

[Manuals.plus](#) /

› [RayNeo](#) /

› RayNeo HDMI Adapter (Model XRAC-ADA01OS) User Manual

RayNeo XRAC-ADA01OS

RayNeo HDMI Adapter User Manual

Model: XRAC-ADA01OS

INTRODUCTION

The RayNeo HDMI Adapter (Model XRAC-ADA01OS) is designed to connect various HDMI-enabled devices and iPhones (up to iPhone 14) to RayNeo AR glasses, including the Air 3s, Air 2s, and Air 2 models. This adapter facilitates video output at resolutions up to 4K@30Hz or 1080P@120Hz, while also providing simultaneous charging capabilities. This manual provides instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your adapter.

WHAT'S IN THE BOX

Please verify that all items listed below are present in your package:

- RayNeo HDMI to Glasses and Charging Adapter x 1
- Lightning to C Adapter (MFI Certified) x 1
- HDMI Extension Cable x 1
- Silicone Rubber Cap x 3
- User Manual x 1

In the Box

Silicone Rubber Cap x 3

RayNeo HDMI to Glasses and Charging Adapter x 1

Lightning to C Adapter (MFI Certified) x 1

HDMI Extension Cable x 1

User Manual x 1



This image displays all items included in the RayNeo HDMI Adapter package: the adapter unit, three silicone rubber caps, a Lightning to USB-C adapter, an HDMI extension cable, and the user manual.

PRODUCT OVERVIEW

The RayNeo HDMI Adapter is designed for portability and durability. It features a compact form factor with dimensions of approximately 70mm (0.22 ft) in height and 55mm (0.18 ft) in width. The adapter incorporates features for efficient heat dissipation and anti-scratching properties, ensuring reliable performance during extended use.

Mini yet Mighty



This image illustrates the compact design of the RayNeo HDMI Adapter, showing its dimensions (70mm/0.22 ft height, 55mm/0.18 ft width) alongside a smartphone, emphasizing its portability and features like safe heat dissipation and anti-scratching.

SETUP INSTRUCTIONS

The RayNeo HDMI Adapter offers a plug-and-play experience, requiring no additional software installations or complex configurations.

- 1. Connect to RayNeo AR Glasses:** Plug the USB-C connector of the adapter into your RayNeo Air 3s, Air 2s, or Air 2 AR glasses.
- 2. Connect to Source Device:**
 - For HDMI devices (e.g., game consoles, laptops): Use the provided HDMI extension cable to connect the adapter's HDMI port to your source device's HDMI output.
 - For iPhone (up to iPhone 14) and other Lightning devices: Connect the Lightning to C Adapter (MFI Certified) to your iPhone, then connect the adapter's USB-C input to the Lightning to C Adapter. *Note: An Apple Digital AV Adapter (sold separately) may be required for some Lightning devices.*
- 3. Power Connection (Optional, for charging):** Connect a USB-C power source (e.g., power bank, wall adapter) to the adapter's power input port to enable simultaneous charging of your AR glasses and source device.
- 4. Adjust AR Glasses:** Ensure your RayNeo AR glasses are properly adjusted for the best viewing angle.

Your browser does not support the video tag.

This video provides a step-by-step guide on how to connect and use the RayNeo HDMI Adapter with your devices and RayNeo AR glasses, demonstrating the setup process for optimal performance.

Charging while Playing

Farewell to battery anxiety! Just need a power bank or socket nearby



This image illustrates the connection process for the RayNeo HDMI Adapter, showing how to connect it to RayNeo AR glasses, a source device (like a phone or game console), and an optional power source for charging.

OPERATING INSTRUCTIONS

Once connected, the RayNeo HDMI Adapter will automatically project the display from your source device onto your RayNeo AR glasses. The adapter supports a large virtual display experience, projecting content onto a 201-inch equivalent screen for an immersive viewing experience.

Gaming with RayNeo AR Glasses

The adapter is ideal for connecting gaming consoles to your AR glasses, providing a personal and expansive gaming display.

Your browser does not support the video tag.

Watch this video to see how to connect your PlayStation 5 console to RayNeo Air 3s AR glasses using the RayNeo HDMI Adapter, showcasing the immersive gaming experience.

