NEBULA

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+81 03 4455 7823 (日本) 月 - 金 9:00-17:00

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Nebula Prizm II
User Manual

Table of Content

Important Safety Instructions

Read and understand all instructions before you use this device. Do not change any settings that are not described in this manual. If physical injury, loss of data, or damage is caused by failure to follow instructions, the warranty does not apply.

Setup

- To reduce the risk of fire and/or electric shock, do not expose the device to rain or moisture, or objects filled with liquids, such as vases, should not be placed on the device.

- Do not place the device in areas susceptible to excessive dust and dirt or near any appliance generating a strong magnetic field.

- To prevent overheating, do not block or clog the ventilation openings.

- Never place the device in a confined space. Always leave enough space around the device for ventilation.

- Protect the device against direct sunlight, heat, large temperature fluctuations, and moisture.

- When the device runs for a long period of time and the surface becomes hot, shut it down and unplug the power cord. Resume operation only after the device has cooled.

- Always handle the device with care. Avoid touching the lens.

- Never place heavy or sharp objects on the device or the power cord.

- To avoid electric shock, do not disassemble.

- Only use attachments or accessories specified by the manufacturer.

- Avoid extreme vibration. It may damage the internal components.

- Do not allow children to handle the device without supervision.

- Under the following conditions, a layer of moisture can appear inside the device which can lead to malfunctions: a) if the device is moved from a cold to a warm area; b) after a cold room is heated; c) when the device is placed in a damp room. To avoid any moisture, seal the device in a plastic bag before moving it to another room, and wait for one to two hours before you take it out of the bag.

Power Supply

- Power off the device before removing the power supply from the socket.

- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from this device.

- Unplug this device if there are lightning storms or when unused for a long period of time.

- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

- Before you make or change any connections, ensure that all devices are disconnected from the power outlet.

- Never touch the power cable or the power connection with wet hands.

Hearing Safety

- To avoid hearing damage, do not listen for extended periods at high volume. Set the volume at a safe level.

Cleaning

- Power off the device and remove it from the power supply before cleaning the surface.

- Use a soft, lint-free cloth. Never use liquid, gaseous, or easily flammable cleansers (like sprays, abrasives, polishes, and alcohol).

- Do not use any liquid cleaning agents to clean the lens as they may damage the protective coating on the lens.
- Wipe the surfaces gently. Be careful that you do not scratch the surfaces.
- Use lens cleaning paper to clean the lens of this projector.

Repairs

- Do not make any repairs to the device yourself. Only have your device repaired by an authorized service center.
- Improper maintenance can result in injuries or damage to the device.
- Refer all servicing to qualified service personnel.

Class II equipment symbol

□

This symbol indicates that the unit has a double insulation system.

Laser Safety
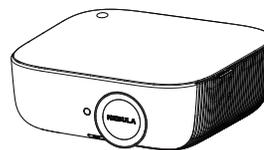
CLASS 1
LASER PRODUCT
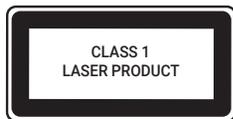
IEC 60825-1:2014. Complies with IEC 62471:2006 Risk Group 2.

Caution

- Possibly hazardous optical radiation emitted from this device.
- Do not stare at the operating beam. The bright light may hurt your eyes.

What's Included

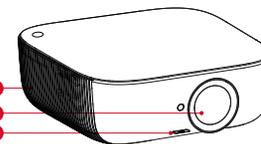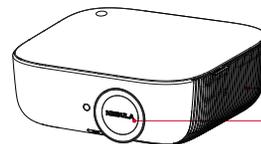Main unit

Remote control with batteries
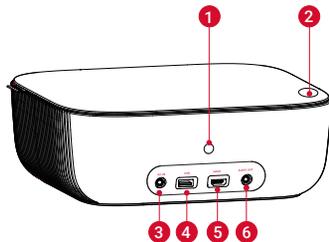

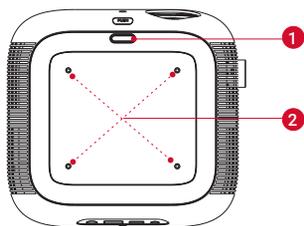Power cord   Power adapter   Manual

Overview

1. Front View

1 Speaker / Air ventilation (inlet)
2 Lens cover
3 Air ventilation (outlet)

4 Lens
　　• Rotate to adjust focus
5 PUSH button

Rear View

① IR receiver

② Power button

③ AC-IN
- Connect to power supply

④ USB
- Connect to a USB storage device

⑤ HDMI
- Connect to a playback device with HDMI output

⑥ AUDIO OUT
- Connect to headphone or external speaker

2. Bottom View

① Flip stand slot

② Mounting slot

Remote Control

①
- Power on / off

②
- Press to confirm a selection or entry
- Pause / resume during play

③
- Press to display the keystone correction values.

