Green Lion

NOVA Smart Projector with FHD Support

SKU: GNNOVPJRTWH

Model No: GPJ4K7

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Product Overview

The Green Lion Nova Smart Projector is a versatile, portable, and powerful device designed for high-quality viewing experiences. Equipped with a built-in 3W speaker, it provides clear sound along with 720p HD resolution for sharp visuals. The projector supports seamless connectivity, including HDMI, USB, Wi-Fi, and Bluetooth 5.0, offering various options for content streaming and projection. With a 180° tilt and stand feature, it allows for flexible positioning and an adjustable viewing distance of 0.45 - 3.4 meters, supporting up to a 128" screen display. The Nova projector runs on Android 12, providing a smart interface for easy access to apps and media. It also includes an auto keystone correction feature to ensure proper image alignment, and a remote control for convenient operation. Ideal for home entertainment or professional presentations, the Green Lion Nova delivers an immersive experience with simple setup and easy portability.

Specifications

Model No.	GPJ4K7
Material	ABS, Aluminum
Input	100-240V, 50-60Hz
Power	45W
Resolution	720×1280P
Operating System	Android 12.0
CPU	Cortex A1.5 ,35GHz
Memory & Storage	1GB + 8GB
Brightness	100 ANSI Lumens
Contrast Ratio	1000:1
Screen Size	15" to 128"
Projection Distance	0.45–3.4 m

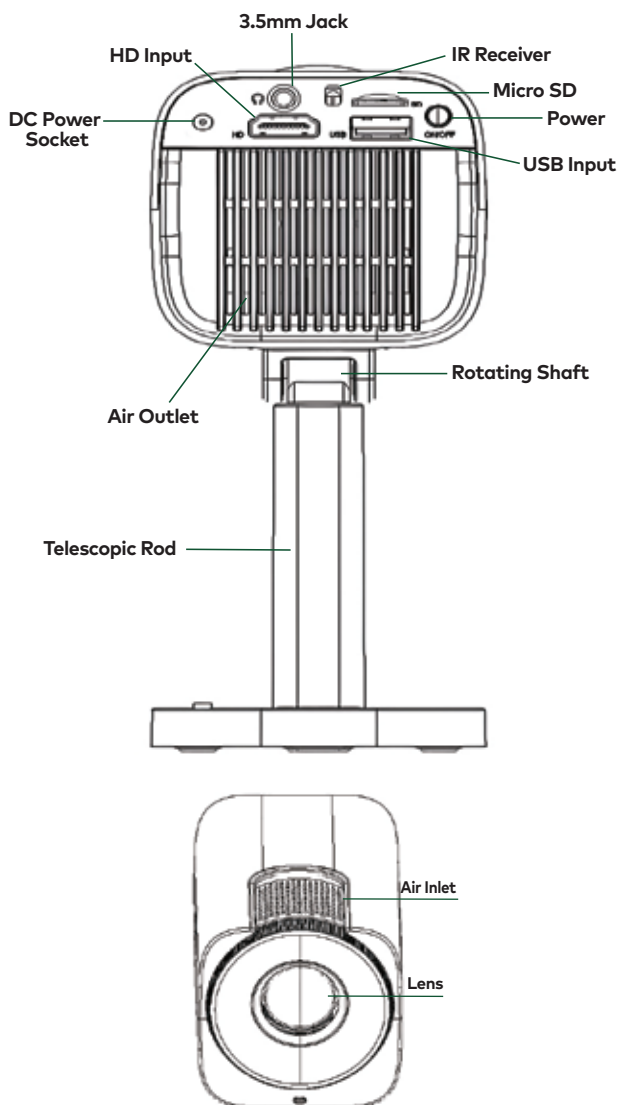|	
Aspect Ratio	16:9 Native (16:9 & 4:3 Selectable)
Interface	HDMI, USB 2.0 ,3.5mm Audio Out, Micro SD Card
WiFi	2.4GHz, 5GHz
Speaker	4Ω 3W (x1) Acoustic Horn
Power Cord	3-Pin UK Plug, 1.5 m
Product Weight	380 g
Folded Size Dimensions	72.5×154×179 mm
Unfolded Dimensions	72.5×154×240 mm

Attention

Please read this manual carefully before use and keep it for future reference.

