

NEBULA D2150

NEBULA Cosmos Max 4K UHD Home Theater Projector D2150 User Manual

Model: D2150

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your NEBULA Cosmos Max 4K UHD Home Theater Projector, Model D2150. Please read this manual thoroughly before using the product to ensure correct operation and to maximize its performance and lifespan.

2. PRODUCT OVERVIEW

The NEBULA Cosmos Max is a 4K UHD home theater projector designed to deliver an immersive viewing experience. It features Android TV 9.0, integrated 360-degree audio, and advanced image processing capabilities.



Image 2.1: Front view of the NEBULA Cosmos Max projector, showcasing its sleek, oval design and lens.

Key Features:

- **4K UHD Image Quality:** Experience movies, sports, and games with exceptional clarity and detail.
- **360° True 3D Audio:** Optimized speakers with Dolby Digital Plus and Sound Dimension provide immersive sound.
- **Adjustable Image Size:** Project images from a smaller size up to 150 inches.
- **HLG Upscaling:** Automatically enhances non-HDR content to improve visual quality.
- **Android TV 9.0:** Access over 5000 applications for endless entertainment.



Image 2.2: A detailed view demonstrating the 4K Ultra HD image quality, highlighting fine textures.

Sensational 360° Sound

4×10W Speakers |  Dolby Audio

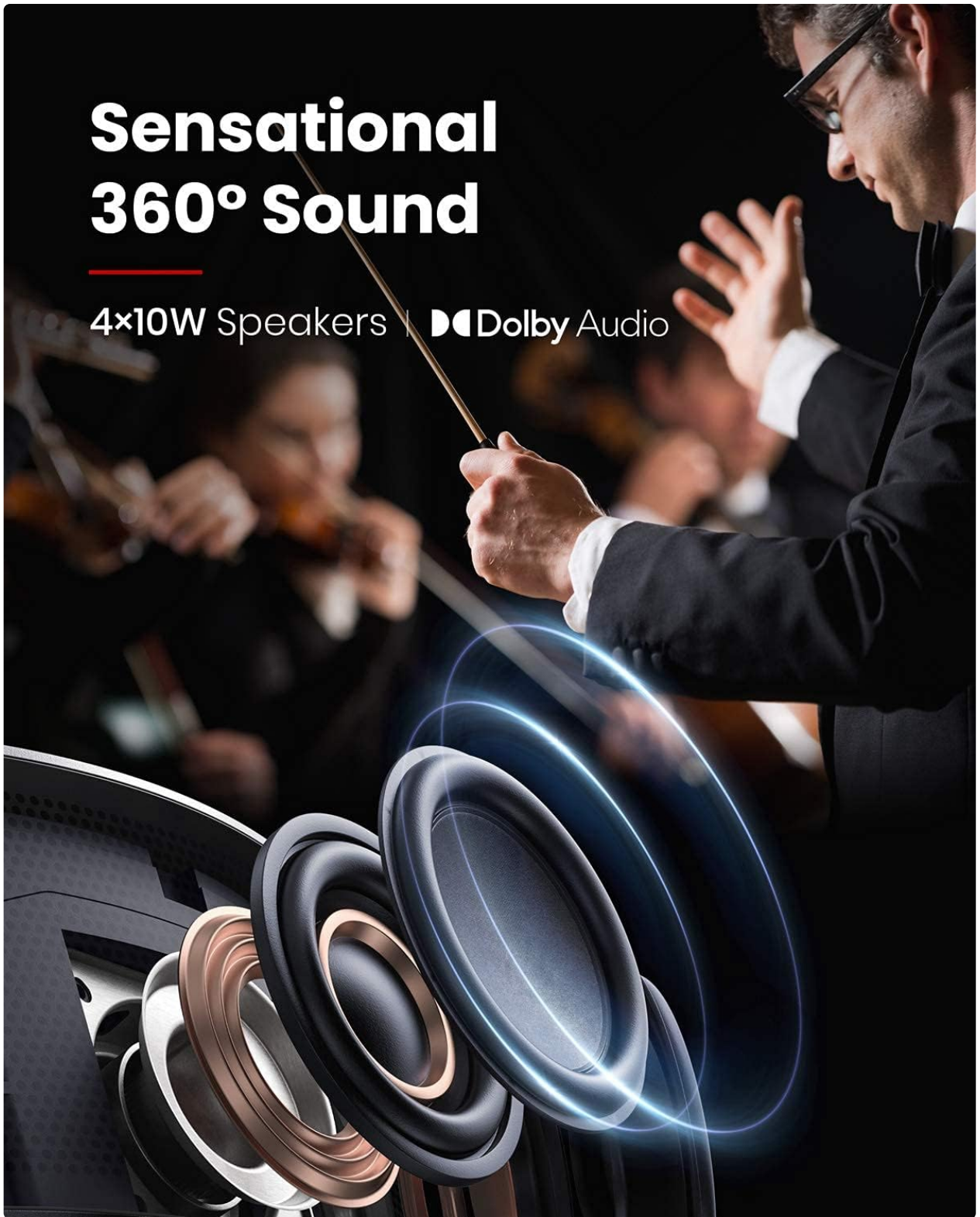


Image 2.3: An illustration depicting the 360-degree sound distribution from the projector's integrated speakers.



Image 2.4: A visual representation of the projector displaying a large image, up to 150 inches, in a living room setting.

3. SETUP

3.1 What's In The Box

- NEBULA Cosmos Max Projector
- Remote Control
- Quick Start Guide
- Power Adapter

3.2 Initial Placement

Place the projector on a stable, flat surface. Ensure there is adequate ventilation around the device. For optimal image quality, position the projector perpendicular to the projection surface.

3.3 Power Connection

1. Connect the power adapter to the projector's power input port.
2. Plug the power adapter into a suitable electrical outlet.
3. Press the power button on the projector or the remote control to turn on the device.

3.4 Connecting External Devices

The Cosmos Max features multiple ports for connecting external devices:

- **HDMI (x2):** Connect Blu-ray players, gaming consoles, or other HDMI-enabled devices.
- **USB-A (x1):** Connect USB flash drives for media playback.
- **Optical (x1):** Connect to external audio systems.

4. OPERATING INSTRUCTIONS

4.1 Android TV 9.0 Interface

The projector runs on Android TV 9.0, providing access to a wide range of applications and streaming services. Navigate the interface using the provided remote control.

Endless Entertainment with Android TV



Image 4.1: The Android TV home screen displaying available applications and content.