Your browser does not support the video tag.

This video illustrates the connection of a Nintendo Switch to RayNeo Air 3s AR glasses via the RayNeo HDMI Adapter, demonstrating portable gaming on a large virtual screen.

COMPATIBILITY

The RayNeo HDMI Adapter is designed for wide compatibility with various devices and RayNeo AR glasses:

- **RayNeo AR Glasses:** RayNeo Air 3s, RayNeo Air 2s, RayNeo Air 2.
- **HDMI Devices:** Gaming Consoles (e.g., Xbox, PlayStation 4/5, Nintendo Switch, Steam Deck), Laptops, and other devices with HDMI output.
- **Lightning Devices:** iPhones (up to iPhone 14) and other devices with a Lightning port. *Note: An Apple Digital AV Adapter (sold separately) is required for Lightning devices.*

The adapter supports video output at 4K@30Hz, 2K@30Hz, and 1080P@120Hz. It does not support HDR10 and is not compatible with Air 4 Pro glasses.

One that Nails All

From game consoles, PCs to iPhone 14 and earlier models, all are compatible



A detailed diagram showcasing the RayNeo HDMI Adapter's extensive compatibility, connecting to various game consoles (PlayStation, Xbox, Nintendo Switch, Steam Deck), monitors, phones/tablets (including iPhone 14 and earlier models), and RayNeo Air 3s, Air 2s, and Air 2 AR glasses. Note: Lightning devices require an Apple Digital AV Adapter (sold separately).

CHARGING

The RayNeo HDMI Adapter features a built-in battery and supports simultaneous charging. This allows you to power your connected AR glasses and source device (e.g., iPhone, game console) while actively using the adapter, ensuring uninterrupted entertainment or productivity.



This image demonstrates the RayNeo HDMI Adapter's 'Charge and Play' feature, showing it connected to RayNeo AR glasses and a power bank, allowing users to power their devices while actively using the adapter.

MAINTENANCE

To ensure the longevity and optimal performance of your RayNeo HDMI Adapter, follow these maintenance guidelines:

- Keep the adapter clean by wiping it with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid exposing the adapter to water or excessive moisture.
- Handle the adapter and its connectors with care to prevent physical damage.

TROUBLESHOOTING

If you encounter issues with your RayNeo HDMI Adapter, please refer to the following common troubleshooting steps:

- **No Display on AR Glasses:**
 - Ensure all cables are securely connected to the adapter, AR glasses, and source device.
 - Verify that the source device is powered on and outputting a signal.

- Check the compatibility of your source device and AR glasses with the adapter (refer to the Compatibility section).
 - If using an iPhone/Lightning device, confirm that an Apple Digital AV Adapter is correctly connected and functioning.
- **Intermittent Connection:**
 - Ensure cables are not bent or damaged. Try using different cables if available.
 - Avoid placing the adapter near strong electromagnetic interference.
 - **Charging Issues:**
 - Confirm that the power source is functional and providing sufficient power.
 - Check the USB-C power cable for damage.
 - **Poor Video Quality:**
 - Ensure your source device is configured to output at a resolution and refresh rate supported by the adapter (e.g., 4K@30Hz, 1080P@120Hz).
 - Verify that the AR glasses are clean and properly adjusted.

If problems persist after following these steps, please contact RayNeo customer support.

SPECIFICATIONS

Feature	Detail
Brand	RayNeo
Model Number	XRAC-ADA01OS
Compatible Devices	Gaming Console, Laptop, iPhone (up to 14), RayNeo Air 3s/Air 2s/Air 2 AR Glasses
Connector Type	HDMI, Lightning (via adapter)
Video Output	4K@30Hz, 2K@30Hz, 1080P@120Hz
Simultaneous Charging	Yes
Item Weight	0.17 Pounds
Number of Ports	2 (HDMI input, USB-C output to glasses, USB-C for power)
Color	Grey

WARRANTY AND SUPPORT

The RayNeo HDMI Adapter (Model XRAC-ADA01OS) is covered by a **1-Year Manufacturer Warranty** provided by RayNeo Co., Ltd. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical assistance, or further inquiries, please refer to the contact information provided on the official RayNeo website or the product packaging. Please retain your proof of purchase for warranty validation.