1. The projector is not dustproof or waterproof.

2. To reduce the risk of fire and electric shock, do not expose the projector to rain or fog.

3. Please use the original power adapter. The projector should operate under the specified rated power supply.

4. When the projector is working, avoid looking directly into the lens, as the strong light may cause eye discomfort. Children should use the projector under adult supervision.

5. Do not cover the projector vents. Blocking them will reduce the projector's lifespan and may cause hazards.

6. Regularly clean the projector vents, as dust or debris may cause cooling malfunctions.

7. Do not use the projector in greasy, damp, dusty, or smoky environments. Oil or chemicals may cause malfunctions.

8. Handle the projector with care during daily use.

9. If the projector is not used for an extended period, please disconnect it from the power source.

10. Non-professionals are prohibited from dismantling, testing, or repairing the projector independently
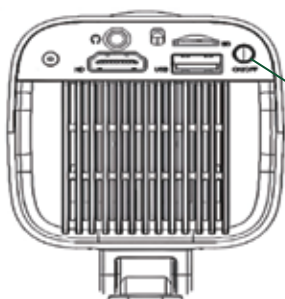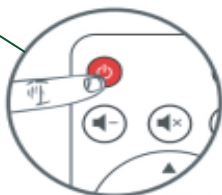
Schematic View

a. Projector Interface

3.5mm Jack

HD Input

IR Receiver

Micro SD

DC Power Socket

Power

USB Input

HD

USB

ON/OFF

Rotating Shaft

Air Outlet

Telescopic Rod

Air Inlet

Lens

b. Remote Control Button Functions

Power

Arrow

Signalsource

UP

Left

Right

Down
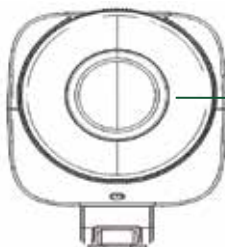
OK

Menu

Back

Home

Volume-

Mute

Volume+

Instructions for Use

ON/OFF

Focus Adjustment: When the projector is on, adjust the lens position by turning the focusing ring to achieve a clear image.

Focus Ring

User Interface Guide

The main screen of the projector features a clean and user-friendly interface. It consists of several key modules, including:

1. Core Application Module: Provides access to default applications.

2. My Applications: A dedicated section for user-specific applications.

3. Settings: Easily configurable settings for system preferences.

4. File Management: Manage and browse your files directly from the interface.

5. Signal Source: Allows you to select and manage the input signal source.

6. Shortcut Application Module: Quick access to frequently used applications.

7. Add Shortcut Application: Option to add and customize shortcut applications for easy access.

Operation Modes and Settings

To adjust the projection settings according to your application scenario, navigate to Settings > System Settings > Flip. Four projection modes are available:

1. Front Table
2. Front Ceiling
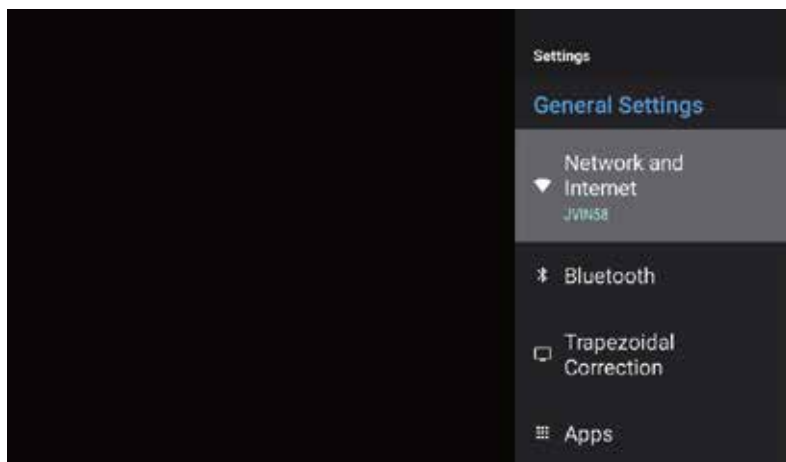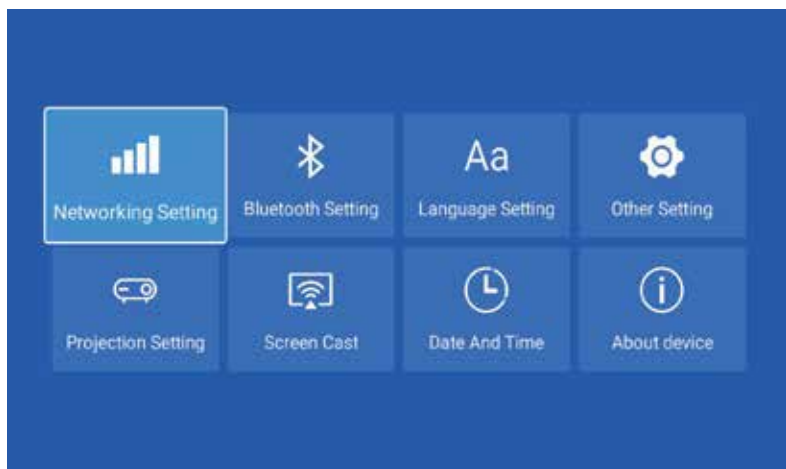**3.** Back Table
4. Back Ceiling

In these settings, you can also customize options like the screen ratio, installation mode, trapezoidal correction, global zoom, color settings, and automatic trapezoidal adjustment for optimal viewing.

Network Setting

To connect to a Wi-Fi network, open the Wi-Fi settings, select your hotspot, and enter the password to establish the connection.
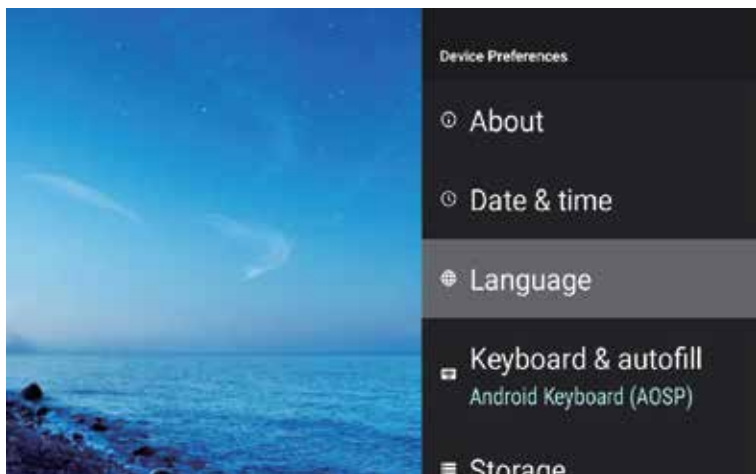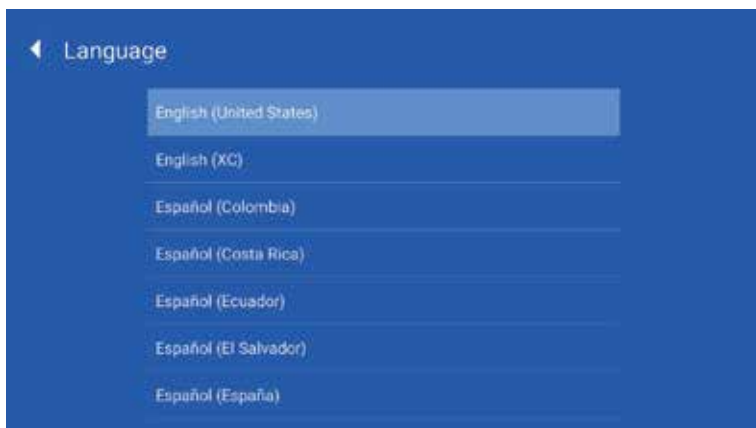
These allow you to further personalize and configure the device according to your needs.