4.2 App Installation

- **Google Play Store:** Access and install thousands of apps directly from the Google Play Store.
- **Netflix:** To install Netflix, first install the "Nebula Manager" app from the Google Play Store. Then, install Netflix through "Nebula Manager." For optimal control, use the "Nebula Connect" app on your smartphone in mouse mode.

4.3 Screen Mirroring (iOS Devices)

To connect with an iPhone, iPad, or MacBook:

1. Install the "AirScreen" app from the Google Play Store on your projector.
2. Ensure both your NEBULA Cosmos Max and your iOS device are connected to the same Wi-Fi network.
3. Use the screen mirroring function on your iOS device to connect to the projector.

4.4 Media Playback from USB

To play movies or other media from a USB flash drive:

1. Install a file management app (e.g., File Explorer, File Manager) from the Google Play Store.
2. Install a video player app from the Google Play Store.
3. Insert your USB flash drive into the USB-A port on the projector.
4. Use the file management app to browse and play content from your USB drive.

4.5 Image Adjustment

- **Autofocus:** The projector features 3-second autofocus. Slightly move the device or press the "focus" button on the remote control to trigger autofocus.
- **Keystone Correction:** Supports Auto (vertical $\pm 40^\circ$) and Manual (horizontal $\pm 40^\circ$) keystone correction. If the projected image appears tilted, navigate to "Settings" > "Projector Settings" > "Keystone Correction" to adjust. You may need to turn off auto keystone correction for manual adjustments.

5. MAINTENANCE

5.1 Cleaning

- Use a soft, dry cloth to clean the exterior of the projector.
- For the lens, use a lens cleaning cloth and specialized lens cleaning solution. Avoid harsh chemicals.
- Ensure ventilation ports are clear of dust and debris to prevent overheating.

5.2 Firmware Updates

For optimal performance and access to the latest features, regularly check for and install firmware updates via the projector's settings menu.

6. TROUBLESHOOTING

Common Issues and Solutions:

- **Netflix Not Installing:** Install "Nebula Manager" from Google Play Store, then install Netflix through Nebula Manager. Use "Nebula Connect" app on your phone in mouse mode for control.
- **Cannot Connect to iOS Device:** Ensure "AirScreen" app is installed on the projector and both devices are on the same Wi-Fi network.
- **USB Media Not Playing:** Install a file management app and a video player app from Google Play Store.
- **Tilted Image / Keystone Correction Issues:** If auto keystone correction is not sufficient, turn it off via "Settings" > "Projector Settings" > "Keystone Correction" and manually adjust both vertical and horizontal keystone.
- **Autofocus Not Triggering:** Slightly move the projector or press the dedicated "focus" button on the remote control.
- **Image Appears Dark:** Brightness (light output) can diminish over time due to usage. Ensure the projector is in an environment with minimal ambient light for best results. Adjust picture settings (e.g.,

Brightness, Gamma, Picture Mode) in "Projector Settings" > "Picture Settings" for your viewing environment.

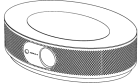
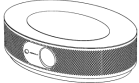
7. SPECIFICATIONS

Feature	Detail
Model Number	D2150
Display Technology	0.47DMD in 4K DLP
Resolution	3840x2160 (4K UHD)
Brightness	1,500 ANSI lumen
LED Life	30,000 hours
Throw Ratio	1.2
Focus Adjustment	3-second autofocus
Keystone Correction	Auto (vertical $\pm 40^\circ$), Manual (horizontal $\pm 40^\circ$)
HDMI Ports	x 2
USB-A Ports	x 1
Optical Audio Output	x 1
RAM	2GB DDR
ROM	16GB eMMC
Speaker Output	40W
Wi-Fi	Dual Frequency 2.4/5GHz
Bluetooth	BT4.2
Fan Noise	<32dB
Operating System	Android TV 9.0
Chromecast	Supported
App Store	Google Play
Audio Decode	Dolby support
Video Decode	HDR10
Product Dimensions	13.78 x 9.84 x 3.94 inches
Item Weight	13.18 pounds

8. WARRANTY AND SUPPORT

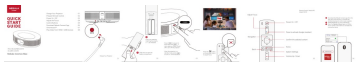
For warranty information and technical support, please refer to the documentation included with your purchase or contact NEBULA customer service. You can also visit the official NEBULA support website for FAQs and further assistance.

Related Documents - D2150

 User Manual Nebula Cosmos	Nebula Cosmos User Manual: Setup, Features, and Troubleshooting Comprehensive user manual for the Nebula Cosmos projector by Anker. Learn about setup, features like Nebula Connect app and Chromecast, specifications, troubleshooting, and safety instructions.
 User Manual Nebula Cosmos Laser / Nebula Cosmos Laser 4K	Nebula Cosmos Laser & 4K Projector User Manual: Setup, Features, and Troubleshooting Comprehensive user manual for Nebula Cosmos Laser and Cosmos Laser 4K projectors. Learn about setup, features, remote control, connectivity, settings, specifications, and troubleshooting.
 User Manual Nebula Cosmos	Nebula Cosmos User Manual User manual for the Nebula Cosmos projector by Anker, covering setup, operation, features like Nebula Connect app and Android TV, troubleshooting, and specifications.
	NEBULA Cosmos 4K SE Quick Start Guide Quick start guide for the NEBULA Cosmos 4K SE projector by Anker, covering setup, features like Bluetooth speaker mode, HDMI/USB playback, wireless screen mirroring, safety instructions, and regulatory notices.

NEBULA  Nebula Capsule II User Manual	Nebula Capsule II User Manual: Setup, Features, and Operation Guide 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.
パッケージ内容 1. プロジェクター 2. リモートコントロール 3. 電源ケーブル 4. 取扱説明書 5. 保証書 6. 付属品 はじめに 1. 安全に関する注意事項 2. 電源の接続 3. 電源の切断 4. 電源の再接続 5. 電源の再接続 6. 電源の再接続 Nebula Connect アプリ 1. アプリのダウンロード 2. アプリのインストール 3. アプリの起動 4. アプリの操作 本体の使用方法 1. 電源の接続 2. 電源の切断 3. 電源の再接続 4. 電源の再接続 5. 電源の再接続 6. 電源の再接続 システムの更新 1. システムの更新 2. システムの更新 3. システムの更新 4. システムの更新 5. システムの更新 6. システムの更新	Nebula Cosmos 4K SE Projector User Manual Comprehensive user manual for the Nebula Cosmos 4K SE projector, covering package contents, setup, operation, settings, troubleshooting, and trademarks.

