Thank you for choosing MAXTRA!

Please take a few minutes to read this user manual before using it. This manual will help you better understand your scooter and, with proper care, it will provide years of trouble-free use.

If you have any questions, please do not hesitate to contact us. If you can attach some pictures or videos, it will help us better understand your difficulties. Our customer service team will give you a satisfactory reply within 24 hours.

Email: maxlead.us@gmail.com
(7x24 hours)
Phone Call: 302-261-5366
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Check List

Brake: Check the brakes for proper function. When you squeeze the lever, the brake should provide positive braking action. Make sure that brakes are not rubbing.

Frame, Fork and Handlebars: Check for cracks or broken connections. Although broken frames are rare. Get into the habit of inspecting your scooter on a regular basis.

Tires: Periodically inspect the tires for excess wear.

Hardware: Check all parts such as nuts, bolts, cables, fasteners, etc. to ensure they are secure and assembled correctly. If the unit is damaged do not ride.

Need Help? Please email maxlead.us@gmail.com for support
1. CHECK AND MAINTAIN SCOOTER CONDITIONS: Before use, check to make sure that any and all parts are in place and in a usable state. Riding an electric scooter does present potential risks and caution is required. Like any riding product, electric scooters can and are intended to move and it is therefore, of course, possible to lose control or otherwise get into dangerous situations. Both children and adults responsible for supervising them must recognize that if such things occur, a rider can be seriously injured or die, even when using safety equipment and other precautions. Neither MAXTRA is responsible for any injuries, damages or legal disputes caused by a rider's inexperience or failure to follow the instructions in this manual.

2. PARENTAL AND ADULT RESPONSIBILITY AND SUPERVISION IS NECESSARY: Because products like electric scooters can and do present potential hazards plainly associated with their use, it is well recognized THE NEED FOR EXERCISE OF PARENTAL RESPONSIBILITY IN SELECTING RIDING PRODUCTS APPROPRIATE TO THE AGE OF A CHILD.

3. The recommended rider age is 6 and older. Any rider unable to fit comfortably on the scooter should not attempt to ride it. A parent’s decision to allow his or her child to ride this product should be based on the child’s maturity, skill and ability to follow rules. Keep this product away from small children and remember that it is intended for use only by persons who are, at a minimum, completely comfortable and competent while operating the scooter. Persons with heart conditions, head, back or neck ailments (or prior surgeries to these areas of the body), or pregnant women, should be cautioned not to operate such products.

4. Always check and obey any local laws or regulations, which may affect the locations where the electric scooter may be used. Keep safely away from cars and motor vehicle traffic at all times, and only use where allowed and with caution.

5. Do not activate the speed control on the hand grip unless you are on the scooter and in a safe, outdoor environment suitable for riding. The normal powered top speed of this scooter will be approximately 13 km/h, which can be affected by conditions, such as rider weight, inclines and battery charge level. Avoid excessive speeds that can be associated with downhill rides.
6. Maintain a hold on the handlebars at all times. Do not touch the brakes or motor on your scooter when in use or immediately after riding as these parts can become very hot.

7. Ride defensively. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Be careful to avoid pedestrians, skaters, skateboards, scooters, bikes, children or animals who may enter your path, and respect the rights and property of others. The electric scooter is intended for use on flat, dry surfaces such as pavement or level ground, without loose debris such as sand, leaves, rocks or gravel. Wet, slick, bumpy, uneven or rough surfaces may impair traction and contribute to possible accidents. Do not ride your scooter in mud, ice, puddles or water. Watch out for potential obstacles that could catch your wheel or force you to swerve suddenly or lose control. Avoid sharp bumps, drainage grates, and sudden surface changes. Do not use on ramps.

8. PROPER RIDING ATTIRE: Always wear proper protective equipment, such as an approved safety helmet (with chin strap securely buckled), elbow pads and kneepads. A helmet may be legally required by local law or regulation in your area. Never ride barefooted or in sandals, and keep shoelaces tied and out of the way of the wheels, motor and drive system.

9. USING THE CHARGER: The charger supplied with the electric scooter should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, the scooter must not be charged until the charger has been replaced.

10. DO NOT EXCEED THE WEIGHT LIMIT OF lbs. The minimum carrying weight shall not be less than 40 lbs and the maximum carrying weight shall not be more than 155 lbs. Rider weight does not necessarily mean a person’s size is appropriate to fit or maintain control of the scooter.
Get To Know Your Scooter

Charger (Charger design may vary from one shown)

- Charger Plug
- Charger Port

Speed Governor

Brake Lever

On/Off Switch

Charge Port

Motor

Battery

Controller

Reset Button

Wheel

Handlebar Stem

1-2.5/1-4/2-5mm wrenches

Screwdriver

8/10/13mm open-end wrenches

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Assemble Your Scooter

(1) Use screws to attach the front wheel to the fork.
(2) Add nut and tighten.