Language Settings

To change the display language on your device, follow these steps:

1. Go to Settings >System Settings > OSD Lang.

2. Select the desired language from the list.

3. Note that the language display interface may vary, so refer to the actual display on your device for options.
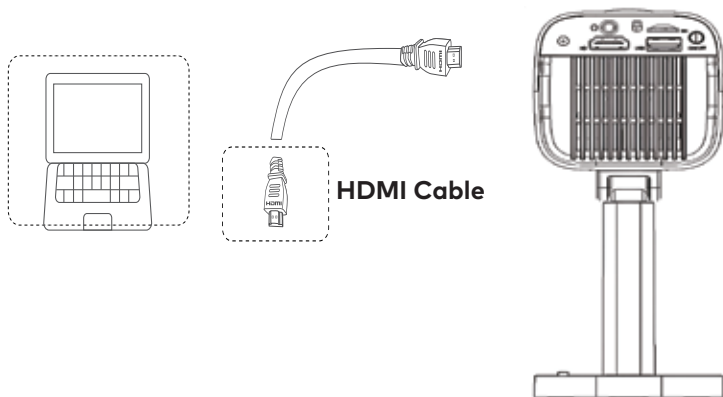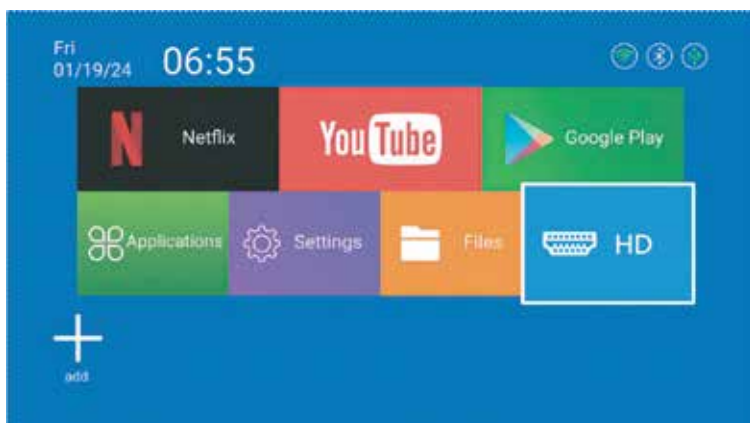
Media Player Guide

To use the media player, insert the USB drive into the device and click on the "File" icon on the home page. Please note that videos, music, and photos stored in the USB flash drive will be organized into their respective directories—movies, music, and photos. If a USB flash drive is not inserted, clicking the icon in the upper-right corner will not respond.

HDMI Connection Guide

1. Connect the projector to an external device using an HDMI cable.

2. Turn on the projector.

3. On the homepage, select the "HD" option.

4. The signal from the connected device will be displayed on the projector.

HDMI Cable

Pairing Instructions

1. To Connect:

a. Power on the GPJ4K7 device. Enable Bluetooth on your mobile device by navigating to the Bluetooth settings and toggling the Bluetooth option to "on."
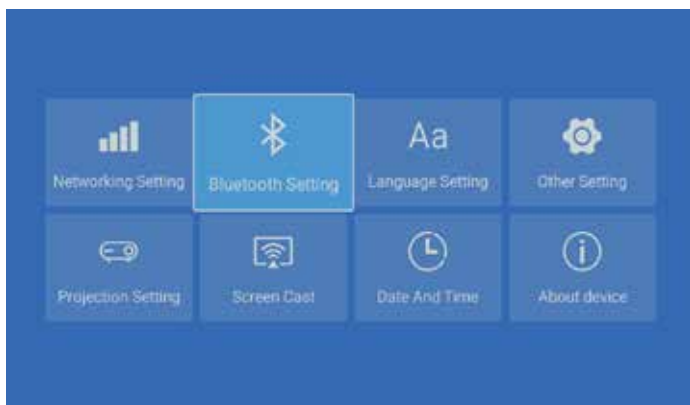
b. Search for the device named "GPJ4K7" in the list of available Bluetooth connections. Once it appears, tap on it to initiate the pairing process.

c. Pair with the device by confirming the connection when prompted on your mobile device.