④
- Press to access the home menu

⑤ ∧ / ∨ / ⟨ / ⟩ Navigation buttons
- Navigate menus or adjust the selected contents

⑥
- Return to a previous menu

⑦ ＋ / －
- Volume up / down

Getting Started

1. Placement

Place Nebula Prizm II on a flat, stable foundation squarely in front of the projection surface. For best results, the projection surface shall be white and flat. The distance between this projector and the projection surface must be a minimum of 1 meter (39.4 inches) and a maximum of 3 meters (118 inches).
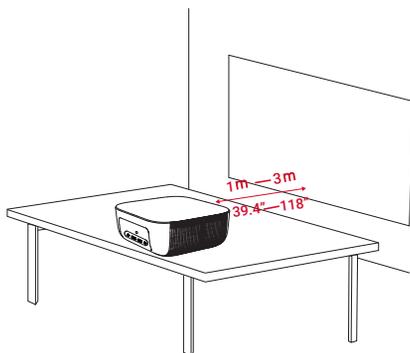
The Nebula Prizm II comes with a flip stand. To use the flip stand:

① Press the ⌒PUSH⌒ button.

➢ The flip stand pops out.
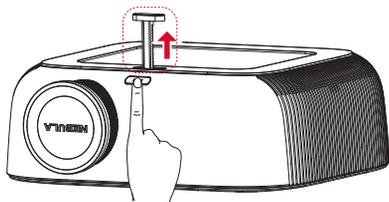
② After use, press the ⌒PUSH⌒ button again, and simultaneously hold the stand to push it back to the slot.

Note: You can also install your projector in the following ways: from the rear, front ceiling and rear ceiling. Make sure you select the correct **Projection Mode** option in this projector's menu settings.

2. Select Projection Distance

The distance between this projector and the projection surface determines the approximate size of the image. Use the table below to determine approximately how far to place this projector from the screen based on the size of the projected image.

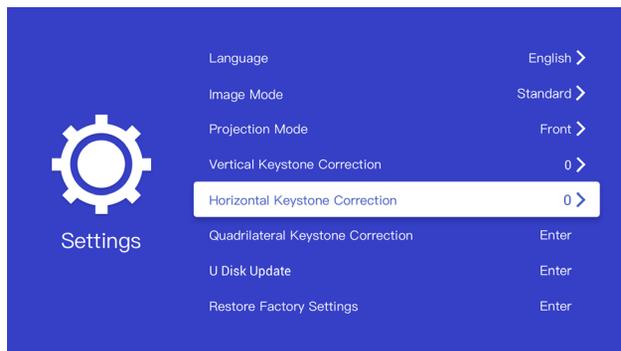| Screen size (length × width)	Projection distance (m)
50 inches (110 cm × 62 cm)	1.5 m
55 inches (122 cm × 68 cm)	1.63 m
80 inches (177 cm × 100 cm)	2.33 m
100 inches (221 cm × 124 cm)	2.88 m
120 inches (266 cm × 150 cm)	3.43 m

3. Correct Keystone

It is unnecessary to tilt this projector towards the projection surface. To correct the keystone:

① Press ⌂ on the remote control to access the home menu, select **[Settings]** and press ⊙.

The Settings menu will show as below.

Settings		
Language	English ❯	
Image Mode	Standard ❯	
Projection Mode	Front ❯	
Vertical Keystone Correction	0 ❯	
Horizontal Keystone Correction	0 ❯	
Quadrilateral Keystone Correction	Enter	
U Disk Update	Enter	
Restore Factory Settings	Enter	

② Manually adjust the keystone values in this projector's menu settings.

4. Prepare the Remote Control

The remote control comes with two AAA batteries.

① For first-time use, remove the battery insulation tab to activate the remote control batteries.

② To replace the batteries, slide to open the battery compartment, insert new batteries (matching the polarity (+/-) indicated), and close the battery compartment.

5. Power On

① Connect this projector to the outlet by using the provided power cord and adapter.

