READING STATES

Please read and follow all instructions in this owner's manual before attempting to operate your trailer for the first time. If there is anything you do not understand about this manual, or if you require additional assistance for set-up, please contact your authorized WISKING provider.



Model NO: WiskingQ2-16

Using your WISKING product safely depends on your diligence in following the warnings, cautions, and instructions in this owner's manual. It also depends upon your own good judgment and/or common sense, as well as that of your provider, care giver, and/or healthcare professional. WISKING is not responsible for injuries and/or damage resulting from any person's failure to follow the warnings, cautions, and instructions in this owner's manual. WISKING is not responsible for injuries and/or damage resulting from any person's failure to exercise good judgment and/or common sense.

The symbols below are used throughout this owner's manual to identify warnings and cautions. It is very important for you to read and understand them completely.

WARNING! Failure to heed the warnings in this owner's manual may result in personal injury.

CAUTION! Failure to heed the cautions in this owner's manual may result in damage to your Trailer.

TABLE OF CONTENTS

Ⅰ. INTRODUCTION 3

Ⅱ. SAFETY 4

Ⅲ. YOUR TRAILER 8

Ⅳ. BATTERIES AND CHARGING 11

Ⅴ. OPERATION 12

Ⅵ. COMFORT ADJUSTMENTS 13

Ⅶ. BASIC TROUBLESHOOTING 15

Ⅷ. CARE AND MAINTENANCE 16

Ⅸ. WARRANTY 18

Ⅰ. INTRODUCTION

Welcome to Wisking Electric Machine Co., Ltd. (Wisking) . Congratulations on the purchase of your new Wisking Trailer. Your trailer design combines the most advanced state-of-the-art components with modern, attractive styling. We are sure that the design features and trouble-free operation will add convenience to your daily living and ensure complete satisfaction.

At Wisking, your safety is the most important to us. Please read and follow all of the instructions in this manual before you attempt to operate your trailer for the first time. These instructions were produced for your benefit. Your understanding of these instructions is essential for the safe operation of your new Wisking Trailer.

Wisking is not liable for damage to property or personal injury arising out of the unsafe use of Wisking Trailer, Wisking is also not liable for any property damage or personal injury arising out of the failure of any person and/or user to follow the instructions and recommendations set forth in this manual or any other instructions or recommendations contained in other trailer related literature issued by Wisking or contained on the Wisking Trailer itself.

To the publication up to, this manual translated the newest technology standard and the product information. We withhold this manual of the explanation and the revision right. It is possible that there will be slight difference between any change of our product and the illustration of the manual the explanation and the product which you have purchased. If you meet any questions which you can't solve while you using the " Trailer (" safely, or while you think according to the instruction and/or the recommendation method which according to the manual provides are unable to carry on the safe operation, you all may seek the help from the local dealer of the WISKING.

If you have some advice or request, please contact us by telephone, fax or leave the message on our website .We appreciate your advice and we will continue to improve ore quality and enhance our service ,let us enter into the friendship with the communion, Wisking will be your good friend for ever.

<table>
<tr><td>Company</td><td colspan="4">Shanghai Wisking Electric Machine Co., Ltd</td></tr>
<tr><td rowspan="3">Factury address</td><td colspan="4">No.168 Ping Gang Road, Situan Town , Fengxian District, Shanghai, China</td></tr>
<tr><td>Tel：</td><td>13402073772</td><td>Fax：</td><td>021-51012038</td></tr>
<tr><td>E-mail：</td><td colspan="3">ww5668@126.com</td></tr>
<tr><td>Website</td><td colspan="4">www.wisking.com.cn</td></tr>
</table>

Ⅱ. SAFETY

GENERAL:

WARNING! Do not operate your new trailer for the first time without completely reading and understanding this owner's manual.

Your trailer is a state-of-the-art life-enhancement device designed to increase mobility. Wisking provides an extensive variety of products to best fit the individual needs of the trailer user, Please be aware that the final selection and purchasing decision regarding the type of trailer to be used is the responsibility of the trailer user who is capable of making such a decision and his/her healthcare professional (i.e., medical doctor, physical therapist, etc.).