2. To Disconnect:

a. Go to your Bluetooth settings list and select the paired **GPJ4K7** device.

b. Tap on the device name and choose the option to unpair or disconnect from the device.

Note: Bluetooth can only be used to connect to Bluetooth speakers and headphones.

Wireless Setup

a. iOS Wireless Setup

1. Connect both your projector and phone to the same Wi-Fi network.

2. Open the control center on your phone and tap the screen mirroring button.

3. Select the device name from the list to start screen sharing.

b. **Android Wireless Setup**

1. Scan the QR code displayed on the screen using your Android device to download the latest version of the "Quick Share" client app.

2. Once connected to the same local network, open the client software and click the "Search" button in the bottom-right corner. The app will automatically search for the receiver on the same local network. Select the device you wish to connect to.

3. After the connection is established, you can stream audio, video, pictures, and music to the larger screen. Use the remote control to navigate and click "Start Screen Projection" to begin mirroring the screen.

Miracast Screen Projection
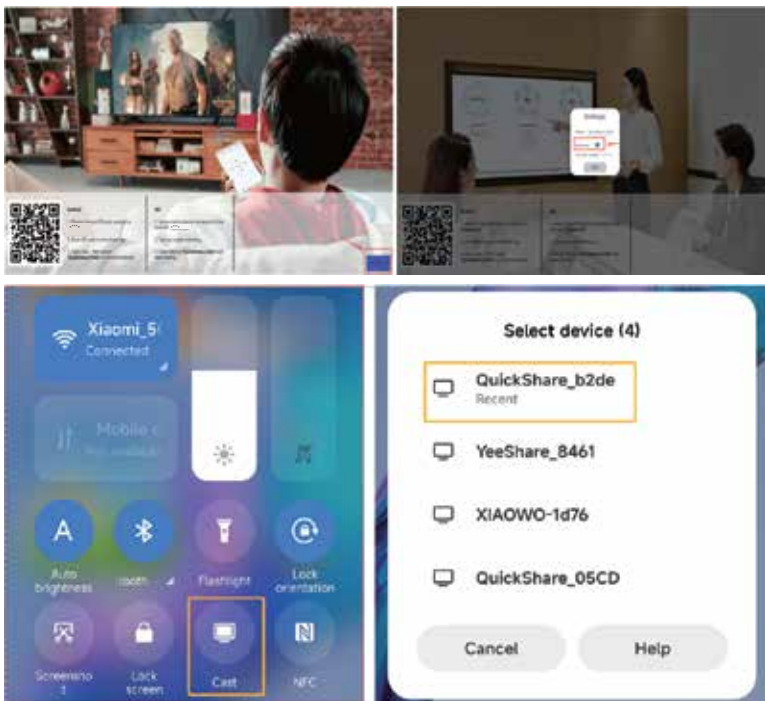
1. Activate Miracast

a. Click on the "Open Quick Share" icon to access the settings menu located in the lower right corner.

b. Once in the settings page, click on the "Open Miracast" button to begin the projection. Miracast will start successfully as shown in the image below.

2. Search and Connect to a Device

a. On your mobile phone, open the screen projection feature and search for nearby devices.

b. Select the name of the large-screen device you wish to connect to and start projecting the screen onto it.

◗ Wired Screen Setup

1. To Achieve Wired Screen Mirroring

Select the "Wired Screen" option from the main interface, then follow these steps:
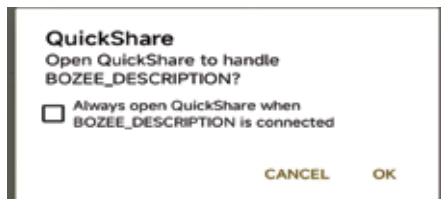
1.1 Android Devices:

Scan the QR code displayed on the projector to download the latest version of the "Quick Share" client app.

