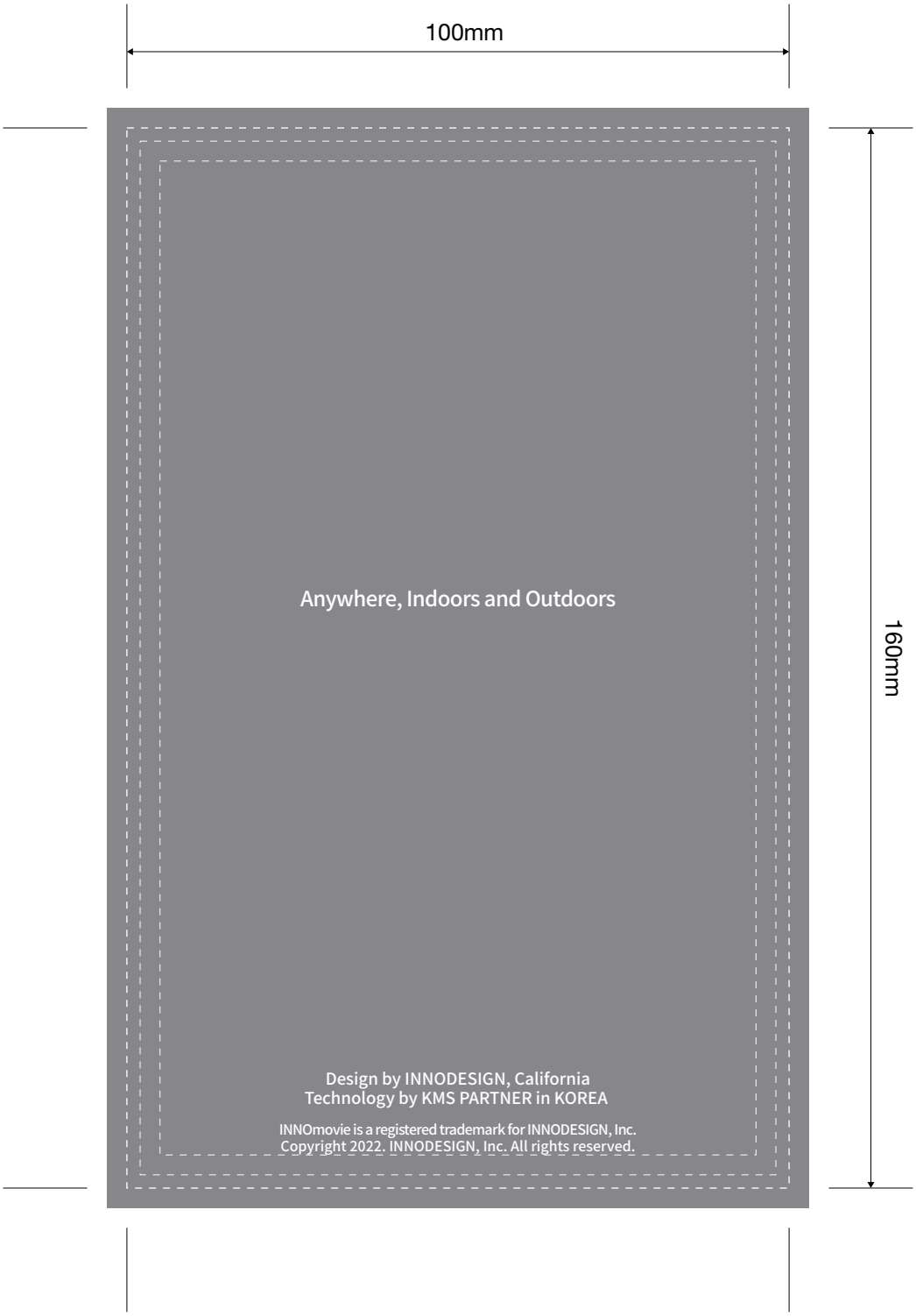
Cover - Back


100mm
160mm
Anywhere, Indoors and Outdoors
Design by INNODESIGN, California
Technology by KMS PARTNER in KOREA
INNOmovie is a registered trademark for INNODESIGN, Inc.
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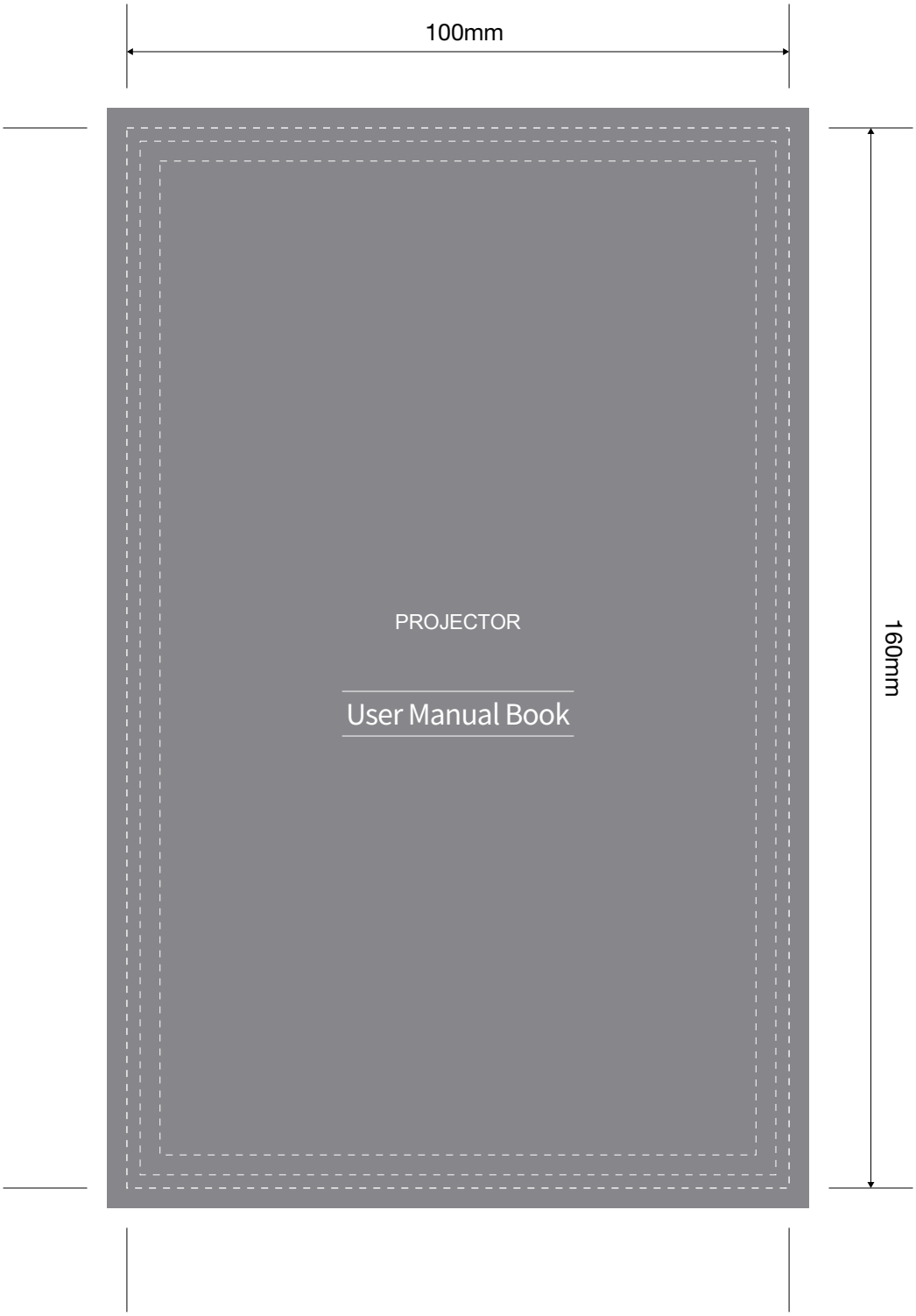
INNOmovie Portable Beam Projector_Manual

Cover - Front



PROJECTOR

DESIGN BY INNODESIGN, California

This simple trademark represents the extraordinary amount of thought and sweat that goes into the design of our product. We strive for elegant looks and ease of use. At INNODESIGN, we aim to create designs that we would be proud to call our own.