WARNING! Do not modify your trailer in any way not authorized by Wisking. Unauthorized modifications may result in personal injury and/or damage to your trailer.

REMOVABLE PARTS

WARNING! Do not attempt to lift or move a trailer by any of its removable parts, Personal injury and damage to the trailer may result.

PRE-RIDE SAFETY CHECK

Get to know the feel of your trailer and its capabilities. It is recommended that you perform a safety check before each use to make sure your trailer operates smoothly and safely, For details on how to perform these necessary inspections, see VIII. "Care and Maintenance,"

Perform the following inspections prior to using your trailer:

- Check all electrical connections, Make sure they are tight and not corroded,
- Check the harness, Make sure it is secured properly,
- Check the brakes,
- Check battery charge,

TIRE INFLATION

If your trailer is equipped with air tires, you should check or have the air pressure checked at least once a week, Proper inflation pressures will prolong the life of your tires and help ensure the smooth operation of your trailer.

WARNING! Do not under inflate or over inflate your tires. Low pressure may result in loss of control, and over inflated tires may burst.

WARNING! Inflate your trailer tires {Tom a regulated air source with an available pressure gauge. Inflating your tires from an unregulated air source could over inflate them, resulting in a burst tire and/or personal injury.

INCLINE INFORMATION

WARNING！ You should not travel up or down a potentially hazardous incline(i.e., areas covered with snow, ice, cur grass, or wet leaves).

WARNING! When you climbing an incline, do not drive the switchbacks and do not Forms the angle with the incline, it will reduce the possibility of the turning over.

WARNING！ Do not drive the trailer in the wrong direction when climbing and/or downgrading, in order to avoid injure

The Max. safety climbing angle of the trailer is 8

Please see the figure1.and 2.

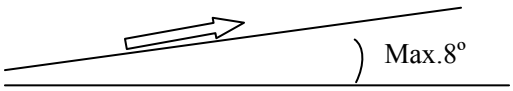


Figure1

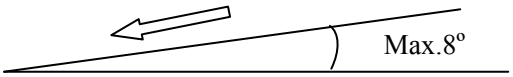


Figure2

WARNING! Any climbing the incline which the angle is more than 8 will hurt yourself and break the trailer.

Handicap public access ramps are not subject to government regulation in all countries, and therefore do not necessarily share the same standard degree of slope.

Other inclines maybe natural or, if man-made, not designed specifically for trailers, Figure 1 illustrates your trailer's stability and its ability to climb grades under various weight loads and under controlled testing conditions.

These tests were conducted with the trailer's seat in the highest position and adjusted rearward on the seat base to its farthest rearward position, Use this information as a guideline, Your trailer's ability to travel up inclines is affected by your weight, your trailer's speed, your angle of approach to the incline, and your trailer setup

WARNING! When cornering sharply, reduce your speed. When using your trailer at higher speeds, do not corner sharply. This greatly reduces the possibility of n tip or fall. To avoid personal injury or property damage, always exercise common sense when cornering.

OUT DOOR DRIVING SURFACES.

Our trailer is designed to provide optimum stability under normal driving conditions –dry, level surfaces composed of concrete, blacktop, or asphalt. However, there will be times when you will encounter other surface types. For this reason, your trailer is designed to perform admirably on packed soil, grass, and gravel. Feel free to use your trailer safely on lawns and in park areas.

- Reduce your trailer’s speed when driving on uneven terrain and/or soft surfaces.
- Avoid tall grass that can become tangled in the running gear.
- Avoid loosely packed gravel and stand.
- If you feel unsure about a driving surface, avoid that surface.

STREETS AND ROADWAYS

WARNING! You should not operate your trailer on public streets and roadways. Be aware that it may be difficult for traffic to see you when you are seated on your trailer. Obey all local pedestrian traffic rates. Wait until your path is clear of traffic, and then proceed with extreme caution.

