

HONEYWHALE V4

HONEYWHALE V4 Electric Tricycle User Manual

Model: V4 Electric Tricycle

1. PRODUCT OVERVIEW

The HONEYWHALE V4 Electric Tricycle is designed for adult use, offering a blend of power, range, and intelligent features for convenient travel. This manual provides essential information for the safe assembly, operation, and maintenance of your electric tricycle.

Key Features:

- **High-Efficiency Motor:** 850W maximum power for speeds up to 30 km/h.
- **Long-Range Battery:** 20AH lead-acid battery providing up to 50 km autonomy.
- **Intelligent Security:** Multiple unlocking methods (key, remote, NFC), remote car search, and anti-theft alarm.
- **Flexible Seating:** Adjustable push-pull double seat and a flip-up child seat.
- **Comfortable Ride:** Front and rear cushioning system with 12-inch tires for stability.
- **Advanced Lighting:** LED lens headlights, high-brightness tail lights, and turn signals for night safety.
- **Smart Display:** High-definition LCD screen showing speed, power, mileage, voltage, and fault information.
- **Entertainment:** Integrated Bluetooth stereo system.

Libere sus piernas y viaje con **facilidad**

3 Modos de Velocidad



18KM/H



23KM/H



30KM/H(MAX)

Potencia del Motor **850W**-MAX

Figure 1: HONEYWHALE V4 Electric Tricycle highlighting speed modes and motor power.

Batería de gran capacidad

No es necesario cargarla con frecuencia



Figure 2: Battery specifications of the V4 Electric Tricycle, including capacity, voltage, and range.

2. SAFETY INFORMATION

Read all instructions carefully before operating the HONEYWHALE V4 Electric Tricycle. Failure to follow safety guidelines may result in serious injury or damage to the product.

General Safety Precautions:

- Always wear a helmet and appropriate safety gear when riding.
- Ensure all components are securely fastened and in good working order before each ride.
- Do not exceed the maximum load capacity of 200 kg.
- Observe local traffic laws and regulations.
- Avoid riding in adverse weather conditions (heavy rain, snow, ice).
- Do not operate the tricycle under the influence of alcohol or drugs.
- Keep hands and feet away from moving parts.

- Children should only ride with adult supervision and in the designated child seat.

3. SETUP AND ASSEMBLY

The HONEYWHALE V4 Electric Tricycle requires some assembly. Please follow these general steps. Refer to the included physical user manual for detailed, step-by-step instructions and diagrams.

What's in the Box:

- 1 x V4 Electric Tricycle
- 1 x Charger
- 1 x Tool Kit
- 1 x User Manual (physical copy)

Assembly Steps (General):

1. **Unpacking:** Carefully remove all components from the packaging.
2. **Handlebar Installation:** Attach and secure the handlebars.
3. **Seat Assembly:** Install the main seat and the flip-up child seat as per instructions.
4. **Accessory Attachment:** Install any baskets or mirrors.
5. **Initial Charge:** Fully charge the battery before first use. Connect the charger to the tricycle's charging port and then to a power outlet. The charging time is approximately 8 hours.
6. **Pre-Ride Check:** Before your first ride, ensure all bolts are tightened, tires are properly inflated, and brakes are functioning correctly.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions of your V4 Electric Tricycle for a safe and enjoyable riding experience.

4.1 Starting and Stopping

- **Unlocking:** The tricycle can be unlocked using the traditional key, remote control, or NFC.
- **Power On:** Insert the key and turn it to the 'ON' position, or use the remote/NFC to activate the system. The LCD display will illuminate.
- **Starting:** Gently twist the throttle to engage the motor. Start slowly to get accustomed to the power.
- **Stopping:** Release the throttle and apply the front and rear drum brakes smoothly.
- **Power Off:** Turn the key to 'OFF' or use the remote to deactivate the system.

4.2 Speed Modes

The V4 Electric Tricycle features three adjustable speed modes:

- Mode 1: Approximately 18 km/h
- Mode 2: Approximately 23 km/h

- Mode 3: Up to 30 km/h (Maximum)

Switch between modes using the designated button on the handlebar, as indicated on the LCD display.

4.3 Reverse Function

Engage the one-touch reverse function for maneuvering in tight spaces. The reverse speed is limited to 10 km/h for safety.