Enjoy!

CEO and Chief Designer Youngse Kim of INNODESIGN

INNOmovie is a registered trademark for INNODESIGN, Inc.
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User Manual Book

English

Safety Instructions

Frequently Asked Questions Please read the following procautions before using the projector.

1. Be careful not to tip over or drop the projector when connecting an external device. It may cause injury or product damage.

2. Do not place the product near sunlight, candles, heat sources (stoves, microwaves). (It may deform the product or cause an explosion or fire.)

3. Do not look directly into the light of the projected lens or project it into your eyes. (Projected light may be harmful to your eyes,)

4. Do not install on a wall or ceiling where oil or oil vapor may come in contact. The product may be damaged and fall.

5. Do not replace the lamp or other electrical parts without unplugging projector.

6. Do not apply shock to the product, don't place it where there is vibration or magnets. Please stay away. (It may cause product failure.)

7. In case of smoke or strange noise or smell, stop using it immediately and contact your distributor.

8. If the product is disassembled or remodeled arbitrarily, even if it is in the warranty, you should afford the repairing costs.

9. Unplug the adapter from the AC, you can't use the projector for a long time.

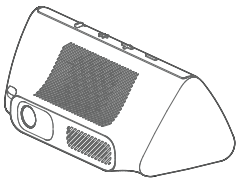
10. We are not responsible for the damage or defects caused by user negligence. All repairs are professional if you ask a technician.

11. Fan noise is not a defect of the product.

12. Do not allow pets to suck or bite this product. (It may damage the product or cause an explosion.)

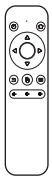
* This device is a business (Class A) electromagnetic wave compliant device, so sellers or users should be aware of this.

Conponents

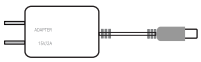


INNOmovie

User Manual



Remote



Adapter

Tripod

※ The adapter is subject to change without notice for quality improvement.

[Notice]

1) The picture may differ from the actual product. Various accessories are subject to change without notice to improve product quality. New accessories may be added or deleted.

2)Due to the nature of the beam projector, the top and bottom edges of the screen may be blurred. This is due to the nature of the optical engine, and it is not a product malfunction. The proper throw distance is 100cm~200cm.

* The longer the projection distance, the more blurred the screen.

3) Install the projector so that it is perpendicular to the projection screen. If the image is distorted or curved, please check if the projector is installed properly by installing it on a level surface.

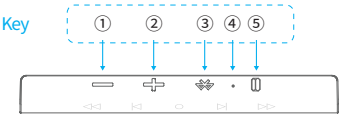
4) The projector can be installed using a camera tripod. When fixing the tripod, the length of the fastening bolt is recommended to use the international standard of 4.5mm or less. The allowable length of the fastening bolt is 5.5mm maximum. Anything longer may damage the projector.

Be careful when using a tripod as external force may cause the projector to topple over and cause damage.

Do not install the tripod on an unstable place.

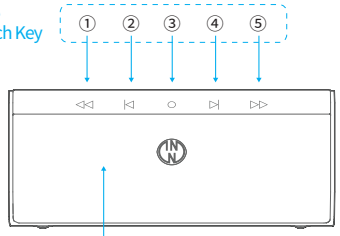
Product Functions

Top Key

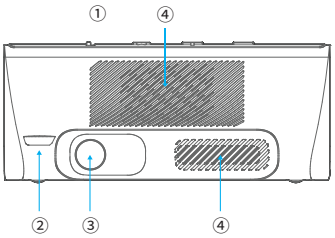


1: Volume(-)
2: Volume(+)
3 : Bluetooth Connection(pairing)
4: indicator
5: Projector/Bluetooth/Power ON/OFF

Face Touch Key

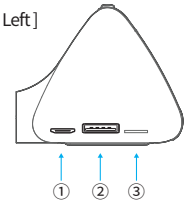


	[Menu Key]	[Projector]
1:	Left	Previous Video
2:	UP	10seconds ago
3:	OK/Return(2sec.)	Play/Pause
4:	Down	10seconds later
5:	Right	Next Video



