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› iScooter i8 Electric Scooter User Manual

iScooter i8

iScooter i8 Electric Scooter User Manual

Model: i8

1. INTRODUCTION

Thank you for choosing the iScooter i8 Electric Scooter. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your scooter. Please read this manual thoroughly before your first ride to ensure optimal performance and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

WARNING: Riding an electric scooter carries inherent risks. Always wear a helmet and appropriate protective gear. Familiarize yourself with local laws and regulations regarding electric scooter usage.

- Always wear a helmet, knee pads, and elbow pads.
- Do not ride in wet conditions, heavy rain, or through puddles deeper than 2 cm.
- Avoid riding on uneven surfaces, potholes, or obstacles.
- Do not perform stunts or sudden maneuvers.
- Maintain a safe distance from other vehicles and pedestrians.
- Ensure both brakes are functioning correctly before each ride.
- Do not exceed the maximum weight limit of 100 kg.
- Children under 16 years old should not operate the scooter without adult supervision.
- Always hold the handlebars with both hands while riding.

3. PACKAGE CONTENTS

Please check the contents of your package. If any items are missing or damaged, contact your retailer or iScooter customer support.

- iScooter i8 Electric Scooter
- Power Adapter/Charger
- User Manual
- Assembly Tools (if required)

4. PRODUCT OVERVIEW

The iScooter i8 is a foldable electric scooter designed for efficient urban commuting. It features an intelligent propulsion system, robust braking, and a convenient folding mechanism.

4.1 Key Components



Figure 4.1: Overview of the iScooter i8 Electric Scooter. This image displays the full scooter from a side-front angle, highlighting its sleek design and main components like the handlebars, deck, and wheels.

4.2 Intelligent Propulsion System

The i8 features a powerful 500W maximum output motor, providing instant kinetic energy release and variable acceleration for inclines up to 15 degrees.



Figure 4.2: Close-up of the i8's intelligent propulsion system. This image shows the rear wheel with an illuminated internal motor mechanism, indicating its power and efficiency.

4.3 Revolutionary Battery Performance

Equipped with a 5.2 AH rechargeable battery, the i8 offers a maximum cruising range of 20 kilometers. It also features kinetic energy recovery, regaining 12% of power when braking, and a 30% reduction in consumption.



Figure 4.3: Illustration of the i8's battery performance. This image shows the scooter's deck with an illuminated battery pack visible underneath, emphasizing its energy efficiency and recovery capabilities.

4.4 Braking System

The i8 incorporates a dual braking system for safety: a rear hub brake and a hidden electronic brake. This system has been tested for progressive and secure stopping.



Hecho para moverse fácilmente

Figure 4.4: Visual representation of the i8's braking system. This image shows a person riding the scooter, with insets detailing the electronic brake lever on the handlebar and the drum brake on the rear wheel.

4.5 Handlebar Controls

The handlebar features an integrated display and controls for various functions.



Figure 4.5: Close-up of the i8's handlebar controls. This image highlights the central display and buttons, indicating functions such as light control, gear shifting, mileage display, start mode selection, and cruise control activation.

1. **Light Control:** Turn the headlight on/off.
2. **Gear Shift:** Change between speed modes.
3. **Mileage Display:** Toggle public mileage display.
4. **Start Mode:** Change the scooter's start mode.
5. **Cruise Control:** Activate/deactivate cruise control.

4.6 Pneumatic Tires

The i8 is equipped with 8.5-inch pneumatic tires, offering a longer lifespan, wear resistance, and low maintenance.



Figure 4.6: Close-up of the i8's pneumatic front tire. This image highlights the tire's construction and its contribution to ride comfort and durability.

5. SETUP

5.1 Unfolding the Scooter

The iScooter i8 features a one-touch folding system for convenience. To unfold:

1. Place the scooter on a flat surface.
2. Locate the folding mechanism latch near the base of the handlebar stem.
3. Release the latch and carefully lift the handlebar stem until it locks into the upright position. Ensure it clicks securely.
4. Adjust the handlebar height if necessary (if applicable to your model).

The iScooter logo is located in the top left corner of the image. It consists of the word "iScooter" in a white, sans-serif font, with the "i" in lowercase and "Scooter" in title case. The logo is set against a black rectangular background.A woman with long brown hair and glasses, wearing a light blue button-down shirt and beige pants, is walking on a sidewalk. She is carrying a black i8 electric scooter under her arm. The scooter is folded, with the handlebars and front wheel tucked up towards the deck. The scooter has red accents on the wheels and the frame. In the background, there is a yellow bus with its door open, and the scene is set in a sunny, urban environment with trees and a clear sky.

Sistema de plegado de 1 toque

Fácil de transportar y solo pesa 12KG

Figure 5.1: Illustration of the i8's folding and unfolded dimensions. This image shows the scooter in both its upright and folded configurations, demonstrating its compact design for storage and transport.

5.2 Initial Charging

Before your first ride, fully charge the scooter's battery. The charging port is typically located on the side of the deck.

