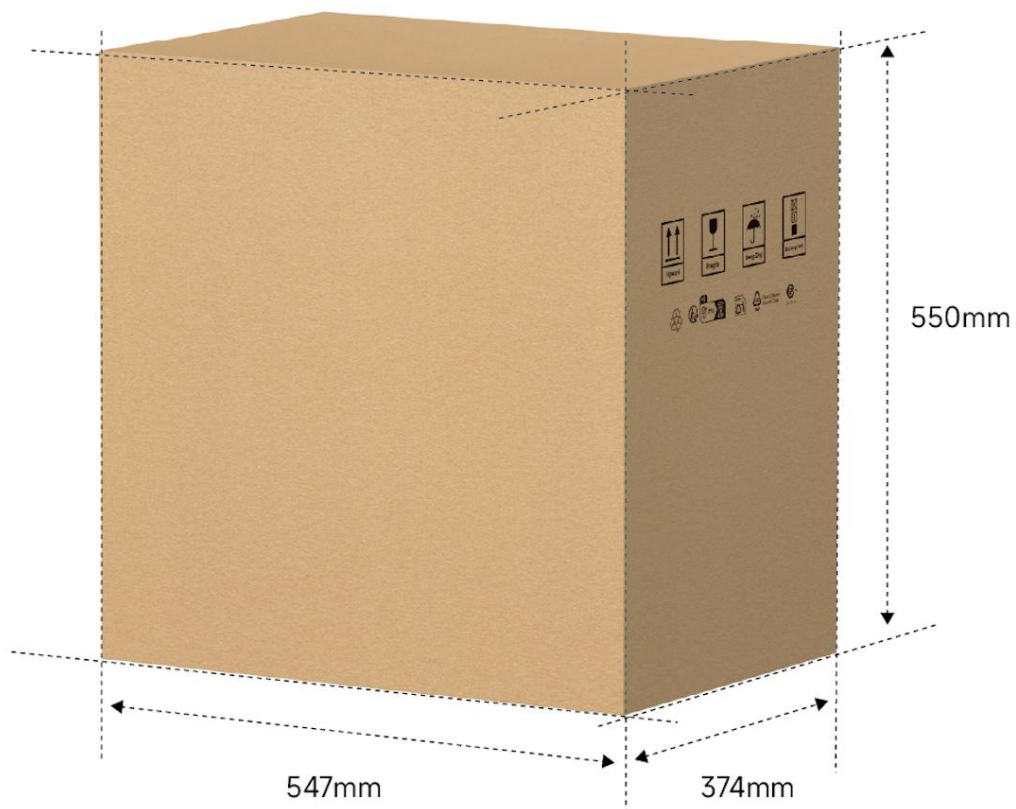
Intelligent Screen Alignment	Yes	Yes	Yes
Intelligent Obstacle Avoidance	Yes	Yes	Yes
Lens Shift	V±130%/H±50%	V±130%/H±50%	V±130%/H±50%
Optical Zoom	Yes	Yes	Yes
Digital Zoom	Yes	Yes	Yes
Throw Ratio	0.98-2.0:1	0.98-2.0:1	0.98-2.0:1
Aspect Ratio	16:9	16:9	16:9
Projection Method	Front, Rear, Front Ceiling, Rear Ceiling	Front, Rear, Front Ceiling, Rear Ceiling	Front, Rear, Front Ceiling, Rear Ceiling
Image Size	40" - 300"	40" - 300"	40" - 300"
CPU	MT9681	MT9681	MT9681
GPU	Mali G57	Mali G57	Mali G57
RAM	4GB	4GB	4GB
Storage	64GB	64GB	64GB
System	No OS built-in	No OS built-in	No OS built-in
Fast Boot	Yes (STR)	Yes (STR)	Yes (STR)
Mirroring Display	/	/	/
Speaker	2 x 12W Harman/Kardon	2 x 12W Harman/Kardon	2 x 12W Harman/Kardon
DTS Virtual:X	Yes	Yes	Yes
DTS-HD	Yes	Yes	Yes
Dolby Atmos	/	/	/
Dolby Digital (DD)	Yes	Yes	Yes
Dolby Digital Plus (DD+)	Yes	Yes	Yes