INCLEMENT WEATHER PRECAUTIONS

WARNING! Wisking recommends that you do not operate your trailer in icy or slippery conditions or on salted surfaces (i.e., walks or roads}. Such using may result in an accident, personal injury, or adversely affect the performance and safety of your trailer.

WARNING! Do not operate or store your trailer where it may be exposed to inclement weather conditions such as rain, snow, mist, and below freezing temperatures (such as storage on an outside car/van lift}. Attempting to operate the trailer in such conditions can damage the electronics and potentially result in loss of control.

STAIRS AND ESCALATORS

Trailers are not designed to travel up or down stairs or escalators. Always use an elevator.

WARNING! Do not use your trailer to negotiate steps or escalators. You may cause injury to yourself and to others and/or damage your trailer.

LIFT/ELEVATION PRODUCTS

If you will be traveling with your trailer, you may find it necessary to use a lift/elevation product to aid in transportation. Wisking recommends that you closely review the instructions, specifications, and safety information set forth by the manufacturer of the lift/elevation product before using that product.

WARNING! Never sit on your trailer when it is being used in connection with any type of lift/elevation product. Your trailer was not designed with such use in mind, and any damage or injury incurred from such use is not the responsibility of Wisking

BATTERIES

In addition to following the warnings below, be sure to comply with all other battery handling information.

BATTERY DISPOSAL AND RECYCLING

If you encounter a damaged or cracked battery, immediately enclose it in a plastic bag and call your authorized Wisking for instructions on disposal, Your authorized Wisking Provider will also have the necessary information on battery recycling, which is our recommended course of action,

MOTOR TRAILER TRANSPORT

Currently, there are no standards approved for tie-down systems in a moving trailer of any type to transport a person while seated in a trailer,

WARNING! Do not sit on your trailer while it is in a moving trailer. Personal injury and/ or property damage may result.

WARNING! Always be sure your trailer and its batteries are properly secured when it is being transported. Failure to de so may result in personal injury and/or damage to your trailer.

PREVENTING UNINTENDED MOVEMENT

WARNING! If you anticipate being seated in a stationary position for an extended period of time, turn off the power. This will prevent unexpected motion from inadvertent throttle control lever contact. Failure to do so may result in personal injury.

WARNING! Do not bend, lean, or reach for objects if you have to pick them up from the floor by reaching down between your knees. Movements such as these may change your center of gravity and the weight distribution of the trailer. This may cause your trailer to tip, possibly resulting in personal injury

REMOVABLE PARTS

Do not push any parts of the trailer, it will hurt the power chair and injury yourself.

PRESCRIPTION DRUGS/PHYSICAL LIMITATIONS

The trailer user must exercise care and common sense when operating his/her trailer. This includes awareness of safety issues when taking prescribed or over-the-counter drugs or when the user has specific physical limitations,

