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GAN GAN 356 i Carry S

GAN 356 i Carry S Smart Cube Magnetic User Manual

Comprehensive instructions for your GAN 356 i Carry S Smart Cube.

1. INTRODUCTION

The GAN 356 i Carry S is an advanced 3x3 smart speed cube designed for enhanced solving experiences. It integrates magnetic positioning with smart technology, allowing connection to the CubeStation App for tracking, analysis, and online competition. This manual provides essential information for setting up, operating, and maintaining your smart cube.



Image 1.1: The GAN 356 i Carry S Smart Cube alongside its companion CubeStation app interface.

2. SAFETY INFORMATION

Warning: Not suitable for children under 36 months due to small parts which may present a choking hazard. Always supervise young children during use. Keep batteries out of reach of small children.

3. PACKAGE CONTENTS

Verify that all items are present in your GAN 356 i Carry S package:

- GAN 356 i Carry S Smart Cube
- User Manual
- ID Card
- Carrying Pouch
- 2 Sets of Springs (for tension adjustment)

- 2 Sets of Nut Caps (for tension adjustment)
- LBL & CFOP Tutorial (solving guides)
- GAN Box (storage case)
- 2 LR44 Batteries (pre-installed or included separately)



Image 3.1: Overview of the GAN 356 i Carry S package contents.

4. SETUP

4.1. Initial Activation

To activate your GAN 356 i Carry S for the first time, rotate the white side of the cube 360 degrees in the same direction within 3 seconds. This initiates the internal electronics.

4.2. Installing the CubeStation App

The GAN 356 i Carry S requires the CubeStation App for its smart features. The app is compatible with iOS 9.0+ and Android 4.4+ devices.

1. Search for "CubeStation" in your device's app store (Google Play Store for Android, Apple App Store for iOS).
2. Download and install the application.
3. Follow the on-screen instructions to create an account or log in.