Documents - NEBULA – D2150



[\[pdf\]](#) User Manual Quick Start Guide Instructions Guide

51005002054 2150QSGV1 6 19 Users Manual Anker Innovations Limited D2150 Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150

QUICK START GUIDE FCC ID:2AOKB-**D2150** IC:23451-**D2150** Nebula Cosmos Max Charge Your Projector 01 Prepare Remote Control 02 Power On / Off 03 Adjust the Focus 04 Control Buttons 05 Download Nebula Connect App 06 Chromecast™ 07 Play Video from HDMI / USB Devices 08 Charge Your Projecto...

lang:en score:39 filesize: 1.18 M page_count: 2 document date: 2020-07-27

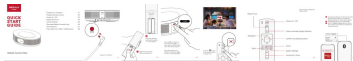


[\[pdf\]](#) User Manual Quick Start Guide Instructions Troubleshooting Guide Specifications Warranty

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User Manual Nebula Cosmos Max 01 English 21 Deutsch 37 Espaol 53 Franais 70 Italiano 87 ... ay a video clip on your phone and then tap the cast icon on the video screen. Select the device **D2150** you want to cast to. This projector will mirror the screen of the connected phone or compute...

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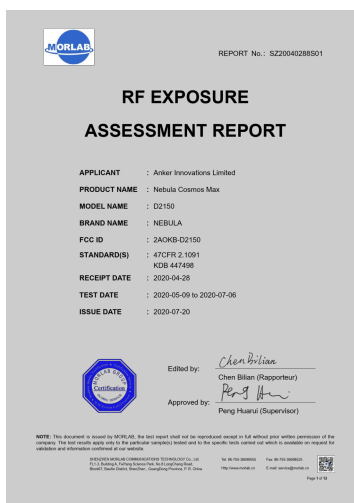


[\[pdf\]](#) User Manual Quick Start Guide

51005002294 2150 QSG V3 20210325 OUTLINE User Manual Anker Innovations Limited D2150X Nebula Cosmos Max 2AOKB 2AOKBD2150X d2150x

D2150 19.67 19.62 To get a full user manual, you can get it from the Nebula Connect APP or website: www.seenebula.com/downloads Pour obtenir un manuel d utilisation complet, vous pouvez l obtenir partir de l application Nebula Connect ou de Webstie: www.seenebula.com/downloads Um ein vollstndige...

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[\[pdf\]](#) Test Report SAR Rating

Microsoft Word SZ20040288S01 Anker D2150 FCC MPE Administrator Innovations Limited Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150

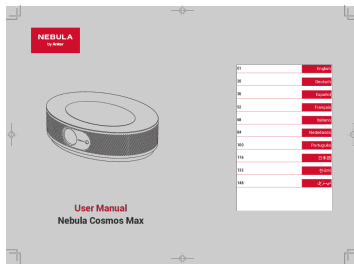
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APPLICANT : Anker Innovations Limited PRODUCT NAME : Nebula Cosmos Max
MODEL NAME : **D2150** BRAND NAME : NEBULA FCC ID STANDARD S RECEIPT
DATE : 2AOKB-**D2150** : 47CFR 2.1091 KDB 447498 : 2020-04-28 TEST DATE :
2020-05-09 to 2020-07-06 IS...

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[\[pdf\]](#) User Manual Quick Start Guide Instructions Troubleshooting Guide Specifications Warranty Accessories

Nebula_D2150_online_offline_INT_Manual_148X210mm_V01_20200824(1) 1598859853
d2211byn0pk9fi cloudfront net spree accessories attachments 84516 User Manual Nebula Cosmos Max
Projector Central To reduce the risk of fire and or electric shock do not expose device to rain moisture
Objects filled with liquids such as vases should be projector_manual_11365 projectorcentral pdf
User Manual Nebula Cosmos Max 01 English 20 Deutsch 36 Espaol 52 Franais 68
Italiano 84 ... ay a video clip on your phone and then tap the cast icon on the video
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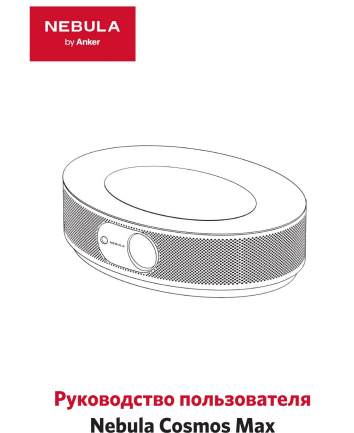
[\[pdf\]](#) User Manual Quick Start Guide Instructions Troubleshooting Guide Specifications Warranty

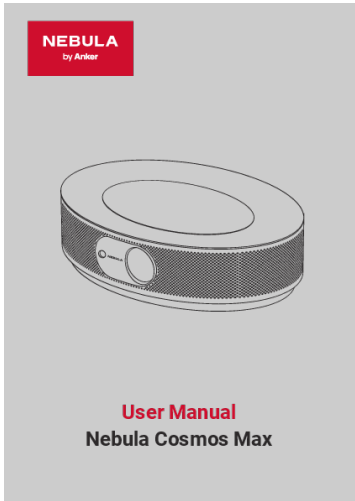
User Manual 4K Projector Anker NEBULA Cosmos Max UHD TV Home Theater Native with 1500 ANSI
Lumen Android 9 0 5000 Apps Dolby Digital Plus 360° of True 3D Audio HDR10 Electronics Photo
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User Manual Nebula Cosmos Max 01 English 20 Deutsch 36 Espaol 52 Franais 68
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Google Google Wi-Fi Google Play Google Google B...

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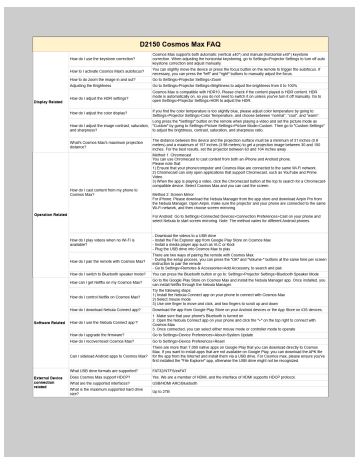


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Google Google Wi-Fi Google Play Google Google B...