AC-IN
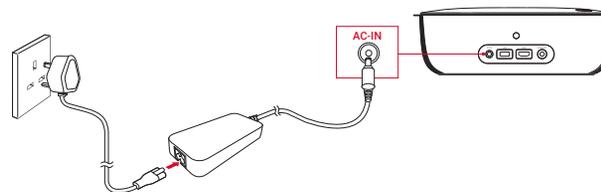
② Remove the lens cover.

③ Press the power button on the front panel or ⏻ on the remote control once.

④ Turn this projector towards a flat, white projection surface.

⑤ To focus the image, rotate the lens.

6. Settings

Go through the setup process when you turn on this projector for the first time.

Press ⌂ on the remote control to access the home menu, select **[Settings]** and press ⊙.

[Language]	Select an on-screen language.
[Image Mode]	**[Standard]** / **[Bright]**

[Projection Mode]	[Front]: The device is located in front of the projection surface.
	[Rear]: The device is located behind the projection surface.
	[Front Ceiling]: The device is hanging from the ceiling in an upside down position. The image is rotated by 180 degrees.
	[Rear Ceiling]: The device is hanging from the ceiling in an upside down position behind the projection surface. The image is rotated by 180 degrees and horizontally mirrored.
[Vertical Keystone Correction]	Manual vertical keystone correction. The default value is 0.
[Horizontal Keystone Correction]	Manual horizontal keystone correction. The default value is 0.
[Quadrilateral Keystone Correction]	Manual quadrilateral keystone correction. The default value is 0.
[U Disk Update]	Press Enter to upgrade the firmware version.
[Restore Factory Settings]	Reset all the settings. Press Enter to restore to default settings.

Using the Nebula Prizm II

1. Play from HDMI Playback Devices

This projector can be connected to various HDMI playback devices such as a TV box, TV stick, DVD player, set-top box (STB), gaming console or other devices.

To play from HDMI playback devices:

① Connect this projector to an HDMI playback device with an HDMI cable (not included).

② It will automatically start the HDMI playback when connected to an HDMI playback device for the first time.

HDMI
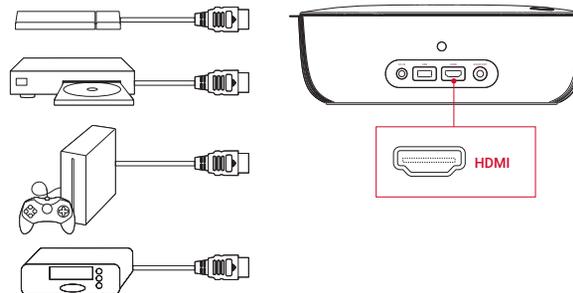
2. Play from a USB Drive

With this projector, you can enjoy music, video, and pictures that are stored on a USB drive.

To play from a USB drive:

① Insert a USB drive into the USB socket.

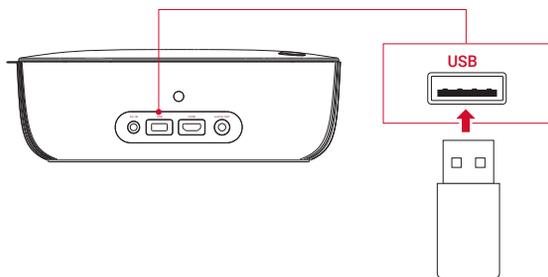② Press ⌂ to access the home menu, select **[File Manager]** and press ○.

③ Select a file, then press ○.

➢ This projector will play the video or music, or display the photo you selected.

④ To stop play, press ○.

USB

3. Play from External Devices

This projector can also be connected to external devices, including headphones and speakers.

When connected to external speakers, the built-in speaker system is disabled.

To play from external devices:

① Use a 3.5mm audio cable or an adapter (not provided) to connect your headphones or external speakers.

② Connect the other end of the cable to the AUDIO OUT port on this projector.
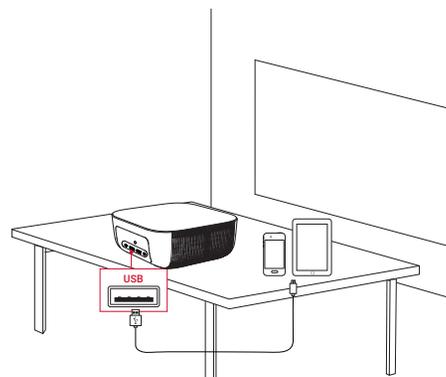
➢ You will hear audio from external devices.