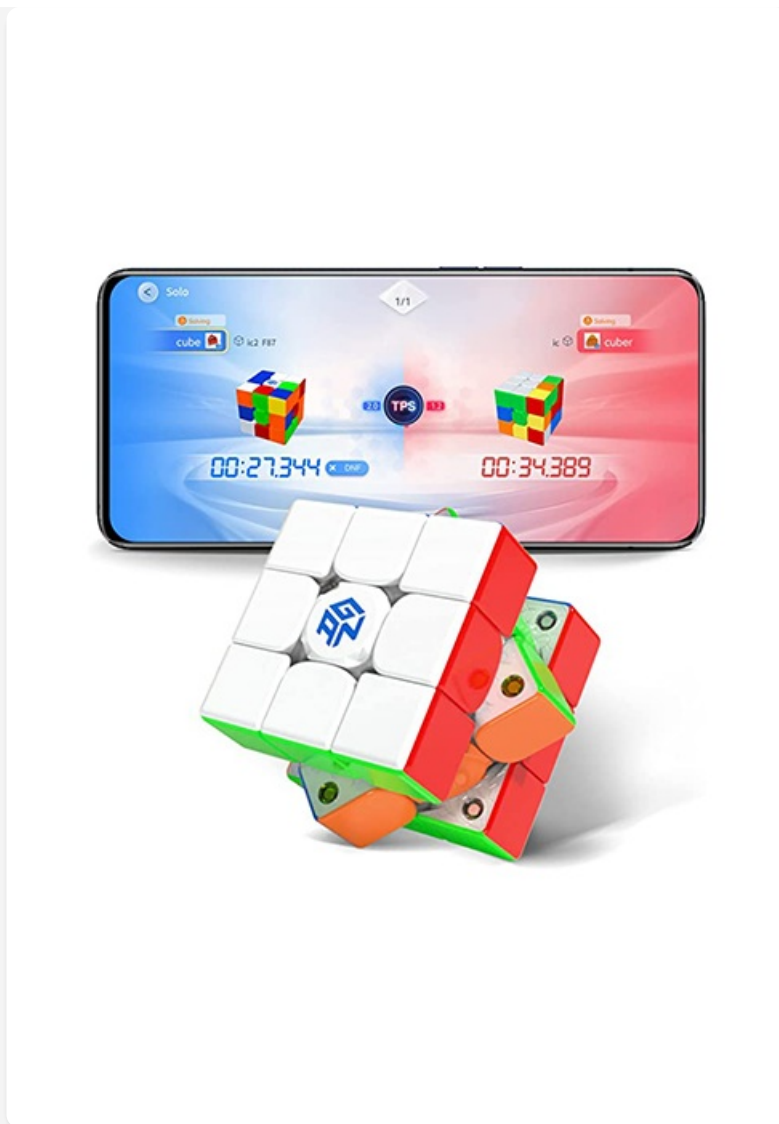


Image 4.1: CubeStation App download options.

4.3. Connecting to the App via Bluetooth

Ensure Bluetooth is enabled on your smartphone or tablet.

1. Open the CubeStation App.
2. Navigate to the device connection section (usually indicated by a Bluetooth icon or "Connect Device").
3. The app will search for nearby GAN smart cubes. Select your GAN 356 i Carry S from the list to pair.
4. Once connected, the app will display the cube's status.

5. OPERATING THE SMART CUBE

5.1. Basic Cube Operation

The GAN 356 i Carry S functions as a standard 3x3 speed cube. Its magnetic design provides a stable and smooth turning experience. Practice solving algorithms and improving your turning speed.

5.2. Using the CubeStation App Features

The CubeStation App unlocks the full potential of your smart cube:

- **Real-time Tracking:** The app tracks your cube's movements, including move count, Turns Per Second (TPS), and algorithms used during solves.

- **Performance Analysis:** Receive detailed analytics after each solve to identify areas for improvement, such as fluency, step efficiency, and time distribution.
- **Algorithm Library:** Access a library of over 200 algorithms and create your own custom algorithms.
- **Tutorials:** For beginners, the app offers video tutorials and 7-step solving instructions to guide you through the solving process.
- **Online Battles:** Compete in real-time with other cubers globally, matching with players of similar skill levels.

1 hrs to be a real cuber

1 Algorithm Library

You can learn with more than 200 algorithms, and even support you to create your own algorithm.



2 Professional Analysis

Every single move and solve will be tracked and analyzed in the application, and you can clearly know which part needs improvement.

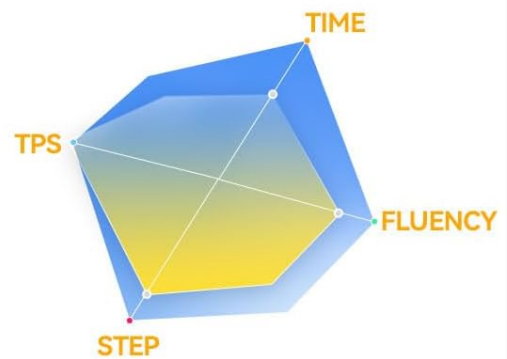


Image 5.1: CubeStation App features for algorithm learning and performance analysis.