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[\[pdf\]](#) User Manual Frequently Asked Questions

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D2150 FAQ m media amazon D2150111 NEBULA 1 Make sure that your phone 39 s Bluetooth is turned
on 2 Open the Connect app and click top right to connect 3 Once connected you can select either mouse
mode or controller operate How do I upgrade firmware Go Settings Device Preferences About System
Update 61tF9uMIQOL images

Display Related **D2150** Cosmos Max FAQ How do I use the keystone correction How
to I activate Cosmos Max s autofocus How to do zoom the image in and out Adjusting
the Brightness How do I adjust the HDR settings Cosmos Max supports both
automatic vertical 40 and manual horizontal 40 keystone...

lang:en score:23 filesize: 81.38 K page_count: 1 document date: 0000-00-00

 REPORT No.: SZ20040288W03

TEST REPORT

APPLICANT	: Anker Innovations Limited
PRODUCT NAME	: Nebula Cosmos Max
MODEL NAME	: D2150
BRAND NAME	: NEBULA
FCC ID	: 2AOKB-D2150
STANDARD(S)	: 47 CFR Part 15 Subpart C
RECEIPT DATE	: 2020-04-28
TEST DATE	: 2020-05-11 to 2020-07-06
ISSUE DATE	: 2020-07-20



Edited by: Chen Bilian
Chen Bilian (Rapporteur)

Approved by: Peng Huanli
Peng Huanli (Supervisor)

NOTE: This document is issued by CQC. The test report shall not be reproduced except in full without prior written permission of the company. The test results apply only to the particular sample(s) tested and to the specific tests carried out which is available on request for validation and extension certificate of our company.

Information for customers: CQC (China Quality Certification Center) Ltd.
No. 1, Jiefang Road, Beijing 100022, P.R. China
Tel: +86 10 56690000 Fax: +86 10 56690001
Email: cqc@cqc.com.cn Website: www.cqc.com.cn

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[\[pdf\]](#) Test Report

Microsoft Word SZ20040288W03 Anker D2150 WiFi DTS Administrator Test Report WLAN Innovations Limited Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150
 REPORT No.SZ20040288W03 TEST REPORT APPLICANT : Anker Innovations Limited PRODUCT NAME : Nebula Cosmos Max MODEL NAME : **D2150** BRAND NAME : NEBULA FCC ID 2AOKB-**D2150** STANDARD S : 47 CFR Part 15 Subpart C RECEIPT DATE : 2020-04-28 TEST DATE : 2020-05-11 to 2020-07-06 ISSUE DATE : 202...
 lang:en score:22 filesize: 3.23 M page_count: 70 document date: 2020-07-20

Declaration

To whom it may concern:

We have declared below featured for FCC equipment authorization, Device FCC ID: 2AOKB-D2150

Don't operate on Channels 12 and 13. US 2.4G channel 12-13 and Country code selection are disabled through proprietary software and are not user changeable

Should you have any questions, please feel free to contact me.

Date: 2020/7/16

Signature: Lavis Qi

Title: Certification Director

Company name: Anker Innovations Limited

[\[pdf\]](#) Declaration of Conformity

Windows WIFI CH12 13 Declaration Anker Innovations Limited D2150 Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150
 Declaration To whom it may concern: We have declared below featured for FCC equipment authorization, Device FCC ID: 2AOKB-**D2150** Don t operate on Channels 12 and 13. US 2.4G channel 12-13 and Country code selection are disabled through proprietary software and are not user changeable Should you have ...
 lang:en score:22 filesize: 36.13 K page_count: 1 document date: 2020-07-27

 REPORT No.: SZ20040288W02

TEST REPORT

APPLICANT	: Anker Innovations Limited
PRODUCT NAME	: Nebula Cosmos Max
MODEL NAME	: D2150
BRAND NAME	: NEBULA
FCC ID	: 2AOKB-D2150
STANDARD(S)	: 47 CFR Part 15 Subpart C
RECEIPT DATE	: 2020-04-28
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Edited by: Chen Bilian
Chen Bilian (Rapporteur)

Approved by: Peng Huanli
Peng Huanli (Supervisor)

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Information for customers: CQC (China Quality Certification Center) Ltd.
No. 1, Jiefang Road, Beijing 100022, P.R. China
Tel: +86 10 56690000 Fax: +86 10 56690001
Email: cqc@cqc.com.cn Website: www.cqc.com.cn

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 REPORT No.SZ20040288W02 TEST REPORT APPLICANT : Anker Innovations Limited PRODUCT NAME : Nebula Cosmos Max MODEL NAME : **D2150** BRAND NAME : NEBULA FCC ID 2AOKB-**D2150** STANDARD S : 47 CFR Part 15 Subpart C RECEIPT DATE : 2020-04-28 TEST DATE : 2020-05-09 to 2020-07-06 ISSUE DATE : 202...
 lang:en score:22 filesize: 4.08 M page_count: 80 document date: 2020-07-20

Anker Innovations Limited

UNII Declaration Letter

We have declared below featured for FCC equipment authorization, device FCC ID: 2AOKB-D2150

(1) DFS Device - ☐ Master, ☐ Client with Radar detection capability, ☒ Client without radar detection capability, ☐ N/A