1.2 Connect the Devices:

Connect the projector and the mobile phone using a data cable. The mobile phone will display a prompt asking:

"Do you want to open USB Display to process [Device Name]?" Click "OK" to start the wired screen projection.
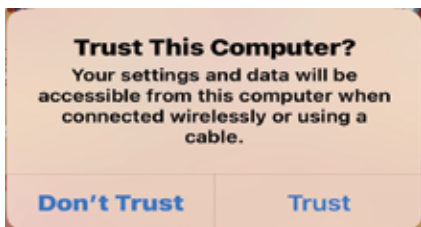

2. Wired Screen Mirroring for iOS Devices

Connect your iPhone to the projector using a USB cable. The screen will be projected automatically (no app download required).
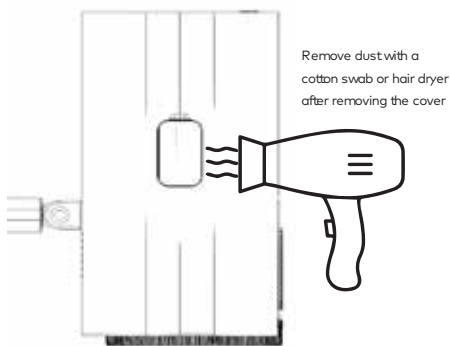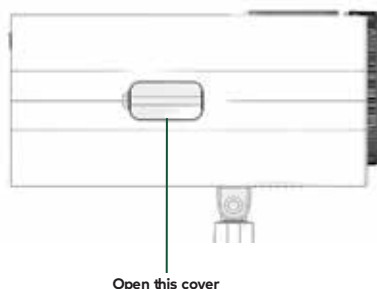
Tap Trust on the pop-up window, and the phone will enter wired screen projection mode.

This text keeps it clear and simple for users to follow, ensuring they can set up the projector without confusion.

Cleaning and Maintenance

1. Power Off the Projector: Ensure the projector is turned off and unplugged before cleaning.

2. Cleaning the Exterior: Use a soft, dry cloth to wipe the surface of the projector. Avoid using harsh chemicals or abrasive materials that could damage the surface.

3. Dust Removal: Open the cover and remove any dust inside using a cotton swab or hair dryer. Ensure no dust settles on the lens or internal components.

4. Lens Cleaning: Gently clean the lens using a lens cloth to avoid scratches or damage.

5. Storage: When not in use, store the projector in a cool, dry place to prevent dust build-up and damage.

Remove dust with a cotton swab or hair dryer after removing the cover

Open this cover

Safety Instructions

a. Please read and pay attention to important information related to the operation and maintenance of the projector to prevent potential issues. Adhering to these safety instructions will prolong the life of the projector.

b. For installation and repair services, always consult qualified personnel and avoid using damaged cables, accessories, or peripherals.

c. Keep the projector away from flammable, explosive materials, and sources of strong electromagnetic interference (such as radar stations, power stations, substations, etc.), as well as strong ambient light (avoid direct sunlight).

d. Do not block the projector vents.

e. Use only the original power adapter.

f. Ensure proper ventilation and avoid covering the vents to prevent overheating.

g. While the projector is in operation, do not look directly into the lens, as the intense light may cause eye strain or discomfort.

h. Do not bend, drag, or place heavy objects on the power cord.

i. Do not place the power cord under the projector or under any heavy objects.

j. Avoid covering the power cord with soft materials.

k. Do not subject the power cord to excessive heat.

l. Never touch the power adapter with wet hands.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.

▌Warranty

Products that you buy directly from our **Green Lion** website or shop come with a 24-month warranty.

When you buy **Green Lion** products from any of our approved sellers, you only get a 12-month warranty. If you want to extend this warranty, go to our website at **https://www.greenlion.net/warranty** and fill out the form with your information. Don't forget to upload a picture of the product too. After we've checked and accepted your request, we'll send you an email to confirm that your product's warranty has been extended.

For more info, please check:
https://www.greenlion.net/warranty

▌Contact Us

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