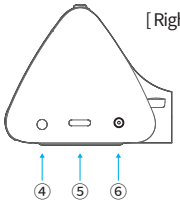
1: Speaker
2: Focus Wheel
3: Lens
4: Cooling Fan

[Left]



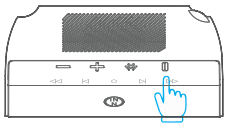
1: mini HDMI
2: USB
3: TF

[Right]



4: AUDIO(AUX)
5: Power(C type)
6: Power (15V / 1.5A)

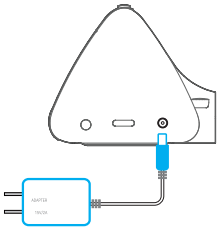
▶ Power Button



Slide the power button left or right to turn on the projector and Bluetooth power turns ON/OFF. The battery capacity is displayed in the projec-tor main menu.

▶ Charging

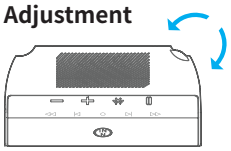
When using it for the first time, please fully charge it and use the supplied adapter.



[LED indicator]

1. Flashing red: Low Battery
2. Solid red: charging
3. Solid yellow: Standby in projector mode
4. Solid White: Fully Charged
5. Flashing Blue: Ready to pair (Bluetooth speaker mode)
6. Solid Blue: Bluetooth connected (Bluetooth speaker mode)

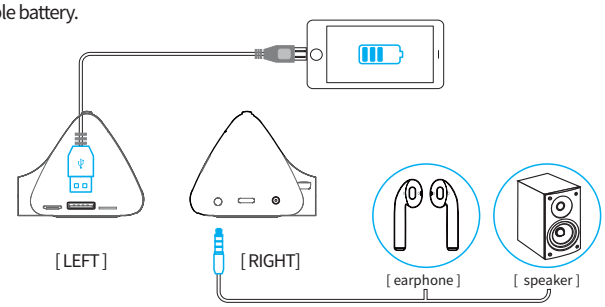
▶ Focus Adjustment



Adjust it left and right with the focus wheel. Focus the projected image clarity.

▶ Rechareable Battery Function

After powering on the projector, connect the device to the USB port to charge as a rechar-geable battery.

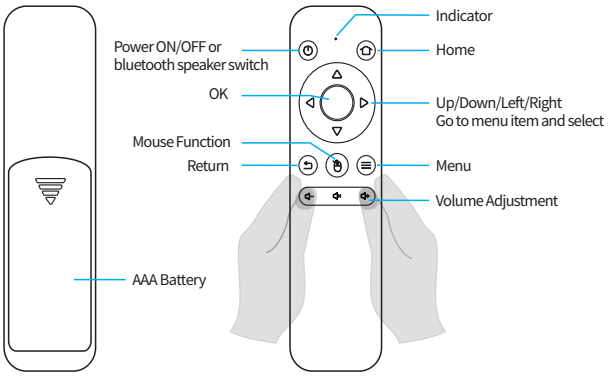


▶ AUDIO OUT

Two speakers are built-in, but external audio output is also possible.
You can connect earphones or speakers to the 3.5mm AUDIO OUT port.

Remote

The wireless remote control must be connected before using the projector.
After turning on the projector, press and hold the volume(-)key and volume(+)key for 3 seconds within 1 meter from the projector.
When pressed, the indicator on the remote control flashes and a sound bar appears on the main screen.



External Device Connection

1) USB

- In the case of a USB/TF storage device with a built-in automatic recognition program or using its own driver, it may not work.
- Some USB/TF storage devices may not work or operate smoothly.
- If a USB extension cable is used, it may not work or may not operate smoothly.
- Use only FAT32 formatted USB/TF storage devices provided by Windows.
- For an external USB hard disk, use a device with a rated voltage of 5 V and a rated current of 500 mA or less.
- It is recommended to use a hard disk with power supply. (If the power is insufficient, the USB device may not be recognized properly.)
- USB/TF capacity of 32GB is recognized as standard, but 128GB may also recognized.
- Data on the USB storage device maybe damaged, so back up the important files.
- User should responsible for the data, the manufacturer isn't responsible for the data.
- Multi-port is also available for USB port.
- Some apps do not support mouse wheel.