(3) Open the quick release clip and pull down the fold button, one hand presses the folding handle, one hand pulls up the handle lever.
(4) Pull up the handle and lock the quick release after the handle lever is stuck in the fixed position.

(5) Open the quick release clip and pull up the handle bar.
(6) Lock the quick release after the elastic bead is fixed in the hole position.

(7) Rotate the armrest horizontal tube to the appropriate position.
(8) Insert hex screw, turn the knob, use after securing.

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Note

1. Charge immediately after receiving the product.

2. After plugging the charger into the socket, the green light will light up, indicating that the charger is normally connected. When the charging port is connected to the scooter, the red light of the charger lights up, indicating that it is charging.

3. Please turn off the power of the scooter when charging. After turning off the power, the lights of the scooter will not be on during the charging process.

4. The battery must be charged immediately after each use until the indicator light turns green.

Warning

1. The power cord, plug, shell and other parts of the charger should be checked regularly for damage. If there is any damage, the scooter can be charged only after the charger is repaired or replaced.

2. Only use the original charger.

3. Chargers are not toys. The charger should be operated by an adult.

4. Do not operate the charger near flammable objects.

5. Charging time should not exceed 20 hours. After charging, the charger should be removed from the socket in time.

6. Charging, running, storage temperature: 0-40°C/32-104°F

Parameter

Use the only charger Model LC-2538, made by GUANGDONG MARSHELL ELECTRIC VEHICLE CO., LTD.
**Battery Information**

**Maintenance Tips**
1. Charge immediately after each use.
2. Even when not in use, it must be charged every 60 days to protect the battery.
3. Do not let the scooter discharge deeply. When not in use, make sure the scooter's power switch is turned off. If the power switch is left on for a long time, the battery may not be recharged.
4. In order to ensure long battery life, do not store the product in the freezing point or below the freezing point temperature, freezing will permanently damage the battery.

**Warning**
1. Do not attempt to open, repair or change the behavior of the battery, which may damage the battery or cause accidents.
2. If the battery leaks, avoid contact with the leaking acid and place the damaged battery in a plastic bag. If acid comes into contact with skin or eyes, rinse with cold water for at least 15 minutes and contact a doctor.
3. Risk of Fire - No User Serviceable Parts, The prolonged exposure to UV

**Disposal**
Do not dispose of a lead-acid battery in a fire. The battery may explode or leak. Do not dispose of a lead-acid battery in your regular household trash. The incineration, land filling or mixing of sealed lead-acid batteries with household trash is prohibited by law in most areas. Return exhausted batteries to a federal or state approved lead-acid battery recycler or a local seller of automotive batteries.

Batteries are consumables and have a certain life cycle. If you have any questions, please contact us in time.
## Controller

### Information

The controller is the core part of the power control of scooter. If something goes wrong with your scooter, you can see the motorcycle’s status by watching the power LED light flash.

<table>
<thead>
<tr>
<th>Led Lamp</th>
<th>Led Status</th>
<th>Scooter Status</th>
<th>Troubleshooting</th>
</tr>
</thead>
</table>
|                | No Light                    | Controller not working       | 1. Check that the battery and wires are properly connected  
2. Check whether the power switch is in good condition  
3. Check whether overload insurance is good |
|                | Always On (but scooter not work) | Motor not turning           | 1. Check that the motor connector is in good contact  
2. Replace the throttle and motor |
| Flash 1 Time   | Low-voltage protection      |                              | 1. Low voltage, need to charge  
2. Replace the battery |
| Flash 2 Time   | Over-temperature protection |                              | 1. Controller temperature is too high, shut down after a period of time restart |
| Flash 3 Time   | Overcurrent protection      |                              | 1. The controller is overloaded, turn off the main power supply and repower it |
| Flash 4 Time   | Output short circuit protection |                            | 1. Motor short circuit or controller output blue, brown wire short circuit. Replace motor and controller |
| Flash 5 Time   | Speed protection            |                              | 1. The controller MOS device short circuit, replace the controller |
Power Switch:
When the switch is placed in "O", it is in the power off state; When the switch is placed in "-", it is in the energized state. At the same time, the red status indicator beside the switch is on. At this time, the vehicle can be started as long as the accelerating handle is rotated.

Reset Switch:
On the left side of the bottom is the reset button of overcurrent protection switch. When the scooter exceeds the set current for some reason, the overcurrent switch pops up and turns off the power supply of the whole machine. Press the reset button and the overcurrent switch returns to normal.