Note: Before connecting headphones, turn down the volume to avoid straining your ears.

4. Use Screen Mirroring

You can mirror the screen of your smartphone or tablet onto the projection surface.

① Connect your smartphone or tablet to this projector by using a USB cable (not included).

USB

② Press 〈〉 to access the home menu, select **[Wire Cast]** and press 〇 .

Wire Cast

Screencast supports iOS devices by connecting the device via lightning cable.

⚠ **NOTE: Copyrighted content CAN NOT be mirrored or screencasted.**

③ Click "Trust this computer" on your device.

➢ This projector will mirror the screen of the connected mobile phone or tablet.

5. Charge Your Devices

This projector can also be used to charge your USB devices.

USB
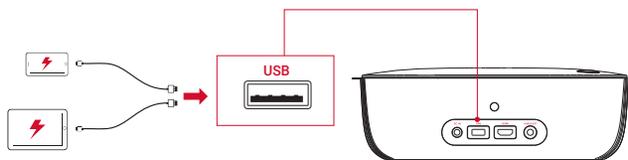
Upgrading the Firmware

To upgrade the firmware:
① Download the firmware upgrade software with a USB drive from the Nebula website: SeeNebula.com.
② Insert the USB drive into this projector's USB port.

③ Press 〈〉 to access the home menu, select **[Settings]** > **[U Disk Update]**.
④ Press **[Enter]**.

➢ The firmware upgrade will automatically begin. Follow the on-screen instructions to complete the process.

Specifications

📄 Specifications and design are subject to change without notice.

Power supply: AC 110~240V

Power consumption: < 125 W

Display technology: 5 inch LCD 1920 × 1080P

Light source: RGB LED

Projection image size: 40 - 120 inch

Resolution: 1920 x 1080P

Brightness: 200 ANSI / 1000 lumens

Contrast ratio: 1500 : 1

Throw ratio: 1.4

Throw distance: 1m to 3m

Speaker drivers: 5W

Remote control batteries: 2 AAA batteries

Recommended operating temperature: -10°C to 35°C / 14°F to 95°F

Relative humidity: 15% ~ 85% (non-condensing)

Storage temperature and humidity: -20°C/-4°F ~ 65°C / 149°F, < 90% humidity

Dimensions (W x H x D): 279 x 265 x 97 mm

Weight: 2420 g

Troubleshooting

① Cannot turn on projector with the remote control?
- Make sure that this projector is connected to the power supply.

② The remote control doesn't work?
- Make sure the battery is already installed in the remote control.
- Replace the batteries.

③ Blurred image?
- Press ⌂ on the remote control to access the home menu, select **[Settings]** > **[Vertical Keystone Correction]** / **[Horizontal Keystone Correction]** / **[Quadrilateral Keystone Correction]** to adjust the keystone value.

④ Reversed projection image?
- Press ⌂ to access the home menu, select **[Settings]** > **[Projection Mode]** and switch to a correct state.

⑤ Repeatedly reboot?
- Go to **[Settings]** > **[U Disk Update]** to upgrade the firmware and reboot your projector again.

Notice

This product complies with the requirements of the European Community

This product can be used across EU member states.

The following importer is the responsible party (contact for EU matters only)

Importer:Anker Technology (UK) Ltd

Importer Address:Suite B, Fairgate House, 205 Kings Road, Tyseley, Birmingham, B11 2AA, United Kingdom

This product is designed and manufactured with high quality materials and components, which can be recycled and reused.

This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

FCC Notice

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 instruction manual, 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 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.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

The following importer is the responsible party.

Company Name: Fantasia Trading LLC

Address: 9155 Archibald Avenue, Suite 202, Rancho Cucamonga, CA, 91730, US

Telephone: +1 (909) 484 1530

Trademarks

HDMI, and HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC in the United States and other countries.

Warranty

30-Day Money-Back Guarantee for Any Reason

You may return your undamaged product and packaging within 30 days of purchase to receive a FULL REFUND for any reason. If the reason for return isn't quality-related, the customer must pay for the return shipping.

12-Month Warranty for Quality-Related Issues

Nebula's products are warrantied to be free from material and workmanship defects for 12 months from the date of purchase. Within this period, Nebula will provide a replacement and cover any return shipping costs for products that fail in normal use.

Please Note: Any provided shipping labels must be used within 20 days from the date they're issued by Nebula Support.

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