Supported Video format

Video Codec	Resolution	Bit Rate	Profile	Container
MPEG1/2	1080P@30fps	40Mbps	MP@HL	MPEG program stream (.DAT, .VOB, .MPG, .MPEG) MPEG transport stream (.ts, .trp, .tp)
MPEG4	1080P@30fps	40Mbps		MPEG transport stream(.MPG, .MPEG) MP4 (.mp4, .mov) 3GPP (.3gpp, .3gp) AVI (.avi) MKV (.mkv) ASF (.asf)
DivX 3.11, DivX 4.12, DivX 5.x, DivX 6, XviD	1080P@30fps	40Mbps		DivX (.divx) MP4 (.mp4, .mov) AVI (.avi) MKV (.mkv) ASF (.asf)
Sorenson H.263	1080P@30fps	40Mbps		FLV (.flv) AVI (.avi) SWF (.swf)
H.263	1080P@30fps	40Mbps		MP4 (.mp4, .mov) 3GPP (.3gpp, .3gp) AVI (.avi) MKV (.mkv)
H.264		50Mbps	· Main Profile · High Profile@Level 4.0	FLV (.flv) MP4 (.mp4, .mov) Supported Video format 3GPP (.3gpp, .3gp) MPEG transport stream (.ts, .trp, .tp) ASF (.asf) WMV (.wmv) AVI (.avi) MKV (.mkv)
AVS	1080P@30fps	40Mbps	Jizhun profile@Level 6.0	MPEG transport stream (.ts, .trp, .tp)
AVS+	1080P@30fps	50Mbps	Broadcasting profile@Level 6.0.1.08.60	MPEG transport stream (.ts, .trp, .tp)
WMV3	1080P@30fps	40Mbps		ASF (.asf) AVI (.avi) MKV (.mkv) WMV (.wmv)
VC1	1080P@30fps	40Mbps	· Advanced Profile@Level 3 · Simple Profile · Main Profile	MPEG program stream (.MPG, .MPEG) MPEG transport stream (.ts, .trp, .tp) ASF (.asf)
Motion JPEG	1080P@30fps	10Mbps		AVI (.avi) 3GPP (.3gpp, .3gp) MP4 (.mp4, .mov) MKV (.mkv) ASF (.asf)
RV30/RV40	1080P@30fps	40Mbps		RM (.rm, .rmvb)
HEVC	1080P@30fps	30Mbps	Main profile,High tier@lever 4.0	MP4 (.mp4, .mov) MKV (.mkv) MPEG transport stream (.ts, .trp, .tp)

2) **mini HDMI**

It can be connected to devices like laptops, smartphones, tablets, and PSPs using miniHDMI

* Please check if the miniHDMI cable version supports 1.4

- **To connect a laptop or PC with a cable**

Connect the mini beam with an HDMI cable.
Right-click on the PC desktop and click (Screen Resolution/Display Settings) and select the recommended resolution.
(The setting method may differ depending on the Windows version.)

※When the desired image does not come out of the projector
Check whether the video is displayed normally from the PC/laptop.
Set the display settings in the PC control panel correctly.
If there is no image after connecting a laptop/PC, the resolution of the computer being used is not compatible with the projector. It is set beyond the acceptable resolution.

- **List of additional compatibility adapters**

Some devices may require an additional adapter to connect via HDMI.
(For example, an iPhone or iPad requires a Lighting to HDMI AV adapter)

1	Devices with HDMI port	★ HDMI to HDMI cable (included)
2	Devices with mini HDMI port	★ Mini HDMI to HDMI adapter ★ HDMI to HDMI cable
3	Devices with micro HDMI port	★ Micro HDMI to HDMI adapter ★ HDMI to HDMI cable
4	iOS devices with lightning port	★ Lightning digital AV adapter ★ HDMI to HDMI cable
5	Devices with USB-C (USB type C) port	★ USB-C to HDMI adapter ★ HDMI to HDMI cable
6	Devices with USB-C (USB type C) port	★ USB type C to HDMI cable