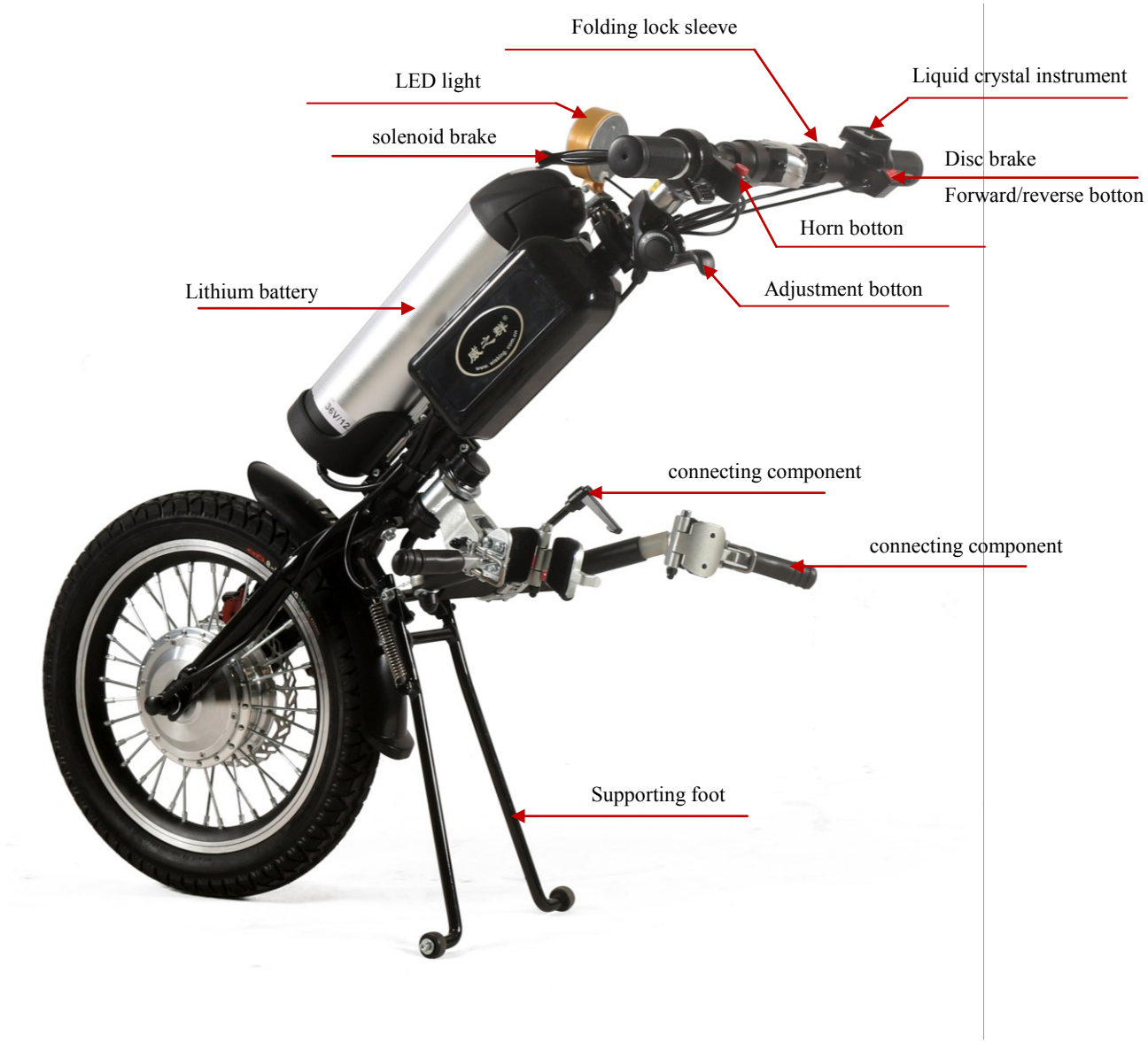
WARNING! Consult your physician if you are taking prescribed or over-the-counter medication or if you have certain physical limitations. Some medications and limitations may impair your ability to operate your trailer in safe manner.

ALCOHOL

The trailer user must exercise care and common sense when operating his/her trailer. This includes awareness of safety issues while under the influence of alcohol.

WARNING! Do not operate your trailer while you are under the influence of alcohol, as this may impair your ability to drive safely.

Ⅲ. YOUR TRAILER



Wheel：	16Inch	Battery：	36V/16AH lithium
Max forward speed：	28KM/H	Range：	30±5KM
Motor：	400W	Weight：	22KG

CONTROL CONSOLE ASSEMBLY

The control console assembly located on the front section houses all of the controls you need to operate your trailer, See the following figure 6.



Figure 6.

（1） Disc brake

（2） Solenoid brake

（3） Horn Switch

This button activate a warning horn

1. The key must be fully inserted into the key switch for the horn to be operational.
2. Do not hesitate to use the warning horn when you feel its use will prevent accident or injury.

（4）Forward and reverse

Usually wisking set this switch to choose the forward and reverse.

（5）Sport Pull this button, it will move.

（6）Liquid crystal instrument Please see the following figure 7.