(2) Active / Passive Scanning - adho: mode access point capability

Frequency Band (MHz)	Active Scanning (master or probe device)	passive scanning (client or probe device)	Ad Hoc Mode capability	Access point capability
5412-5442 MHz	Yes	No	Yes	No
5442-5482 MHz	Yes	No	Yes	No
5482-5522 MHz	Yes	No	Yes	No
5522-5562 MHz	Yes	No	Yes	No
5562-5602 MHz	Yes	No	Yes	No
5602-5642 MHz	Yes	No	Yes	No
5642-5682 MHz	Yes	No	Yes	No
5682-5722 MHz	Yes	No	Yes	No
5722-5762 MHz	Yes	No	Yes	No
5762-5802 MHz	Yes	No	Yes	No
5802-5842 MHz	Yes	No	Yes	No
5842-5882 MHz	Yes	No	Yes	No
5882-5922 MHz	Yes	No	Yes	No
5922-5962 MHz	Yes	No	Yes	No
5962-6002 MHz	Yes	No	Yes	No
6002-6042 MHz	Yes	No	Yes	No
6042-6082 MHz	Yes	No	Yes	No
6082-6122 MHz	Yes	No	Yes	No
6122-6162 MHz	Yes	No	Yes	No
6162-6202 MHz	Yes	No	Yes	No
6202-6242 MHz	Yes	No	Yes	No
6242-6282 MHz	Yes	No	Yes	No
6282-6322 MHz	Yes	No	Yes	No
6322-6362 MHz	Yes	No	Yes	No
6362-6402 MHz	Yes	No	Yes	No
6402-6442 MHz	Yes	No	Yes	No
6442-6482 MHz	Yes	No	Yes	No
6482-6522 MHz	Yes	No	Yes	No
6522-6562 MHz	Yes	No	Yes	No
6562-6602 MHz	Yes	No	Yes	No
6602-6642 MHz	Yes	No	Yes	No
6642-6682 MHz	Yes	No	Yes	No
6682-6722 MHz	Yes	No	Yes	No
6722-6762 MHz	Yes	No	Yes	No
6762-6802 MHz	Yes	No	Yes	No
6802-6842 MHz	Yes	No	Yes	No
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6882-6922 MHz	Yes	No	Yes	No
6922-6962 MHz	Yes	No	Yes	No
6962-7002 MHz	Yes	No	Yes	No
7002-7042 MHz	Yes	No	Yes	No
7042-7082 MHz	Yes	No	Yes	No
7082-7122 MHz	Yes	No	Yes	No
7122-7162 MHz	Yes	No	Yes	No
7162-7202 MHz	Yes	No	Yes	No
7202-7242 MHz	Yes	No	Yes	No
7242-7282 MHz	Yes	No	Yes	No
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7322-7362 MHz	Yes	No	Yes	No
7362-7402 MHz	Yes	No	Yes	No
7402-7442 MHz	Yes	No	Yes	No
7442-7482 MHz	Yes	No	Yes	No
7482-7522 MHz	Yes	No	Yes	No
7522-7562 MHz	Yes	No	Yes	No
7562-7602 MHz	Yes	No	Yes	No
7602-7642 MHz	Yes	No	Yes	No
7642-7682 MHz	Yes	No	Yes	No
7682-7722 MHz	Yes	No	Yes	No
7722-7762 MHz	Yes	No	Yes	No
7762-7802 MHz	Yes	No	Yes	No
7802-7842 MHz	Yes	No	Yes	No
7842-7882 MHz	Yes	No	Yes	No
7882-7922 MHz	Yes	No	Yes	No
7922-7962 MHz	Yes	No	Yes	No
7962-8002 MHz	Yes	No	Yes	No
8002-8042 MHz	Yes	No	Yes	No
8042-8082 MHz	Yes	No	Yes	No
8082-8122 MHz	Yes	No	Yes	No
8122-8162 MHz	Yes	No	Yes	No
8162-8202 MHz	Yes	No	Yes	No
8202-8242 MHz	Yes	No	Yes	No
8242-8282 MHz	Yes	No	Yes	No
8282-8322 MHz	Yes	No	Yes	No
8322-8362 MHz	Yes	No	Yes	No
8362-8402 MHz	Yes	No	Yes	No
8402-8442 MHz	Yes	No	Yes	No
8442-8482 MHz	Yes	No	Yes	No
8482-8522 MHz	Yes	No	Yes	No
8522-8562 MHz	Yes	No	Yes	No
8562-8602 MHz	Yes	No	Yes	No
8602-8642 MHz	Yes	No	Yes	No
8642-8682 MHz	Yes	No	Yes	No
8682-8722 MHz	Yes	No	Yes	No
8722-8762 MHz	Yes	No	Yes	No
8762-8802 MHz	Yes	No	Yes	No
8802-8842 MHz	Yes	No	Yes	No
8842-8882 MHz	Yes	No	Yes	No
8882-8922 MHz	Yes	No	Yes	No
8922-8962 MHz	Yes	No	Yes	No
8962-9002 MHz	Yes	No	Yes	No
9002-9042 MHz	Yes	No	Yes	No
9042-9082 MHz	Yes	No	Yes	No
9082-9122 MHz	Yes	No	Yes	No
9122-9162 MHz	Yes	No	Yes	No
9162-9202 MHz	Yes	No	Yes	No
9202-9242 MHz	Yes	No	Yes	No
9242-9282 MHz	Yes	No	Yes	No
9282-9322 MHz	Yes	No	Yes	No
9322-9362 MHz	Yes	No	Yes	No
9362-9402 MHz	Yes	No	Yes	No
9402-9442 MHz	Yes	No	Yes	No
9442-9482 MHz	Yes	No	Yes	No
9482-9522 MHz	Yes	No	Yes	No
9522-9562 MHz	Yes	No	Yes	No
9562-9602 MHz	Yes	No	Yes	No
9602-9642 MHz	Yes	No	Yes	No
9642-9682 MHz	Yes	No	Yes	No
9682-9722 MHz	Yes	No	Yes	No
9722-9762 MHz	Yes	No	Yes	No
9762-9802 MHz	Yes	No	Yes	No
9802-9842 MHz	Yes	No	Yes	No
9842-9882 MHz	Yes	No	Yes	No
9882-9922 MHz	Yes	No	Yes	No
9922-9962 MHz	Yes	No	Yes	No
9962-10002 MHz	Yes	No	Yes	No

(3) Country code operation ability: ☐ No, ☒ Yes
If no, please explain how was implemented: Country is selected as US by default and user can not change the country code.

(4) Meet 15.202 requirement: ☒ Yes, ☐ No
Please check below:
☐ A master device is defined as a device operating in a mode in which it has the capability to transmit without receiving an external signal. It is the master's role to send a channel and release a network by sending signaling signals to other devices.
☒ A client device is defined as a device operating in a mode in which the transmission of the device are under control of the master. A device in client mode is not able to initiate a network.

(5) For client devices that have software configuration control to operate in different modes (active scanning, in some applications, scanning to others in different bands (devices with multiple equipment channels or those that operate in multiple channels), the application must provide software and operations description on how the software and/or hardware configuration control is implemented to ensure that proper operations mode can not be modified by end user or an installer.

(6) Yes, ☐ No, ☒ Yes
If yes, please provide the hardware configuration control to ensure that proper operations mode can not be modified by end user or an installer.

If you have any questions, please feel free to contact me at the address shown below.