Using Projector

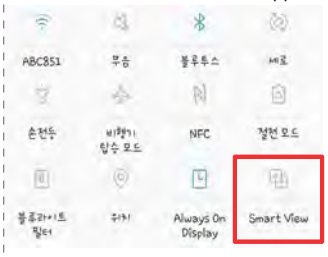
▶ Main Screen

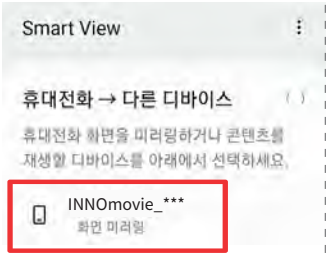
▶ Mirroring

- **Android Device Connection**

INNOmovie setting: Select Main Menu-Screen Mirroring- Miracast, check INNOmovie_*** in Smart View of your AirReceiver

Android device setting : Drag the status bar to select Smart view, select INNOmovie_*** when it appears.





※ **Note:** Make sure your device supports Miracast and Smart View.

* When Smart View is connected, the Bluetooth speaker may not be connected due to the nature of wireless transmission, and the voice sync may not match.

* For a smooth connection, be sure to connect to this product through 'Screen Mirroring' or 'Smart View'. phone

* The images are an example.

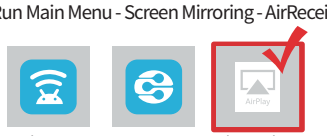
- IOS Device Connection

* The images are an example.

INNOmovie setting :

1. Select Main Menu - Settings - Wi-Fi and connect to the same Wi-Fi as iPhone.

2. Run Main Menu - Screen Mirroring - AirReceiver.

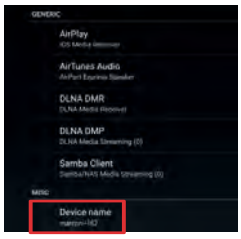


iPhone :

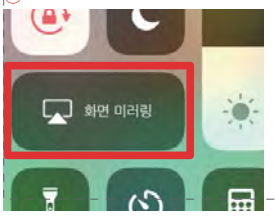
1. Check if the Wi-Fi is connected to the same Wi-Fi as the projector in the settings of the iPhone.
2. Check the device name on the projector.
3. Execute iPhone screen mirroring.
4. Check if the device name is the same as the projector and select it.

①

②



③



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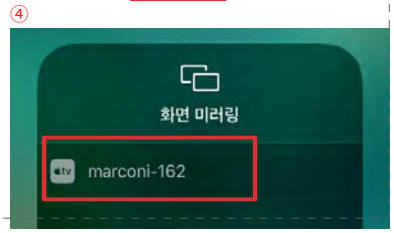


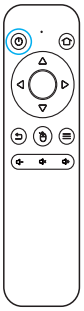
Using a Bluetooth speaker

▶ **When using Bluetooth speaker in INNOmovie beam projector**

Bluetooth button on the top of INNOmovie ( ) Press to change to Bluetooth speaker mode. (Press it one more time, it'll change to projector.)

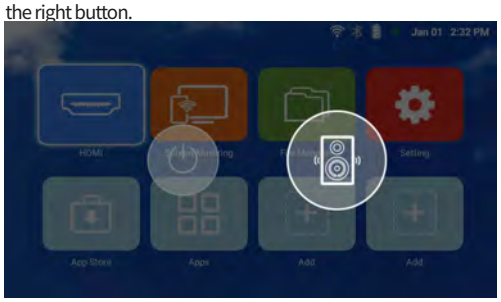
Search for external devices and Bluetooth devices
Select INNOmovie_*** from the search list to proceed with pairing.
* When registration is complete, it automatically tries to connect with the registered device every time it is turned on.

▶ **When switching from the remote control to the Bluetooth speaker**



When you press the power button on the remote control, the following screen appears.

Use the left and right arrow keys to switch to Bluetooth mode by pressing the right button.



Search for external devices and Bluetooth devices
Select INNOmovie_*** from the search list to proceed with pairing.
* When registration is complete, it automatically tries to connect with the registered device every time it is turned on.
* When switching to INNOmovie, press the Home button on the remote control and the menu screen appears. Just wait until you see it (switching on the remote will take loading)

Notes for mirroring

1. When mirroring, the smartphone and projector are mirrored, the Bluetooth speaker is connected to the smartphone . You must be connected.

