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## VELECO Cristal

# VELECO CRISTAL 3-Wheel Mobility Scooter

## USER MANUAL

### Welcome to Your VELECO CRISTAL

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Congratulations on your purchase of the VELECO CRISTAL 3-wheel mobility scooter. This manual provides essential information for the safe and effective operation, maintenance, and care of your new scooter. Please read this manual thoroughly before operating the scooter to ensure a full understanding of its features and functions. Proper use and maintenance will ensure years of reliable service.

### Important Safety Information

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Your safety is paramount. Always adhere to the following safety guidelines:

- Always wear appropriate safety gear, including a helmet, when operating the scooter.
- Do not operate the scooter under the influence of alcohol or drugs.
- Ensure all lights and indicators are functioning correctly before each ride.
- Familiarize yourself with local traffic laws and regulations regarding mobility scooters.
- Avoid sudden stops or turns, especially at higher speeds.
- Do not exceed the maximum weight capacity of 160 kg (352 lbs).
- Keep hands and feet clear of moving parts.
- Charge the battery only with the provided charger and in a well-ventilated area.

### Product Overview and Components

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The VELECO CRISTAL is a robust and elegantly designed 3-wheel electric mobility scooter, offering comfort, stability, and ease of use. Below are key views and components of your scooter.



Figure 1: Overall view of the VELECO CRISTAL mobility scooter in white.



Figure 2: Detailed diagram illustrating key components such as mirrors, LED headlight, indicators, drum brake, charging port, adjustable backrest, foldable armrests, large seat, storage box, rear lights, reflector, motor, and tubeless tires.





Figure 3: Front view showcasing the scooter's headlight and front wheel.



Figure 4: Rear view displaying the scooter's tail lights and rear wheels.



Figure 5: View of the ignition key slot and accessible storage compartment.



Figure 6: The analog speedometer and odometer display, showing speed in km/h and battery level.

## Initial Setup

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Your VELECO CRISTAL scooter comes fully assembled and ready to use. The primary setup involves charging the battery.

### Charging the Battery



Figure 7: Location of the charging port on the scooter.

1. Locate the charging port on your scooter (refer to Figure 7).
2. Ensure the scooter is turned off before connecting the charger.
3. Plug the charger into a standard wall outlet.
4. Connect the charger's output plug to the scooter's charging port.
5. The charger indicator light will show the charging status (typically red for charging, green for fully charged).
6. Allow the battery to charge fully before the first use, which may take several hours.

7. Once fully charged, disconnect the charger from the scooter and then from the wall outlet.

## Operating Your VELECO CRISTAL

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Operating your scooter is straightforward. Familiarize yourself with the controls before riding.



Figure 8: Close-up of the handlebar controls, including speed mode selector and reverse switch.

### Starting the Scooter

1. Insert the key into the ignition and turn it to the 'ON' position.
2. Check the battery indicator on the dashboard to ensure sufficient charge.
3. Select your desired speed mode (high or low) using the switch on the handlebar (refer to Figure 8).

### Driving

- Gently twist the throttle on the right handlebar to accelerate.
- Maintain a comfortable and safe speed.
- Use the handlebars to steer.

### Braking

- Apply the brake levers on both handlebars smoothly and evenly to slow down or stop.
- The scooter is equipped with a parking brake for secure parking. Engage it when stationary.

### Reverse Function

- To engage reverse, press the 'R' button or switch on the handlebar (refer to Figure 8).
- Proceed slowly and cautiously when in reverse, checking your surroundings.

## Maintenance and Care

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Regular maintenance ensures the longevity and optimal performance of your VELECO CRISTAL scooter.

- **Battery Care:** Always charge the battery fully after each use. Avoid completely draining the battery. If storing for an extended period, charge it every 2-3 months.
- **Tire Pressure:** Regularly check tire pressure and inflate to the recommended PSI (refer to tire sidewall for details).
- **Cleaning:** Clean the scooter with a damp cloth and mild detergent. Avoid using high-pressure washers directly on electrical components.
- **Brakes:** Periodically check brake functionality and adjust if necessary. If brakes feel spongy or ineffective, consult a

qualified technician.

- **General Inspection:** Before each ride, quickly inspect for loose bolts, damaged wires, or unusual noises.

## Troubleshooting Common Issues

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This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
Scooter does not turn on.	Battery is low or dead; ignition key not fully inserted/turned.	Charge the battery; ensure key is fully inserted and turned to 'ON'.
Reduced range or power.	Battery not fully charged; aging battery; low tire pressure.	Ensure full charge; consider battery replacement if old; check and inflate tires.
Brakes feel weak.	Brake pads worn; brake cable loose.	Inspect brake pads and replace if necessary; adjust brake cable tension or seek professional help.
Unusual noises during operation.	Loose components; motor issue.	Check for loose bolts and tighten; if noise persists, contact customer support.

## Technical Specifications

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Here are the detailed specifications for your VELECO CRISTAL mobility scooter:

Feature	Specification
Brand	VELECO
Model Name	CRISTAL
Product Dimensions (L x W x H)	170 x 70 x 125 cm (67 x 27.5 x 49.2 inches)
Item Weight	120 Kilograms (264.5 lbs)
Maximum Weight Recommendation	160 Kilograms (352 lbs)
Motor Power	1000 W Electric Motor
Wheel Size	3 Inches (Note: This might refer to rim size, actual tire diameter will be larger)
Material	Metal
Handle Type	Ergonomic
Age Recommendation	Adult

## Warranty and Customer Support

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For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. VELECO is committed to providing high-quality products and excellent customer service.

If you have any questions, require technical assistance, or need to report an issue, please contact the seller or

manufacturer directly. Contact details can typically be found on the product packaging or the seller's website.