WiFi	WiFi 6 Dual-band 2.4/5GHz, 802.11a/b/g/n/ac/ax	WiFi 6 Dual-band 2.4/5GHz, 802.11a/b/g/n/ac/ax	WiFi 6 Dual-band 2.4/5GHz, 802.11a/b/g/n/ac/ax
Bluetooth	Bluetooth 5.2	Bluetooth 5.2	Bluetooth 5.2
Input Ports	DC x 1	DC x 1	DC x 1
	HDMI x 3 (HDMI1 supports eARC)	HDMI x 3 (HDMI1 supports eARC)	HDMI x 3 (HDMI1 supports eARC)
	USB 3.0 x 1, USB 2.0 x 1	USB 3.0 x 1, USB 2.0 x 1	USB 3.0 x 1, USB 2.0 x 1
	LAN x 1 (Gigabit Ethernet Speed)	LAN x 1 (Gigabit Ethernet Speed)	LAN x 1 (Gigabit Ethernet Speed)
Output Ports	Optical x 1	Optical x 1	Optical x 1
	Audio x 1	Audio x 1	Audio x 1
Noise Level	≤28dB@1m	≤28dB@1m	≤28dB@1m
Power Dissipation	≤360W	≤300W	≤300W
Power	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz
Product Size (H x W x D)	178 x 334 x 248 mm 231 x 379 x 288 mm (with desktop stand)	178 x 334 x 248 mm 231 x 379 x 288 mm (with desktop stand)	178 x 334 x 248 mm 231 x 379 x 288 mm (with desktop stand)
Product Weight	8.1 kg	7.6 kg	7.5 kg
Package Size (H x W x D)	300 × 450 × 350 mm	297 × 473 × 468 mm	297 × 473 × 468 mm
Package Weight	15.4 kg	11.3 kg	11.2 kg
Power Cable	x1	x1	x1
External Power Supply	x1	x1	x1
Manual	x1	x1	x1
Warranty Card	x1	x1	x1
Remote Control	Backlight Bluetooth Remote Control x1, AAA Batteries x2	Backlight Bluetooth Remote Control x1, AAA Batteries x2	Backlight Bluetooth Remote Control x1, AAA Batteries x2

Size



Shipping Dimensions



Precautions for Ceiling Mount Bracket Installation

When mounting the projector on the ceiling, always use the ceiling mount bracket recommended by XGIMI.

- When installing the mount, first use a hex key to remove the projector's base screws, then align the bracket with the projector's threaded holes for installation.
- Ceiling mounting of the projector must be performed by qualified technicians.
- XGIMI Technology Co., Ltd. assumes no liability for any damage to the projector caused by the use of non-recommended brackets or improper selection of the mounting location, even if the product is still under warranty.
- Unused products must be promptly removed by qualified technicians.
- Please refer to the installation manual of the ceiling mount bracket for detailed instructions to ensure compatibility with the projector (including, but not limited to, the bracket's maximum load capacity and the required length of mounting screws).

RS232 Command Set

Baud rate:115200

Function	Description	Command
Input source switching Specifies input source of the host	Switches to HDMI1	2A 2A02010104
	Switches to HDMI2	2A 2A02010205
	Switches to HDMI3	2A 2A02010306
	Switches to USB	2A 2A02011417
Image mode switching	Standard	2A 2A02032305
	Movie	2A 2A02031D05
	Sports	2A 2A0203090E
	FILMMAKER MODE	2A 2A02031B20
	IMAX Enhanced	2A 2A02030207
	ISF Day	2A 2A0203262B
	ISF Night	2A 2A0203272C
	Performance	2A 2A0203050A
Brightness settings Sets brightness level 1–10	Brightness 1	2A 2A02050108
	Brightness 2	2A 2A02050209
	Brightness 3	2A 2A0205030A
	Brightness 4	2A 2A0205040B
	Brightness 5	2A 2A0205050C
	Brightness 6	2A 2A0205060D
	Brightness 7	2A 2A0205070E
	Brightness 8	2A 2A0205080F
	Brightness 9	2A 2A02050910
	Brightness 10	2A 2A02050A11
Restore factory settings	Restore to factory settings without retaining apps	2A 2A02060008
Simulated keystrokes	Power Button	2A 2A02070009
	Signal Source	2A 2A02070811

	Direction Up	2A 2A02070912
	Direction Down	2A 2A02070A13
	Direction Right	2A 2A02070B14
	Direction Left	2A 2A02070C15
	OK	2A 2A02070D16
	Back	2A 2A02070E17
	Setting	2A 2A02070F18
	Home	2A 2A02071019
	Volume Up	2A 2A0207111A
	Volume Down	2A 2A0207121B
	Auto Focus	2A 2A0207141D
	Mute	2A 2A0207151E
Wake Up	Standby Wake up	2A 2A070977 61 6B 65 75 70 9D
Screen On/Off	Turn Off the Screen	2A 2A020D000F
	Open Screen	2A 2A020D0110
High Refresh Rate Mode Settings	Turn Off High Refresh Rate Mode	2A 2A020E0010
	Turn On High Refresh Rate Mode - Basics	2A 2A020E0111
	Turn On High Refresh Rate Mode - Extreme Speed	2A 2A020E0212