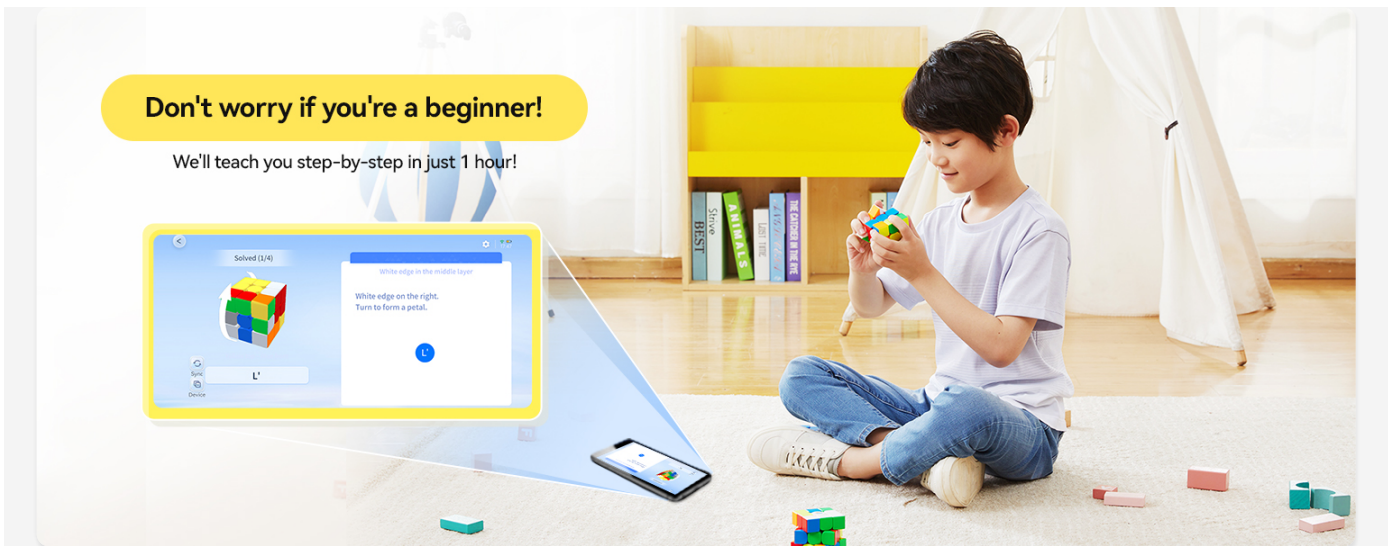


Image 5.2: The CubeStation app provides guided tutorials for learning to solve the cube.



Image 5.3: Online battle feature within the CubeStation app.

6. MAINTENANCE

6.1. Cleaning Your Cube

Wipe the cube surfaces with a soft, dry cloth to remove dust and fingerprints. Avoid using harsh chemicals or abrasive materials, as these can damage the plastic and colors.

6.2. Tension Adjustment

The GAN 356 i Carry S comes with extra springs and nuts for tension adjustment. You can customize the cube's feel by changing the spring compression. Refer to the included LBL & CFOP Tutorial or GAN's official resources for detailed instructions on how to adjust the tension.

6.3. Battery Replacement

The GAN 356 i Carry S uses replaceable LR44 batteries, providing approximately 330 hours of playtime. When the cube's smart features become unresponsive or the app indicates low battery, it's time to replace them.

1. Locate the battery compartment, typically under one of the center caps.
2. Carefully remove the center cap and the screw securing the battery cover.
3. Remove the old LR44 batteries.

4. Insert new LR44 batteries, ensuring correct polarity.
5. Replace the battery cover and secure it with the screw, then reattach the center cap.

Note: Battery replacement can be intricate. If you are unsure, consult GAN's official support or instructional videos.

7. TROUBLESHOOTING

If you encounter issues with your GAN 356 i Carry S, try the following solutions:

- **Cube Not Activating:** Ensure you perform the 360-degree rotation of the white side within 3 seconds for initial activation.
- **Connection Issues:**
 - Verify Bluetooth is enabled on your device.
 - Ensure the cube is within close proximity to your device.
 - Restart the CubeStation App and try reconnecting.
 - If the connection drops frequently during fast turns, try moving closer to your device or minimizing other Bluetooth interference.
- **App Functionality Problems:**
 - Ensure your CubeStation App is updated to the latest version.
 - Check your device's operating system for available updates.
 - Clear the app's cache or reinstall the app if issues persist.
- **Inaccurate Tracking:** Ensure the cube's battery is not low. Low battery can affect sensor performance.
- **Cube Feels Stiff/Loose:** Adjust the cube's tension using the included springs and nuts as described in the Maintenance section.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	2.2 x 2.2 x 0.04 inches
Item Weight	2.82 ounces
Model Number	GAN 356 i Carry S
Manufacturer Recommended Age	6 years and up
Batteries	2 LR44 batteries (included)
Battery Life	Approximately 330 hours of playtime
Connectivity	Bluetooth
App Compatibility	iOS 9.0+, Android 4.4+

9. WARRANTY AND SUPPORT

GAN provides 18-month customer support for the GAN 356 i Carry S. For technical assistance, warranty claims, or any product-related inquiries, please contact GAN customer service through their official website or the CubeStation

App's support section.

Please retain your proof of purchase for warranty purposes.



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