Bluetooth speaker Mirror the s martphone and projector. Connect the phone to the BT speaker.	iPhone Bluetooth Speaker Connect projector to the BT speaker.

2. If you cannot see Netflix video or subtitles when mirroring, it is because of copyright restrictions. Please download and install Netflix from the App Store of projector and try it.
3. Mirroring may cause stuttering or afterimages. Use the router to connect multiple wireless devices at the same time, or Abnormal symptoms may occur due to network interference, and normal operation may be difficult when large-capacity content is operated.
4. When mirroring, only Netflix and Wave sound.
In the case of a problem that does not play, it is not a problem with the projector, but a copyright problem with the app itself. This is due to restrictions on use. Even if you are using wired mirroring cable (HDCP support) or install and use the app on the mini-beam, it's possible.

▶ **Wi-Fi Settings**

1. Main Menu - Settings - Wi-Fi
2. Turn on Wi-Fi, select an available Wi-Fi, enter the password to connect
If a message appears at the bottom, Wi-Fi is connected.

▶ **Bluetooth Settings**

1. Main Menu - Settings - Bluetooth
2. Turn on Bluetooth and select an available Bluetooth device.

[Notes]

1. There is only one Bluetooth connection. It can’t be used if two are connected.
2. The Bluetooth speaker cannot be connected.
Check if there are other Bluetooth speakers or devices and try to connect with other devices. If other devices are connected, the problem may be with the Bluetooth speaker.
3. I use a Bluetooth speaker, but it sometimes cuts off.
Because Bluetooth uses the same 2.4g band as Wi-Fi frequency, it sometimes crashes.
If the Wi-Fi router is an IPTIME product, you can set it to not interfere with the channel.
4. Have you been using the Bluetooth speaker well? Can't connect.
Please check if there is a new application that you installed recently.
This is a problem caused by a collision with the application.

▶ **File Manager**

You can use the apk file to install third-party apps. But compatibility issues with some third-party apps can happen. Apps that are not pre-installed may not be compatible or may not function properly.
Some apps may require a keyboard or mouse.
Regional characteristics may apply for some apps

Frequently Asked Questions

1. I want to download apps such as TVing and Watcha Play unlike smartphones, projector's Android operating system is an Android operating system for TVs, so when you installing the desired app, you can search and use it in the App Store or Play Store on the main screen of the projector. It's possible. Usually, when video player related apps are not found in the App Store or Play Store Download the app from https://apkpure.com/app, save it from the USB, and install it.
   it will run. (However, there may be apps that cannot be installed due to compatibility.)

2. Is it possible to adjust the screen brightness? If you go to settings, you can adjust the eco mode.

3. I am trying to watch Netflix on the projector, but the remote control is inconvenient. Can't even scroll.
   The remote control you received as a gift is only provided for the convenience of the product's interface.

4. I put a USB movie and run the video, but there is no sound.
   It's a codec problem. Try encoding it through an encoding program or you can view it by installing a video player app that supports the codec.

5. The video playback is said to be 180 minutes, but it seems shorter.
   when 480p video is played on USB in Eco mode, it can last 180 minutes . During wireless mirroring, when connecting to Wi-Fi,If the video size of YouTube is high-definition, the usage time is different. Also, the battery charge message is displayed twice.After that, you can watch the video for another 20 to 30 minutes.

6. YouTube says it's banned.
   Search for YouTube in the App Store, select YouTube for Android TV, update it, and then use it. It's possible.

7. I want to log in on YouTube.
   Search for YouTube in the App Store, install Smart YouTube, and log in to view.

8. Frequently disconnected when mirroring
   Please reboot your smartphone and connect again to use it.
   If the symptom is same even after rebooting, enter the Wi-Fi setting of the phone and change the Wi-Fi. Please use it after initialization. (Contact the smartphone manufacturer for how to reset Wi-Fi)
   If a problem occurs even after the above measures, contact the After-Sales center to check.