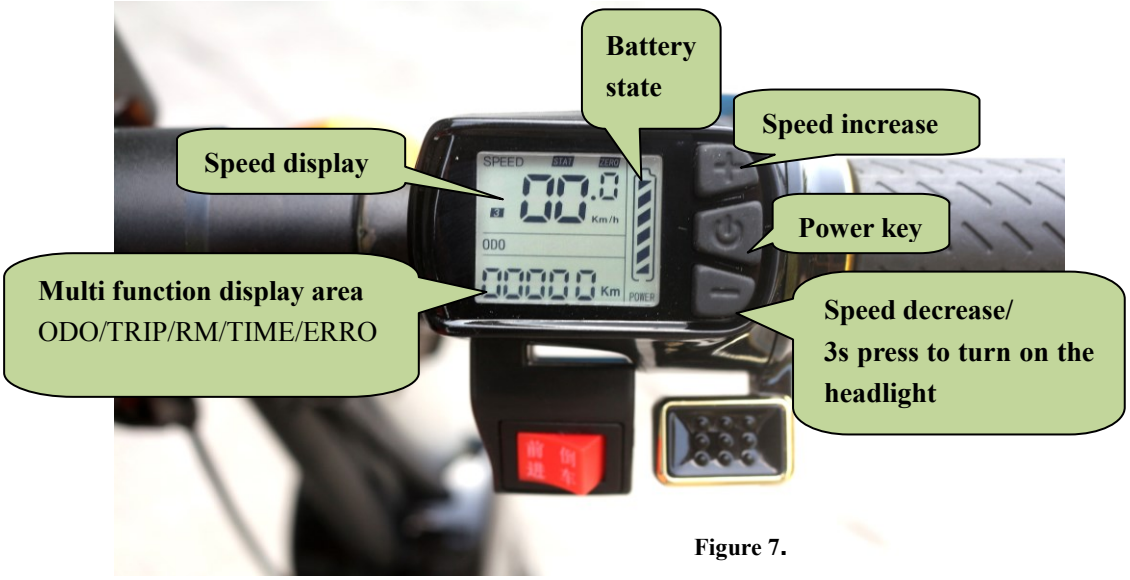


Figure 7.

HOW TO TURN ON/OFF THE HEAD LIGHTS

3 S press of the switch "-"

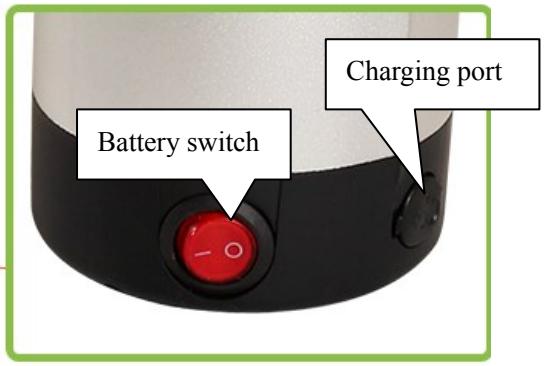
BATTERY CAN BE REMOVE





Hold the button to display the remaining battery power .





WARNING! Ensure that the first charging need more than 12 hours and before the first charging, the batteries should be used empty

1. Charge your trailer's batteries prior to using it for the first time.
2. Keep the batteries fully charged to keep your trailer running smoothly

Ⅳ. BATTERIES AND CHARGING

CHARGING YOUR BATTERIES



Follow these easy steps to charge your battery safely:

1. Turn off the battery key
2. Remove the battery from your trailer.
3. Plug the charger power cord into the receptacle .
4. Extend the charger power cord and plug it into the wall outlet. It is recom
   that you charge your batteries for 4 to 6 hours.
5. When the batteries are fully charged, unplug the charger power cord fi
   outlet and then from the charger power cord receptacle,

BATTERY DISPOSAL AND RECYCLING

WARNING! Never use an extension cord to plug in your battery charger. Plug the charger directly into a properly wired standard wall outlet.