- Connect the power adapter to the charging port.
- Plug the adapter into a power outlet.
- The indicator light on the charger will typically turn red during charging and green when fully charged.
- Do not overcharge the battery. Disconnect the charger once charging is complete.

5.3 Connecting to the KCQ App

Enhance your riding experience by connecting your i8 scooter to the free KCQ app (available for iPhone and Android) via Bluetooth.

1. Download the KCQ app from your device's app store.

2. Ensure your scooter is powered on and Bluetooth is enabled on your smartphone.
3. Open the KCQ app and follow the on-screen instructions to pair with your i8 scooter.
4. Through the app, you can access features such as locking/unlocking, light control, gear adjustment, start mode selection, and cruise control.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- To power on: Press and hold the power button on the handlebar display.
- To power off: Press and hold the power button until the display turns off.

6.2 Riding the Scooter

1. Place one foot firmly on the scooter deck.
2. Use your other foot to push off the ground gently.
3. Once you have some momentum, press the accelerator lever to engage the motor.
4. Place your second foot on the deck.
5. To slow down or stop, release the accelerator and gently apply the brake levers.

6.3 Speed Modes

The i8 offers three adjustable speed modes:

- **Mode 1:** Approximately 13 km/h
- **Mode 2:** Approximately 20 km/h
- **Mode 3:** Approximately 25 km/h (Maximum Speed)

You can switch between modes using the control button on the handlebar or via the KCQ app.

6.4 Folding for Transport

The one-touch folding system allows for quick and convenient storage or transport.



Figure 6.1: A person demonstrating the i8's one-touch folding system by carrying the folded scooter onto a bus. This illustrates the scooter's portability and ease of transport.

1. Ensure the scooter is powered off.
2. Locate the folding latch at the base of the handlebar stem.
3. Release the latch and carefully fold the handlebar stem downwards until it secures into the folded position. This process takes approximately 3 seconds.
4. The folded scooter weighs only 12 kg, making it easy to carry and store in car trunks or public transport.

7. MAINTENANCE

7.1 General Care

- Regularly clean your scooter with a damp cloth. Do not use high-pressure water or harsh chemicals.
- Store the scooter in a dry, cool place, away from direct sunlight and extreme temperatures.
- Avoid exposing the scooter to prolonged moisture.

7.2 Battery Care

- Charge the battery regularly, even if the scooter is not in use for extended periods (at least once every 30 days).
- Do not allow the battery to fully discharge for long periods.
- Use only the original charger provided by iScooter.

7.3 Tire Maintenance

- Check tire pressure regularly. Proper inflation ensures optimal performance and extends tire life.
- Inspect tires for wear, punctures, or damage before each ride.

7.4 Brake System Check

- Before each ride, test both the electronic and drum brakes to ensure they respond effectively.
- If you notice any degradation in braking performance, have the scooter inspected by a qualified technician.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter does not power on.	Low battery; Power button not pressed correctly.	Charge the battery; Press and hold the power button firmly.
Motor not engaging.	Insufficient initial push-off; Accelerator fault.	Ensure a strong initial push-off; Check accelerator connection.
Reduced range or speed.	Low tire pressure; Overloaded scooter; Battery degradation.	Inflate tires to recommended pressure; Reduce load; Contact support for battery check.
Brakes feel weak.	Brake cable adjustment needed; Worn brake pads.	Adjust brake cable tension; Replace brake pads (professional service recommended).
Cannot connect to KCQ App.	Bluetooth off; Scooter not powered on; App issue.	Ensure Bluetooth is on and scooter is powered; Restart app/scooter; Reinstall app.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact iScooter

customer support.

9. SPECIFICATIONS

Feature	Detail
Brand	iScooter
Model Name	i8
Color	Black
Motor Power (Max)	500W
Maximum Speed	25 km/h (15.5 mph)
Maximum Range	20 km (12.4 miles)
Battery Capacity	5.2 AH
Weight Limit	100 kg (220 lbs)
Wheel Size	8.5 inches
Tire Type	Pneumatic
Brake Type	Rear Hub Brake + Electronic Brake
Frame Material	Aluminum
Handlebar Type	Adjustable
Folding Mechanism	One-touch folding
Product Weight	12 kg (26.5 lbs)
Manufacturer	Shenzhen Xincheng Times Technology Co.,Ltd

10. WARRANTY AND SUPPORT

10.1 Product Warranty

iScooter is committed to providing reliable and high-quality products. We offer a limited warranty for the i8 Electric Scooter:

- **General Warranty:** 365 days from the date of purchase.
- **Specific Parts Warranty:** 180 days for certain components (details may vary, please refer to your purchase documentation or contact support for specifics).

This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

10.2 Customer Support

If you have any questions, require assistance with setup, operation, maintenance, or need to claim warranty service, our professional customer service team is available to help.

Please refer to your purchase documentation or the iScooter official website for the most current contact information.

Your satisfaction is our primary goal.

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