Speed Control:
Adjust the speed by twisting the Angle of the handle. When the handle is in its original position, the vehicle will stop. When the direction of the arrow to twist the speed control handle, the vehicle is moving forward, let go of the speed control handle, the vehicle is walking slowly by inertia.

Brake Handle:
The principle of combining the mechanical brake system with the electronic brake is adopted. When braking, the brake lock drives the wheel hub to brake. At the same time, the brake hand closes the micro switch inside, and the controller stops the output voltage (motor power off), which makes it easier to brake.
Maintenance & Repair

If you regularly clean and maintain your electric scooter, it will extend its life.

Cleaning and storage: If the electric scooter surface is dirty, wipe it clean with a soft cloth.

DO NOT use alcohol, gasoline, kerosene, or other corrosive chemical solvents to clean the scooter. It can severely damage the appearance and structure of the scooter. Please do not use a pressure washer as it may also cause damage to the electronics.

Storage: When you’re not using your scooter store in a dry and cool location. Avoid storing your scooter outdoors because sun exposure can damage its appearance and may cause wear on the life of the battery and tires.

Tips
Scooters are consumable, with certain parts requiring regular maintenance and replacement

1. Turn off the power and charge it after use
2. Regularly tighten the driving belt to reduce belt shedding and damage
3. Check the tightness of all screws regularly to reduce noise
4. Replace tires regularly to avoid accidents
**Troubleshooting**

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Does Not Work Out Of The Box</strong></td>
<td>Circuit Failure</td>
<td>Obtain the LED lighting status (page 07) to get the situation of the scooter and contact us</td>
</tr>
<tr>
<td></td>
<td>Loose connection</td>
<td>Check for loose connections/wires underneath the deck plate</td>
</tr>
<tr>
<td><strong>Runs Slow</strong></td>
<td>Battery capacity attenuation</td>
<td>Charge/replace the battery</td>
</tr>
<tr>
<td></td>
<td>Throttle fault</td>
<td>Contact us to replace the throttle</td>
</tr>
<tr>
<td></td>
<td>Motor fault</td>
<td>Contact us to replace the motor</td>
</tr>
<tr>
<td></td>
<td>Controller fault</td>
<td>Contact us to replace the controller</td>
</tr>
<tr>
<td></td>
<td>External drag</td>
<td>Adjust the tightness of the brake (the rear wheels should rotate flexibly)</td>
</tr>
<tr>
<td><strong>Short Ride Time</strong></td>
<td>Battery capacity attenuation</td>
<td>Charge/replace the battery</td>
</tr>
<tr>
<td></td>
<td>Motor fault</td>
<td>Contact us to replace the motor</td>
</tr>
<tr>
<td></td>
<td>External drag</td>
<td>Adjust the tightness of the brake (the rear wheels should rotate flexibly)</td>
</tr>
<tr>
<td></td>
<td>Defective electronic brake switch or poor contact with brake connector</td>
<td>When braking, the controller still has a current output (in normal braking, the current output of the controller should immediately drop to &quot;0&quot; after pinching the brake handle), contact us to replace the brake handle or check whether the terminal connection is good</td>
</tr>
<tr>
<td><strong>Noise Coming From The Rear Wheel</strong></td>
<td>Belt is too loose or tight</td>
<td>Adjust the tightness of the belt or contact us to replace the belt</td>
</tr>
<tr>
<td></td>
<td>Screws are loose</td>
<td>Tighten all internal and external screws</td>
</tr>
<tr>
<td></td>
<td>Damage of the wheel</td>
<td>Check whether the wheel is badly worn or dirty, clean the surface of the wheel or contact us to replace the wheel</td>
</tr>
<tr>
<td></td>
<td>Motor fault</td>
<td>Remove the motor, turn the motor by hand, check whether the motor has abnormal sound, motor problems should be contact us to replaced</td>
</tr>
<tr>
<td><strong>Cannot charge</strong></td>
<td>Charger damaged</td>
<td>Check if the charger is working properly (Page 05) and contact us to replace the charger if there is a problem</td>
</tr>
<tr>
<td></td>
<td>Charging port damaged</td>
<td>If there is damage or shedding, you need to contact us to replace the charging port</td>
</tr>
<tr>
<td></td>
<td>Circuit Failure</td>
<td>Contact us to replace the battery and controller</td>
</tr>
</tbody>
</table>

**Words In The End**

Thank you very much for your patience in reading this manual. We have been committed to providing you with better after-sales service, but the electric scooter is a complex electronic product, if you encounter any problems, we hope you can give us a little patience to help you. Thank you again for choosing the MAXTRA electric scooter.