Anker D2140

Anker Nebula Cosmos 1080p Home Entertainment Projector User Manual

Model: D2140

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Anker Nebula Cosmos 1080p Home Entertainment Projector. Please read these instructions carefully before using the device to ensure safe and optimal performance. Keep this manual for future reference.

Image 1.1: Front view of the Anker Nebula Cosmos Projector.

2. WHAT'S IN THE BOX

Verify that all items are present in the package:

- Nebula Cosmos Projector
- Remote Control
- Quick Start Guide
- Power Adapter
- 12-month Warranty Card

Note: The remote control is required to use the Google Assistant features.

3. PRODUCT OVERVIEW

3.1 Physical Buttons

- **Power Button:** Located on the device for turning it on/off.

3.2 Interfaces

- **HDMI Port:** HDMI 2.0, supports up to 4K input. Connect external video sources such as Blu-ray players, game consoles, or laptops.
- **USB-A Port:** For connecting USB flash drives to play media files.
- **Optical Port:** For digital audio output to external sound systems.

3.3 Remote Control

The included IR/BT Remote features buttons for Power, Autofocus, Google Assistant, navigation (Up/Down/Left/Right/OK), Back, Home, Settings, and Volume controls (Volume±).

Image 3.1: Side view of the projector highlighting connectivity ports.

4. SETUP

4.1 Placement

Place the projector on a stable, flat surface. Ensure there is adequate ventilation around the device. The projector supports various projection modes: Front, Rear, Front Ceiling, and Rear Ceiling.

4.2 Power Connection

Connect the power adapter to the projector's power input and then plug it into a power outlet.

4.3 Initial Setup (Android TV 9.0)

1. Power on the projector using the power button on the device or remote.
2. Follow the on-screen instructions to complete the initial Android TV 9.0 setup, including language selection, Wi-Fi connection, and Google account login.
3. The projector features 3-second autofocus. If the image is not clear, press the autofocus button on the remote.
4. For keystone correction, the projector offers auto vertical (±40°) and manual horizontal (±40°)

adjustments. Access these settings via the projector's menu.

5. OPERATING INSTRUCTIONS

5.1 Connecting External Devices

- **HDMI:** Connect an HDMI cable from your external device to the projector's HDMI port. Select the HDMI input source from the projector's menu.
- **USB-A:** Insert a USB flash drive into the USB-A port. The projector's media player will typically detect the drive automatically, allowing you to browse and play content.
- **Bluetooth:** Pair Bluetooth audio devices (e.g., speakers, headphones) through the Android TV settings menu. The projector supports BT4.2 Dual Mode/A2DP.

5.2 Android TV 9.0 Features

- **Google Assistant:** Use the dedicated button on the remote to activate Google Assistant for voice commands and searches.
- **Chromecast:** Cast content directly from your compatible mobile devices or computer to the projector.
- **App Store:** Access the Google Play Store to download and install various streaming apps, games, and utilities.
- **OTA Updates:** The projector supports Over-The-Air (OTA) updates for software enhancements and bug fixes. Ensure your device is connected to the internet for updates.

5.3 Digital Zoom

Adjust the image size instantly using the digital zoom feature, accessible via the remote control or settings menu, to fit your projection surface without moving the projector.

5.4 Audio Output

The projector features 20W speakers with Dolby support for 360° audio. For external audio, use the Optical port or Bluetooth connectivity.

6. MAINTENANCE

6.1 Cleaning

- Use a soft, lint-free cloth to clean the projector's exterior.
- For the lens, use a lens cleaning cloth and specialized lens cleaning solution. Avoid abrasive materials.
- Ensure ventilation openings are clear of dust and debris to prevent overheating.

6.2 Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No power	Power cable not connected; power outlet issue.	Ensure power cable is securely connected. Try a different outlet.
Image blurry	Out of focus; incorrect keystone.	Press the autofocus button on the remote. Adjust keystone correction in settings.
No sound	Volume too low; incorrect audio output selected; external device issue.	Increase volume. Check audio output settings. Ensure external device audio is working.
Cannot connect to Wi-Fi/Bluetooth	Incorrect password; device too far; interference.	Verify Wi-Fi password. Move device closer to router/Bluetooth device. Reduce interference.
Remote not responding	Low battery; obstruction.	Replace remote batteries. Ensure no obstructions between remote and projector.

8. SPECIFICATIONS

Category	Specification
Model Number	D2140
Dimensions (L x W x H)	11.4 in x 7.8 in x 3.6 in (29.0 cm x 19.8 cm x 9.2 cm)
Weight	70.5 oz / 2.0 kg
Display Technology	0.33DMD in 1080p DLP
Native Resolution	1920x1080
Brightness	900 ANSI lumens
LED Life	30,000 hours
Aspect Ratio	16:9
Throw Ratio	120 in @3.18 m; 100 in @2.66 m; 80 in @2.13 m; 60 in @1.6 m
Focus Adjustment	3-second autofocus
Keystone Correction	Auto (vertical ±40°), Manual (horizontal ±40°)
HDMI Input	HDMI 2.0 (up to 4K input)
USB-A	For USB flash drives
Optical Audio Output	Supported
CPU	Quad Core A55 Chipset
GPU	Quad Core Mali G31
RAM	2GB DDR
ROM	8GB eMMC

Category	Specification
Speaker	20W
Wi-Fi	802.11a/b/g/n/ac Dual Frequency 2.4/5GHz
Bluetooth	BT4.2 Dual Mode/A2DP
Fan Noise	<32dB
Operating System	Android TV 9.0
Google Assistant	Supported
Chromecast	Supported
Audio Decode	Dolby support
Video Decode	HDR10

9. WARRANTY AND SUPPORT

The Anker Nebula Cosmos Projector comes with a 12-month warranty. For technical support, warranty claims, or general inquiries, please contact Anker customer service. Refer to the contact information provided in your quick start guide or visit the official Anker support website.

For the latest updates and additional resources, visit:www.anker.com