4.4 LCD Display

The high-definition LCD screen provides real-time information:

- Current Speed
- Battery Level
- Mileage
- Voltage
- Headlight Indicator
- Turn Signal Indicator
- Fault Information (if applicable)

Diseño cuidado más fácil de usar el coche

• Pantalla extragrande

Fácil visualización de los datos del vehículo para un mejor control.



• Desbloqueo inteligente NFC

Rápida puesta en marcha y capacidad de respuesta.

• Soporte Bluetooth para móvil

Carga tu teléfono móvil y conéctalo a Bluetooth para reproducir música.



Figure 3: The V4's intelligent display, NFC unlock, and Bluetooth connectivity.

4.5 Seating Configuration

The rear seat can be adjusted from a single to a double seat using the push-pull mechanism. A dedicated flip-child seat is also available for safe transport of children.

4.6 Intelligent Security Features

- **Remote Control:** Use the remote to lock/unlock, search for the vehicle, and activate the anti-theft alarm.
- **Anti-Theft Alarm:** If the vehicle is pushed while locked, the motor will resist, and an alarm will sound.
- **NFC Unlocking:** Tap your NFC-enabled device to unlock the tricycle.



Figure 4: Intelligent anti-theft system with remote control.

4.7 Lighting System

The tricycle is equipped with advanced LED lens headlights, high-brightness tail lights, and turn signals to ensure visibility and safety, especially during night riding.

Garantizar la seguridad de la conducción **nocturna**



Figure 5: Front and rear lighting for enhanced night safety.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your HONEYWHALE V4 Electric Tricycle.

5.1 Battery Care

- Charge the battery fully after each use, especially if it will be stored for an extended period.
- Avoid completely draining the battery.
- Store the tricycle and battery in a cool, dry place away from direct sunlight and extreme temperatures.
- Use only the HONEYWHALE approved charger.

5.2 Brakes

- Regularly check the front and rear drum brakes for proper function and wear.
- Adjust or replace brake components as needed by a qualified technician.

5.3 Tires

- Inspect 12-inch tires for wear, punctures, or damage before each ride.
- Maintain recommended tire pressure for optimal performance and safety.

5.4 General Cleaning

- Clean the tricycle with a damp cloth. Avoid using high-pressure water jets directly on electrical components.
- Ensure the tricycle is dry before charging or storing.



Figure 6: Front and rear cushioning system for a comfortable ride.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your V4 Electric Tricycle. For more complex problems, contact customer support.

Problem	Possible Cause	Solution
Tricycle does not power on.	Low battery, loose battery connection, power switch off.	Charge battery, check battery connections, ensure power switch is on.
Motor not engaging.	Throttle issue, motor connection, fault code on display.	Check throttle cable, inspect motor connections, consult manual for fault codes.
Reduced range.	Under-inflated tires, cold weather, excessive load, aging battery.	Check tire pressure, ride in optimal conditions, reduce load, consider battery replacement if old.
Brakes feel weak.	Worn brake pads, loose brake cables.	Inspect brake pads and cables, adjust or replace as necessary.

7. SPECIFICATIONS

Detailed technical specifications for the HONEYWHALE V4 Electric Tricycle.

Feature	Specification
Model	V4 Electric Tricycle
Motor Power	500W (Nominal), 850W (Max)
Maximum Speed	30 km/h
Battery Type	Lead-Acid
Battery Capacity	60V, 20AH
Maximum Electric Range	50 km
Charging Time	Approximately 8 hours
Maximum Load Capacity	200 kg
Tire Size	12 Inches
Braking System	Front and Rear Drum Brakes
Frame Material	Alloy Steel
Waterproof Grade	IPX4
Product Dimensions	152.5 x 75 x 121 cm
Product Weight	81.65 kg (180 lbs)

Feature	Specification
Special Features	3 Speed Modes, Double Push-Pull Seat, Flip-Up Child Seat, Excellent Brake Damping, High Definition LCD Display, One-Touch Reversing Function, Bluetooth Stereo.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official HONEYWHALE website. If you encounter any issues not covered in this manual or require technical assistance, please contact HONEYWHALE customer support through the details provided in your purchase documentation.