Yours sincerely,
Signature: 
Printed Name: Louis Qi
Position: Certification Director

[pdf] Decleration of Conformity

Standard Vorlage Brandhorst Dirk DTS NII Declaration Anker Innovations Limited D2150 Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150

Anker Innovations Limited UNII Declaration Letter We have declared below featured for FCC equipment authorization, device FCC ID: 2AOKB-**D2150** 1 DFS Device -- Master, Client with Radar detection capability , Client without radar detection capability, N/A 2 Active / Passive Scanning , adho...

lang:en score:22 filesize: 77.75 K page_count: 1 document date: 2020-07-27

Anker Innovations Limited

Date: 2020/7/20

To: Federal Communications Commission,
Authorization & Evaluation Division,
7435 Oakland Mills Road,
Columbia, MD 21046

Re: Request of Confidentiality for FCCID:2AOKB-D2150

To Whom It May Concern:

Pursuant to sections 0.457 and 0.459 of Commission's Rules/CFR 47, and Section 60024 of the Federal Communications Commission's (FCC) Order, we hereby request confidentiality and treatment of certain information accompanying this application. The information, certain trade secrets and proprietary information not previously released to the public. The public disclosure of these matters might be harmful to the Applicant and provide unjustified benefits to its competitors.

We are also hereby request Short-Term Confidentiality (max. time 180 days from grant date) as outlined in Public Notice 18-172. This provision of your Anker Innovations Limited temporary confidentiality of commercially sensitive information prior to product release.

The requested Permanent and Short-Term Confidentiality are listed as follows:

PERMANENT AND SHORT-TERM CONFIDENTIALITY	Description
PERMANENT	1. Software
	2. Operational Description
	3. Test Plan
	4. Test Results
	5. Internal Photos
SHORT-TERM	6. Test Setup Photos
	7. User Manual

The Applicant understands that pursuant to Public Notice 18-172, disclosure of this application and all accompanying documentation, where applicable, will be made public before the date of the Short-Term Confidentiality.

Signature: 
Name: Louis Qi
Company Name: Anker Innovations Limited
Address: Room 1518, 15th Floor, Plaza 210 Nathan Road, Mong Kok, Kowloon, Hong Kong
Tel: +854 382441319
Email: louis.qi@answering.com

[pdf] Confidentiality Request Letter

Please print this form on your official headed company notepaper Wu Xuewen Confidentiality Anker

Innovations Limited D2150 Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150

Anker Innovations Limited Date: 2020/7/20 To: Federal Communications Commission, Authorization Evaluation Division, 7435 Oakland Mills Road, Columbia, MD 21046 Re: Request of Confidentiality for FCCID:2AOKB-**D2150** To Whom it may concern: Pursuant to sections 0.457 and 0.459 of Commission s Rule...

lang:en score:21 filesize: 433.11 K page_count: 1 document date: 2020-07-27

Anker Innovations Limited

Date: 2020/7/20

To: Federal Communications Commission,
Authorization & Evaluation Division,
7435 Oakland Mills Road,
Columbia, MD 21046

To Whom It May Concern:

The Anker Innovations Limited, the undersigned, hereby authorizes Mrs. Wendy Zhao from Shenzhen Midea Communications Technology Co., Ltd. to act on the behalf of the Anker Innovations Limited solely in matters relating to this application for all FCC equipment authorization for FCC ID:2AOKB-D2150, including the signing of documents in connection with this Application. Necessary acts carried out Shenzhen Midea Communications Technology Co., Ltd. on our behalf of the Anker Innovations Limited in connection with this application shall have the same effect as acts of the Anker Innovations Limited. Anker Innovations Limited also hereby certify that no party to this application is subject to a ban or a ban, including FCC ban, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 882.

Thank you for your attention to this matter.

Yours Sincerely,
Signature: 
Contact Name: Louis Qi
Title: RA
Tel: +86 1382441319
Email: louis.qi@answering.com
Company Name: Anker Innovations Limited

[pdf] Agent Authorization

Please print this form on your official headed company notepaper Wu Xuewen Authorization letter Anker

Innovations Limited D2150 Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150

Anker Innovations Limited Date: 2020/7/20 To: Federal Communications Commission, Authorization Eva ... d solely in matters relating to the application for an FCC equipment authorization for FCC ID:2AOKB-**D2150** including the signing of documents in connection with this Application. Necessary acts carried...

lang:en score:21 filesize: 340 K page_count: 1 document date: 2020-07-27

TEST REPORT

APPLICANT : Anker Innovations Limited

PRODUCT NAME : Nebula Cosmos Max

MODEL NAME : D2150

BRAND NAME : NEBULA

FCC ID : 2AOKB-D2150

STANDARD(S) : 47 CFR Part 15 Subpart E

RECEIPT DATE : 2020-04-28

TEST DATE : 2020-05-05 to 2020-06-30

ISSUE DATE : 2020-07-20

Edited by: Chen Bilian (Rapporteur)

Approved by: Peng Huarui (Supervisor)

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[pdf] Test Report

Microsoft Word SZ20040288W04 Anker D2150 WiFi NII Administrator Test Report Innovations Limited

Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150

REPORT No.SZ20040288W04 TEST REPORT APPLICANT : Anker Innovations Limited PRODUCT NAME : Nebula Cosmos Max MODEL NAME : **D2150** BRAND NAME : NEBULA FCC ID : 2AOKB-**D2150** STANDARD S : 47 CFR Part 15 Subpart E RECEIPT DATE : 2020-04-28 TEST DATE : 2020-05-05 to 2020-06-30 ISSUE DATE : 2...

lang:en score:20 filesize: 5.9 M page_count: 126 document date: 2020-07-20

ANKER INNOVATIONS LIMITED
Letter of Authorization

Company: Anker Innovations Limited
Address: Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hongkong

Product Name: Nebula Cosmos Max
Model Number(s): D2150
Product Description: Nebula Cosmos Max

We authorize MICOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA, to act on our behalf on all matters concerning the certification of above named equipment.

We declare that MICOM Labs Inc. is authorized to forward all information related to the approval and certification of equipment to the regulatory agencies as required and to disclose any matters concerning the approval application. Any and all acts carried out by MICOM Labs on our behalf shall have the same effect as acts of our own.

