

NEBULA D2423

NEBULA by Anker Capsule Max Mini Projector Instruction Manual

Model: D2423

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your NEBULA by Anker Capsule Max Mini Projector. Please read it thoroughly before using the device to ensure optimal performance and longevity.



Image 1.1: NEBULA by Anker Capsule Max Mini Projector. This image displays the compact, cylindrical black projector with its lens visible on the front, highlighting its portable design.

2. WHAT'S IN THE BOX

Upon unboxing, ensure all the following items are present:

- NEBULA Capsule Max Mini Projector
- Remote Control
- Quick Start Guide
- DC-in Charger (15V/3A)

3. PRODUCT OVERVIEW

3.1 Device Layout

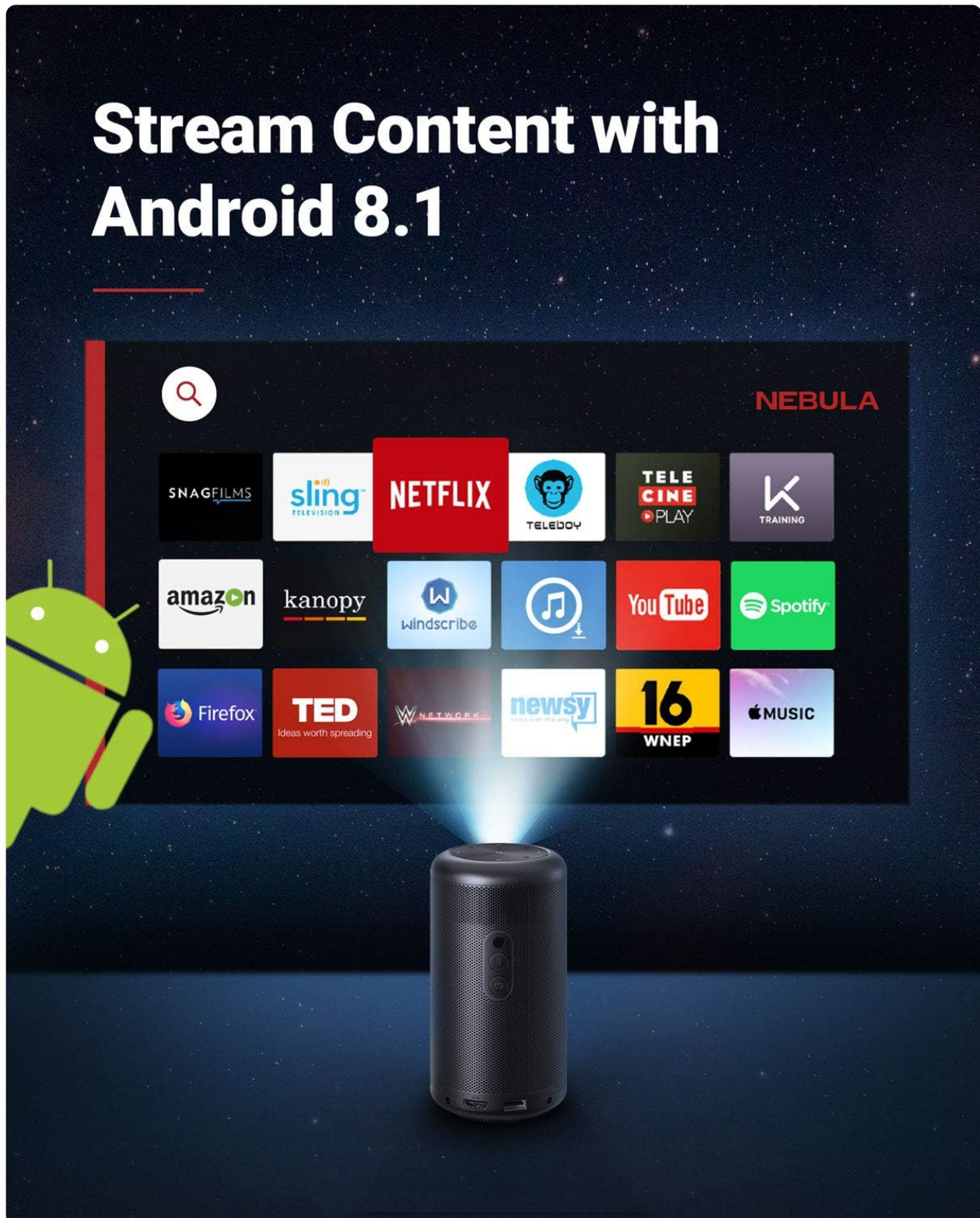


Image 3.1: Rear view of the NEBULA Capsule Max showing the input/output ports. From left to right, the ports include AUX, HDMI, USB Type-A, and DC-in.