9. When there is no wireless connection
   When you cannot connect to the wireless router
   - Check the power of the wireless router is turned on, then turn the power of the wireless router off and on.
   - If a security key is set, check that the security key is entered correctly.
     Unable to connect to the network or connect to the Internet.
   - Check if the Internet LAN cable is connected to the router's external network LAN terminal.
   - If the problem persists, please contact your internet service provider

10. When charging does not work
If you do not use the original adapter supplied with the INNOmovie, charging may not be possible. Be sure to use the original adapter. If charging does not work even after taking the above measures, contact the A/S center to check. It must be inspected together with the adapter.

11. When the fan motor makes a lot of noise or does not spin (turns off again)
When the product is in operation, if there is a object in the inlet or outlet or block the vent, it should be cleaned. If a foreign substance enters, it can cause noise, in this case, it should be checked after inquiring about A/S. If the fan doesn't operate, the product turns off within 1 minute after power is applied.
To prevent overheating of the product is shutting down. If this occurs, you should contact the A/S center and have it checked.

12. When the projector screen comes out strangely.
If the projection screen looks entirely orange, yellow, or blue, there is also black or bands on the screen. Or, if there is a line, you must contact the A/S center to check.

13. When there is no sound or noise occurs
- Check the external input or the volume of the smartphone.
- Please check the volume of the product.
- If there is a normal sound coming out of the external device (laptop) or smart phone, contact the A/S center should be checked afterwards.
- When playing video or music using a USB , sound may not be output depending on some audio codecs. Especially Dolby or AC3. (Check codec support)
- If sound is output from the product, but severe tearing or noise-mixed sound occurs, contact the A/S center should be checked afterwards.

14. When disconnection continues while connecting with a smartphone in Smart View
If this symptom occurs, it is a communication error between the smartphone and the product. Reboot the smartphone and connect again.
(Check if the mobile phone is a supported mobile phone) If it is disconnected after connecting even after rebooting the smartphone. If you are unable to solve after taking the above measures, please contact the A/S center.

[**Storing the projector**]
When storing the projector for an extended period, please do the following:
- Make sure the temperature and humidity of the storage area are within the recommended ranges.
- Slide the adjuster feet all the way back.
- Remove the battery from the remote control.
- Put the projector in its original packaging or similar box.

SPECIFICATION

CPU	Quad-core 64-bit Cortex-A55	HDMI	miniHDMI Input
Resolution	920x540 Compatible with 4K	Lamp Life	30,000 hours
Memory	DDR4 1GB, 8GB	Power	AC100~240V, 50/60HZ
OS	Android 9	Power Ouput	15V 1.5A
Display	DLP	Battery	9600mAh(Max) Lithium Polymer
Light	R,G,B LED	Speaker	3Wx2 (built-in woofer)
Contrast	50,000:1	Headphone	3.5mm stereo headphone
Aspect Ratio	16:9	Temperature	0°C~35°C
Brightness	600 ANSI lumens	Humidity	0~85%
Wi-Fi	AirPlay, DNLA, Miracast	Dimension	172 x 80 x 72mm
Wireless	Wi-Fi 2.4G & Bluetooth 4.2 TF,	Weight	510g
Input	USB, miniHDMI		

Product Warranty

Name	INNOmovie Beam Projector	Serial No.	
Date	/ /	Distributor	

If there is a problem with the product, please call the place of purchase.
In the event of a breakdown, compensation, repair or replacement, will be resolved within 14 days .
The warranty period is 12 months from the date of purchase. After that, it will be paid.
If it is difficult to confirm the purchase date, the product production date is the basis.

Free service is provided in the case of a failure that occurs under normal use within the warranty period (12 months for product, 3 months for accessories).(Non-failure, marketing, and negligence are excluded) .
In the event of a malfunction in performance or function under normal conditions of use, important days of purchase.In this case, we will exchange or refund the product, and if more than 10 days after purchase, the product will be exchanged according to the type of consumer damage alternatively, it may be a free repair, a paid repair, or a refund after straight-line depreciation.

If it is not a malfunction of the product, a fee may be incurred when requesting service regardless of the warranty period, and consumer negligence, etc. Failure due to negligence, failure due to use of accessories not specified by our company, or other cases will be handled with a fee.

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

NOTE:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

The equipment complies with FCC Radiation exposure limit set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.