Signature: [Signature] Date: 2021-04-13

Name: [Name]
Title: [Title]
Company: Anker Innovations Limited

[pdf]

PLEASE PRINT ON COMPANY LETTERHEAD MiCOM Labs Inc QMS Letter of Authorization Anker

Innovations Limited D2150X Nebula Cosmos Max 2AOKB 2AOKBD2150X d2150x

Anker Innovations Limited Letter of Authorization Company: Anker Innovations Limited Address: Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hongkong Product Name: Nebula Cosmos Max Model Number s : **D2150** Product Description: Nebula Cosmos Max We authorize MiCOM Labs Inc., 575 Bou... lang:en score:19 filesize: 55.38 K page_count: 1 document date: 2021-04-13

TEST REPORT

APPLICANT : Anker Innovations Limited

PRODUCT NAME : Nebula Cosmos Max

MODEL NAME : D2150

BRAND NAME : NEBULA

FCC ID : 2AOKB-D2150

STANDARD(S) : 47 CFR Part 15 Subpart C

RECEIPT DATE : 2020-04-28

TEST DATE : 2020-05-09 to 2020-07-06

ISSUE DATE : 2020-07-20

Edited by: Chen Bilian (Rapporteur)

Approved by: Peng Huarui (Supervisor)

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[pdf] User Manual Specifications Test Report

Microsoft Word SZ20040288W01 Anker D2150 BLE DTS Administrator TEST REPORT FCC Report

2020-05-09 to 2020-07-06 detailed description please refer Specification or User s Manual supplied by May 14 2020 Peng Xuwei D2150-Test-Report-Anker-Innovations-2aokb-d2150-ex-2-9 filename* https electric garden anker-innovations-2aokb-test-report

REPORT No.SZ20040288W01 TEST REPORT APPLICANT : Anker Innovations Limited PRODUCT NAME : Nebula Cosmos Max MODEL NAME : **D2150** BRAND NAME : NEBULA FCC ID : 2AOKB-**D2150** STANDARD S : 47 CFR Part 15 Subpart C RECEIPT DATE : 2020-04-28 TEST DATE : 2020-05-09 to 2020-07-06 ISSUE DATE : 2...

lang:en score:19 filesize: 3.44 M page_count: 41 document date: 2020-07-20

Anker Innovations Limited

FCC Software Configuration Control Declaration

Date: April 13, 2021

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046
USA

Attn: OET Dept.

Product/ Model Number: Nebula Cosmos Max D2150

Regarding FCC Country Code Selection guidelines identified in HDR 594230 v2.01:

*All applications for equipment authorization for transmitters that can have radio parameters, or other technical parameters, reported to the Commission set by software must have an attestation indicating that no third party will have software, or configuration control, to program the device out of compliance of the technical rules under which it has been certified.

We declare that no third party will have software, or configuration control, to program the device out of compliance of the technical rules under which it has been certified.

Name: Louis Qi Date: 2021.04.13

Title: Manager

Signature of applicant

Louis Qi

FCC Software Configuration Control Declaration Rev1.1

[\[pdf\]](#) Declaration of Conformity

5600 5650 MHz Transmission Restriction Clinton Bradley FCC Software Configuration Control

Declaration Anker Innovations Limited D2150X Nebula Cosmos Max 2AOKB 2AOKBD2150X d2150x

Anker Innovations Limited FCC Software Configuration Control Declaration Date:

April 13, 2021 Federal Communications Commission 7435 Oakland Mills Road

Columbia, MD 21046 USA Attn: OET Dept. Product/ Model Number: Nebula Cosmos

Max/ **D2150** Regarding FCC Country Code Selection guidelines identified in...

lang:en score:19 filesize: 78.34 K page_count: 1 document date: 2021-04-13

EU Declaration of Conformity Version V1.0

Name of the Manufacturer	Anker Innovations Limited
Address of the Manufacturer	Anker Innovations Limited (Room 1318-19 Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong
Name of the Product	Nebula Cosmos Max
Trade Mark	NEBULA
Model No.	D2150

We declare under our responsibility that the above referenced product complies with the following recognized directives and standards, applicable in part or in whole:

Standards

- Item 3.1 a (protection of the health and of the safety of persons and of domestic animals and the protection of property)
 - EN 62368-2:2014/A1:2017
 - EN 62311:2009
 - EN 50963:2017
- Item 3.1 b (an adequate level of electromagnetic compatibility):
 - EN 301 488-3 V2.3 (2019-11)
 - EN 301 488-3 V2.1 (2019-05)
 - EN 301 488-17 V2.2 (2019-12)
- Item 3.2 (both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference):
 - EN 300 328 V2.3.1 (2019-11)
 - EN 300 440 V2.3.1 (2019-07)
 - EN 301 893 V2.1.1 (2017-05)

Directives

- directive 2014/53/EU (RED - Radio Equipment Directive)
- directive 2014/30/EU (EMC - electromagnetic compatibility)
- directive 2011/65/EU and amendment (EU) 2015/863 (RoHS - restriction of the use of certain hazardous substances)

I, the undersigned, warrant that: (i) I am a designated person of the manufacturer; (ii) I am responsible for the regulatory compliance of the product (including with the requirements mentioned in Anker Innovations Limited and this Declaration of Conformity) and (iii) the information I have provided in support of the safety and effectiveness of the product to be true and accurate and do not contain any material omissions.

Title	Function	Signature
Name:	Wending Liu	Date: 2020-07-22
City:	Shenzhen	Signature: <i>[Signature]</i>

[\[pdf\]](#) Declaration of Conformity

Administrator dix7fd4yse9rd cloudfront net 8 #39 h f od ud wlr q r i r ip lw 9 uvlr 1 d p wk 0 x id fw x uh u

\$ nh yd v lp lwh g vv 1612423369024 d2150eu-declaration-of-conformity https s Nebula product

5958096224413 files EU Declaration of Conformity directive 2014 53 RED Radio Equipment Directive 30

EMC electromagnetic compatibility 2011 65 and amendment 1612409670245 6055441924262

EU Declaration of Conformity Name of the Manufacturer Anker Innovations Limited

Version V1.0 Address of the Manufacturer Name of the Product Trade Mark Mode

No. Anker Innovations Limited Room 1318-19, Hollywood Plaza, 610 Nathan Road,

Mongkok, Kowloon, Hong Kong Nebula Cosmos Max NEBULA **D2150**...

lang:en score:18 filesize: 93.72 K page_count: 1 document date: 2020-07-27

Label Location:



Product Name Nebula Cosmos Max
Model No.: D2150
FCC: 2AOKB-MESHMIFI

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

[\[pdf\]](#) Label

Label Location USER Bytelogistic Inc MESHMIFI 2A4CD 2A4CDMESHMIFI meshmifi

Label Location: Product Name: Nebula Cosmos Max Model No.:**D2150** FCC:

2A4CD-MESHMIFI This device complies with Part 15 of the FCC Rules. Operation is

subject to the following two conditions: 1 This device may not cause harmful

interference, and 2 This device must accept any interference received...

lang:en score:15 filesize: 117.15 K page_count: 1 document date: 2022-01-25

Anker Innovations Limited
Supplier's Declaration Of Conformity

For the FCC SDoC Procedure

The following Equipment adapt FCC SDoC Procedure according to FCC part 2.906 :

Product Name: ____Nebula Cosmos Max____
Brand Name: ____NEBULA____
Model Number: ____D2150____
Report Number: ____SZ20040288E01____

It is hereby confirmed to comply with the requirements of FCC Part 25 Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

It is understood that each unit marketed is identical to the device as tested, and any change to the device that could adversely affect the emission characteristics will require retest.