- **Front:** Projection Lens, Autofocus Sensor
- **Top:** Touch Buttons (D-pad, Volume \pm , Back)
- **Rear:** AUX Out, HDMI Input, USB Type-A Port, DC-in Port
- **Bottom:** Tripod Mount Thread

4. SETUP

4.1 Powering On/Off

1. To power on, press and hold the Power button on the device or remote control.
2. To power off, press and hold the Power button again.

4.2 Charging

Connect the provided DC-in charger (15V/3A) to the DC-in port on the projector. The device supports approximately 4 hours of local video playtime on a full charge, with a charging time of 2.5 hours.

4.3 Initial Setup

The Capsule Max runs on Android 8.1 with Nebula UI. Follow the on-screen instructions for initial setup, including language selection and network connection.

4.4 Network Connection

Navigate to **Settings > Network** to connect to a Wi-Fi network. The device supports 802.11b/g/n/ac dual frequency (2.4/5GHz).

4.5 Bluetooth Connection

For connecting external Bluetooth devices, go to **Settings > Bluetooth**. The projector supports BT4.2 Dual Mode/A2DP.

5. OPERATING THE PROJECTOR

5.1 Navigation and Control

- **Physical/Touch Buttons:** Use the D-pad, Volume \pm , and Back buttons on the device for basic navigation.
- **IR Remote:** The included remote control offers Power, D-pad, Volume \pm , Mouse Mode, Home, Back, and Menu (for autofocus) functions.
- **Bluetooth Remote App:** Download the 'Nebula Connect' app for Android and iOS devices for enhanced control, especially for apps like Netflix.

5.2 Image Adjustment

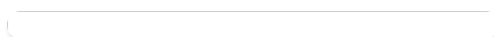


Image 5.1: Diagram illustrating optimal projection distances for various screen sizes (40, 80, 100 inches) with the NEBULA Capsule Max.

- **Autofocus:** The projector features 1-second autofocus. You can also trigger it by slightly moving the device or long-pressing the 'Menu' button on the remote.
- **Keystone Correction:** Automatic vertical keystone correction ($\pm 40^\circ$) is available. Manual horizontal ($\pm 40^\circ$) and quadrilateral keystone correction can be adjusted via **Settings > Projector**.

- **Image Mode:** Select between 'Auto', 'Standard Mode' (for maximum brightness), and 'Battery Mode' (for extended battery life) in **Settings > Projector > Image Mode**
- **Projection Mode:** Adjust the projection orientation (Front, Rear, Front Ceiling, Rear Ceiling) based on your setup in **Settings > Projector > Projection Mode**