If you encounter a damaged or cracked battery, immediately enclose it ii1 a plastic bag and call your authorized Wisking Provider for instructions on disposal, Your authorized Wisking Provider will also have the necessary information on battery recycling, which is our recommended course of action,

FREQUENTLY ASKED QUESTIONS (FAQs)

How does the charger work?

When battery voltage is low, the charger works harder and sends more electrical current to the batteries to bring up their charge, As battery voltage approaches a full charge, the charger sends less electrical current to the batteries, When the batteries are fully charged, the current sent from the charger is at nearly zero amperage, Therefore, when the charger is plugged in, it maintains the charge on your batteries but does not overcharge them, We do not recommend that you charge your batteries for more than 24 consecutive hours,

CAN I USE A DIFFERENT CHARGER?

Please note that, the battery is lithium battery, can you must use the lithium battery charger, For the safest, most efficient, and balanced charging of the batteries, you should only use the Wisking battery charger.

- If you use your trailer daily, charge its batteries as soon as you finish using it for the day. Your trailer will be ready each morning to give you a "full day" of service. We recommend you charge the batteries for 8 to 14 hours after daily use.
- If you use your trailer once a week or less, charge its batteries at least once a week for 12 to 14 hours at a time.
- Keep the batteries fully charged.
- Do not charge the batteries for more than 24 consecutive hours.

Sports wheelchair installation steps



Step 1 : The" connecting component" is arranged on both sides of the wheel chair frame and fixed.



Step 1



Step 2

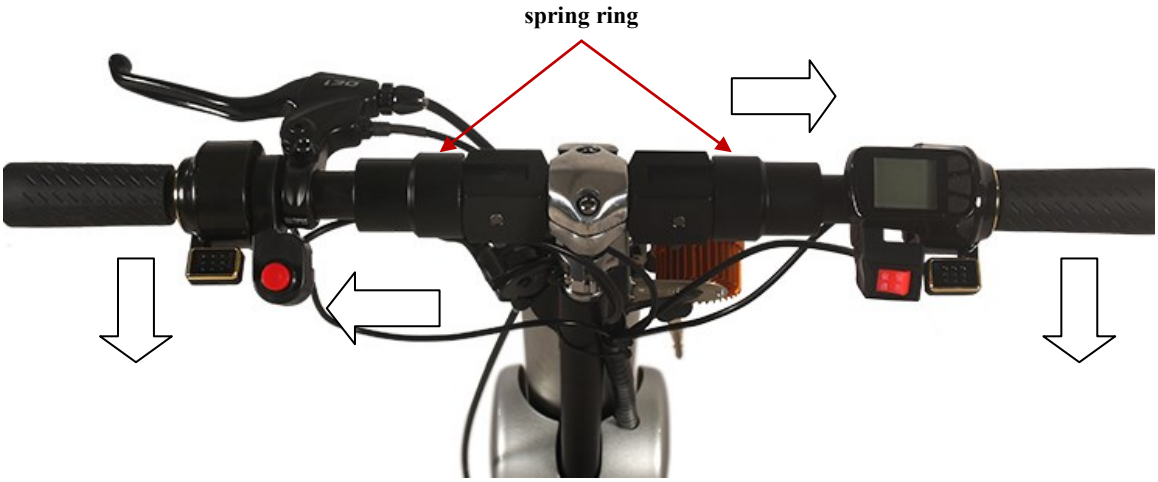
Step 2 : Connect with the trailer and open the key after fixed .

⚠	**WARNING!**	Must to tighten the safety nut before running .
	WARNING!	Never forget to wear seat belts before running.
	WARNING!	Do not take a sudden turn in the case of high speed . This will prevent the trailer overturn .

Ⅵ. COMFORT ADJUSTMENTS

WARNING! Remove the key from the key switch before adjusting the trailer . Never attempt to adjust the trailer while the trailer is in motion.