The following importer / responsible party is listed as:

Not Available at Certification Stage
Company Name: Anker Innovations Limited
Company Address: Room 1215-12 Hellenes Place, 623 Nathan Road, Hong Kong/Kowloon/Hong Kong
Telephone: +86-5382941219
Fax: /

Parent is responsible for marking this declaration:

Luca's Qi
2020-7-20

Legal Signature Date

[pdf] Declaration of Conformity Test Report

Chung William SDoC letter Anker Innovations Limited D2150 Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150

Anker Innovations Limited Supplier s Declaration Of Conformity for the FCC SDoC Procedure The following Equipment adapt FCC SDoC Procedure according to FCC part 2.906 : Product Name: ____Nebula Cosmos Max____ Brand Name: ____NEBULA____ Model Number: ____D2150____ Report Number: ____SZ20040288E01____ It s ...

lang:en score:14 filesize: 616.24 K page_count: 1 document date: 2020-07-27



[pdf] Product Photos Teardown

25 New User Internal photos Anker Innovations Limited D2150 Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150

...

lang:en score:14 filesize: 2.88 M page_count: 26 document date: 2020-07-27



[pdf] Product Photos

15 New User External Photos Anker Innovations Limited D2150 Nebula Cosmos Max 2AOKB 2AOKBD2150 d2150

...

lang:en score:14 filesize: 1.76 M page_count: 4 document date: 2020-07-27



[\[pdf\]](#) Product Photos

15 New User Test Setup Photos Anker Innovations Limited D2150 Nebula Cosmos Max 2AOKB
2AOKBD2150 d2150

...

lang:en score:14 filesize: 1017.6 K page_count: 4 document date: 2020-07-27

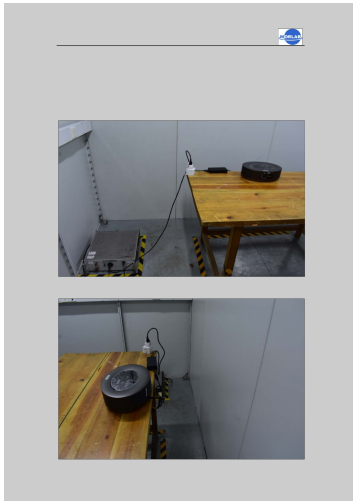


[\[pdf\]](#) Product Photos

4 New User Test Setup Photos Anker Innovations Limited D2150 Nebula Cosmos Max 2AOKB
2AOKBD2150 d2150

...

lang:en score:14 filesize: 941.55 K page_count: 3 document date: 2020-07-27

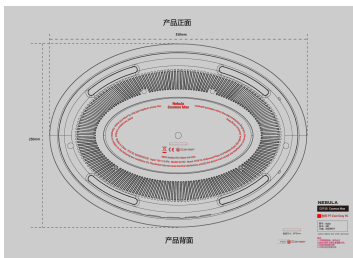


[\[pdf\]](#) Product Photos

15 New User Test Setup Photos Anker Innovations Limited D2150 Nebula Cosmos Max 2AOKB
2AOKBD2150 d2150

...

lang:en score:14 filesize: 941.04 K page_count: 3 document date: 2020-07-27

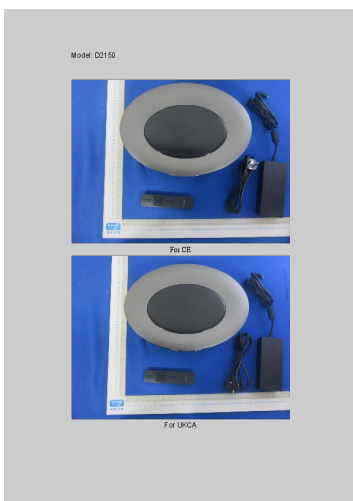


[\[pdf\]](#) Label

20200611 Cosmos Max V1 ID Label Location Info Anker Innovations Limited D2150 Nebula 2AOKB
2AOKBD2150 d2150

...

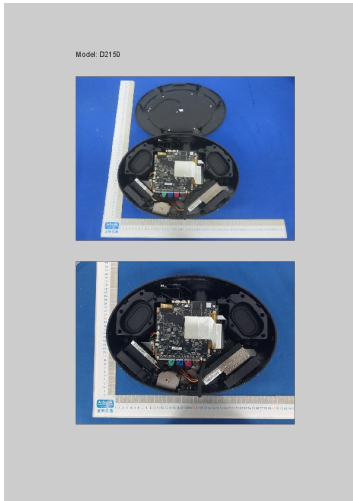
lang:en score:13 filesize: 1.28 M page_count: 1 document date: 2020-06-11



[Nebula Cosmos Max D2150 Smart Projector Overview and Specifications](#)

An overview of the Nebula Cosmos Max D2150 smart projector, detailing its design, power adapter specifications (Huntkey HKA18019095-6C), and compliance certifications including CE, UKCA, FCC, CULUS, and CCC.

lang:en score:13 filesize: 492.96 K page_count: 5 document date: 2021-04-02



[\[pdf\]](#) Product Photos Teardown

Figure 5 anbotek Internal Photos Anker Innovations Limited D2150X Nebula Cosmos Max 2AOKB 2AOKBD2150X d2150x

Model: **D2150** WiFi 2.4G ANT B WiFi 5.1G/5.8G ANT B BT ANT BLE ANT WiFi 2.4G ANT A WiFi 5.1G/5.8G ANT A ...

lang:en score:13 filesize: 2.33 M page_count: 13 document date: 2021-04-02



[\[pdf\]](#)

Winkey Wang 18220WC10028301 D2150 FCC ID Report BDR EDR Anker Innovations Limited D2150X Nebula Cosmos Max 2AOKB 2AOKBD2150X d2150x

...

lang:en score:11 filesize: 2.4 M page_count: 52 document date: 2021-04-14