5.3 Content Playback

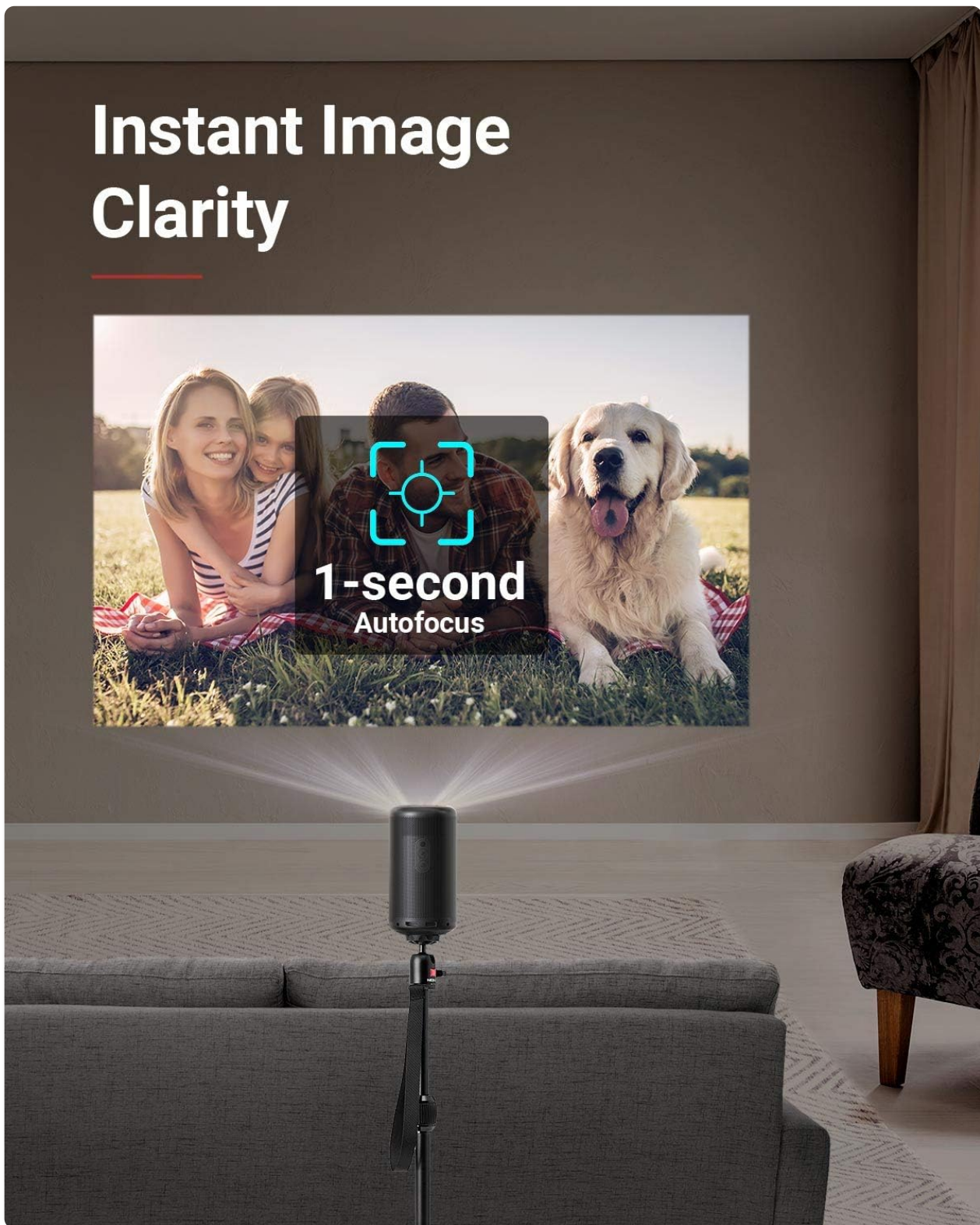


Image 5.2: The Android 8.1 user interface of the NEBULA Capsule Max, displaying various streaming app icons like Amazon, YouTube, and Netflix.

- **Built-in Apps:** The projector comes with Android 8.1 and Nebula UI, allowing you to download and stream apps like YouTube, Netflix, and Amazon from the Nebula Manager Store.

- **Important Note on Copyrighted Content:** Copyrighted content from services like Netflix cannot be mirrored or screencast. Download and use the apps directly through the Capsule Max to view such content. Chromecast is not supported.
- **HDMI Input:** Connect external devices such as gaming consoles, Blu-ray players, or other media players via the HDMI 1.4 input (supports up to 1080p).
- **USB Playback:** Insert USB flash drives into the USB Type-A port to play local video and audio files.
- **Audio Output:** The projector features an 8W speaker. For external audio, use the AUX Out port to connect to a sound system.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Capsule Max, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the projector. Avoid using liquid cleaners or abrasive materials.
- **Lens Care:** Gently clean the projection lens with a lens cleaning cloth. Do not touch the lens directly with your fingers.
- **Firmware Updates:** For peak performance and access to the latest features, regularly check for and install firmware updates via the device's settings.
- **Storage:** When not in use, store the projector in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter any issues with your Capsule Max, refer to the following common solutions:

- **No Image/Poor Image Quality:**
 - Ensure the projector is powered on and fully charged or connected to power.
 - Adjust focus using the autofocus feature or manually.
 - Check keystone correction settings if the image is distorted.
 - Ensure the projection surface is suitable and the room lighting is appropriate (ideal in low-light environments).
- **No Sound:**
 - Check the volume level on the projector and any connected external audio devices.
 - If using external speakers, ensure they are correctly connected via AUX or Bluetooth.
- **Cannot Connect to Wi-Fi/Bluetooth:**
 - Restart the projector and your router/Bluetooth device.
 - Ensure the Wi-Fi password is correct.
 - Keep the projector within range of the Wi-Fi router or Bluetooth device.
- **App Issues (e.g., Netflix not playing):**
 - Ensure the app is updated to the latest version.
 - Remember that copyrighted content from certain services cannot be mirrored; use the apps directly on the projector.
 - Update the projector's firmware to the latest version for optimal compatibility.






8. SPECIFICATIONS

Feature	Specification
Model Number	D2423
Display Technology	0.3-in HD DLP
Native Resolution	1280 x 720 (720p)
Brightness	200 ANSI Lumens
Lamp Life	30,000 Hours
Aspect Ratio	16:9
Throw Ratio	100 in@2.87m; 80 in@2.29m; 60 in@1.72m; 40 in@1.14m
Offset	100%
Focus Adjustment	1-second autofocus
Keystone Correction	Auto (Vertical $\pm 40^\circ$), Manual (Horizontal $\pm 40^\circ$)
HDMI Input	HDMI 1.4 (up to 1080p)
USB Port	USB Type-A (for Flash Drives)
DC-in	15V/3A
AUX Output	Yes
Speaker	8W
Wi-Fi	802.11b/g/n/ac (2.4/5GHz)
Bluetooth	BT4.2 Dual Mode/A2DP
OS	Android 8.1 with Nebula UI
RAM	2GB DDR3
ROM	16GB eMMC
Battery	9,700mAh 3.7V
Video Playtime	4 Hours (Local Video Playtime)
Charging Time	2.5 Hours (with DC-in 15V/3A)
Product Dimensions	3.15 x 3.15 x 5.91 inches
Item Weight	1.6 pounds

9. WARRANTY AND SUPPORT

The NEBULA by Anker Capsule Max comes with a 12-month warranty. For any product inquiries, technical assistance, or warranty claims, please contact our friendly customer service.

Related Documents - D2423

<div></div> <div><p>Ръководство за потребителя Небула Капсула 3</p></div>	<p>Nebula Capsule 3: Ръководство за потребителя</p> <p>Пълно ръководство за потребителя за проектора Nebula Capsule 3 от Anker, включващо инструкции за безопасност, настройка, употреба, функции и отстраняване на неизправности.</p>
<div></div> <div><p>Посібник користувача Nebula Capsule 3</p></div>	<p>Nebula Capsule 3 User Manual</p> <p>Comprehensive user manual for the Nebula Capsule 3 portable projector by Anker. Covers setup, features, settings, troubleshooting, and technical specifications for optimal viewing experience.</p>
<div></div> <div><p>Nebula Capsule II User Manual</p></div>	<p>Nebula Capsule II User Manual: Setup, Features, and Operation Guide</p> <p>Explore the Nebula Capsule II portable smart projector with this comprehensive user manual. Learn about setup, key features like Android TV, operation, settings, troubleshooting, and specifications for an optimal viewing experience.</p>
<div></div>	<p>Nebula Capsule Owner's Manual - Anker</p> <p>Anker's Nebula Capsule owner's manual provides detailed instructions, safety guidelines, and specifications for the Nebula Capsule portable projector. Learn about setup, features, troubleshooting, and more.</p>
<div></div>	<p>Nebula Capsule Air Quick Start Guide - Setup and Usage</p> <p>Comprehensive guide for the Nebula Capsule Air projector, covering safety, setup, screen mirroring, HDMI connectivity, and app usage. Learn how to get the most out of your Nebula projector.</p>

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