FOLD UP HANDLEBAR





The left spring ring to the left side, while the left handlebar folded down . Just the same on the other side

The effect after folding

HANDLEBAR HEIGHT ADJUSTMENT



The handlebar height of your trailer can be adjusted upward or downward. See the figure on the left .

1. Loosen the thumbscrews .
2. Slide the handlebar in or out to the desired height.
3. Tighten the thumbscrews.

HANDLEBAR ANGLE ADJUSTMENT



The handlebar angle of your trailer can be adjusted leftward or rightward. Look at the picture above .

1. Loosen the thumbscrews .
2. Slide the handlebar in or out to the desired height.
3. Tighten the thumbscrews.

Ⅶ. BASIC TROUBLESHOOTING

Any electromechanical device requires occasional troubleshooting However, most problems that arise can usually be solved with a bit of thought and common sense. Many of these problems occur because the batteries are not fully charged or because the batteries are worn down and can no longer hold a charge

WHAT IF ALL OF MY TRAILER SYSTEMS APPEAR TO BE "DEAD."

1. Ensure that the batteries are fully charged.
2. Make certain that battery are firmly connected.
3. Make certain that battery switch is turn on
4. Make sure that the front-to-rear harness is firmly connected.
5. Remove and reinsert the key.

WHAT IF THE MAIN CIRCUIT BREAKER REPEATEDLY TRIPS?

- Charge the trailer's batteries more frequently.
- If the problem continues, have both of your trailer's batteries load tested by your authorized Wisking Provider.
- Or, load test the batteries yourself. Load testers are available at most automotive parts stores. Follow the directions supplied with the load tester.

WHAT IF THE BATTERY CONDITION METER DIPS WAY DOWN AND THE MOTOR SURGES OR HESITATES WHEN I PRESS THE THROTTLE CONTROL LEVER?

- Fully charge your trailer's batteries.
- Have your authorized Wisking Provider load test each battery.

FAULT STATUS DISPLAY

When the ERRO in flashing, short press the key to display the interface which corresponding the specific status of the fault content .

ERRO 1: motor fault
ERRO 2: handlebar fault
ERRO 3: controller fault
ERRO 4: power cut and brake
ERRO 5: undervoltage protection
ERRO 6: communication fault. The instrument can't received by the output of the controller .
ERRO 7: communication fault. The controller can't received by the output of the instrument .

If you experience any problems with your trailer that you are not able to handle, immediately contact your authorized Wisking Provider for information, maintenance, and service.

Ⅷ. CARE AND MAINTENANCE

The trailer is a sophisticated victory. Like any motorized trailer, it require maintenance checks. You can check it yourself, but others require assistance from the dealer of WISKING. Preventive maintenance is very important. If you follow the maintenance checks in this section as scheduled, you can help ensure that your trailer gives you years of trouble-free operation. If you have any doubt as to your trailer's care or operation, contact the dealer of the WISKING.

WARNING! Your trailer like most electrical equipment is susceptible to damage from the elements. Avoid damp areas of any kind. Water can cause electrical components to corrode and the chair's frame to rust.

SHOULD YOUR TRAILER COME IN CONTACT WITH WATER?

1. Dry your trailer as thoroughly as possible with a towel.
2. Allow your trailer to sit in a warm, dry place for 12 hours to allow unseen water to evaporate.
3. If any inconsistencies are found, take your trailer to your authorized WISKING Provider.

GENERAL GUIDELINES

- Avoid knocking or bumping the controller
- Avoid prolonged exposure of your trailer to extreme conditions, such as heat, cold, or moisture.
- Keep the motor clean.
- Check all connectors to ensure that they are all tight and secured properly.

NOTE: Please deal with the former battery as the local way of dealing with the castoff.

CORRECTIVE MAINTENANCE

If the battery condition meter does not light up when you turn on the power.

- Check the battery base connections. Make sure they are tight.

If the above conditions prove normal, you can load test the batteries with a battery tester. These testers are available at automotive parts stores. Disconnect batteries before load testing and follow the directions that come with the load tester. If the batteries fails the load test, replace it. If your trailer still does not power up, contact your authorized WISKING Provider.

OTHER CORRELATION COMPLEXION

1、Temperature

Some of the parts of your trailer are easy to extreme changes in temperature. Always keep your trailer between the temperatures of 18 degree to 70 degree.

- In extremely cold temperature the batteries may freeze. The specific temperature at which they freeze depends on a number of factors, such as battery charge, usage, and composition of the batteries.
- The high temperature mey cause your trailer to operate at a reduced speed. This reduce speed is a safety feature built into the controller that helps prevent damage to the motor and other electrical components.

2、Storage

Your trailer should be stored in a dry place, free from temperature extremes. When storing, disconnect batteries from the power.

3、When to see your authorized WISKING Provider for service.

The following symptoms could indicate a serious problem with your wheelchair trailer . If necessary, contact your authorized WISKING Provider. When calling, have the model number, serial number, nature of the problem, and the error code if available.

◆ Motor noise	◆ pulling to one side
◆ Frayed harnesses	◆ bent or broken wheel assemblies.
◆ cracked or broken connections	◆ Jerky motion
◆ uneven wear on any of the tires	◆ powers up, but does not move

WARNING! Do not use a rubber or vinyl conditioner on the trailer, or tire tread. They will become dangerously slippery and result in personal injury and/or damage to your trailer.

Ⅷ. CARE AND MAINTENANCE

BATTERY TERMINAL CONNECTIONS

- Make certain that the terminal connections remain tight
- The batteries must sit straight in the battery wells,

WIRING HARNESSES

- Regularly check all wiring connections,
- Regularly check all wiring insulation, including the charger power cord, for wear or damage,

ABS PLASTIC SHROUDS

The left and right tiller shroud shroud are formed from durable ABS plastic and are coated with an advanced formula urethane paint, A light application of car wax will help the shrouds retain their high gloss,

AXLE BEARINGS AND THE MOTOR/TRANSAXLE ASSEMBLY

You do not need to lubricate these items, as they are all prelubricated and sealed

Ⅸ. WARRANTY

ONE-YEAR LIMITED WARRANTY

One years on all structural frame components.

ONE-YEAR LIMITED WARRANTY

For one (1) year from the date of purchase, Wisking will repair or replace at our option to tile original purchaser, free of charge, any part or electronic component found upon examination by an authorized representative of Wisking to be defective in material and/or workmanship,

The battery is warranted by the battery manufacturer, The battery is not warranted by Wisking, Warranty service can be performed by Wisking or by an authorized Wisking Provider, Do not return faulty parts to Wisking without prior consent, All transportation costs and shipping damage incurred while submitting parts for repair or replacement are the responsibility of the original purchaser,

ONE-YEAR WARRANTY EXCEPTIONS

TRANSAXLE: In cases where there is an increase in the operational noise level, the warranty does not apply,(The increase in operational noise level usually occurs due to abusive and excessive strain on the trailer,)
MOTOR BRAKE: one-year warranty for the electrical function of the motor brake, Brake pads are a wearitem and are not warranted,

WARRANTY EXCLUSIONS

- ABS plastic shrouds and footrest covers (wear items and not warranted)
- Batteries (the battery manufacturer provides a limited warranty)
- Tires and tire tubes (wear items and not warranted)
- Upholstery and seating (wear items and not warranted)
- Repairs and/or modifications made to any part of the trailer without specific and prior consent from Wisking
- Circumstances beyond the control of Wisking
- Damage caused by: battery fluid spillage or leakage, abuse, misuse, accident, or negligence, improper
- operation, maintenance, or storage, commercial use or use other than normal
- Labor, service calls, shipping, and other charges incurred for repair of the product

THERE IS NO OTHER EXPRESS WARRANTY

Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one (1) year from the date of original purchase and to the extent permitted by law. Any and all implied warranties are excluded, This is the exclusive remedy, Liabilities for consequential damages under any and all warranties are excluded,
Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion of limitation of incidental or consequential damages, So, the above limitation or exclusion may not apply to you.