



EW-74

Owner's Manual



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Page 2 - Feature Guide

Page 3 - Technical Specifications

Page 4-8 - Operation of Scooter

Page 9-10 - Charging and Battery Information

Page 10 - Ramps and Curbs

Page 11 - General

Page 11 - Use While Under Influence

Page 12-13 - Safety Requirements

Page 14 - Warranty



Technical Specifications

Model	EW-74
Weight Capacity	400LBS
Speed:	Up to 14mph
Distance:	Up to 45 miles per charge (distance varies on terrain, riders weight, road surface, etc.)
Front Seat: Type	Adjustable Comfort Seat
Front seat: Size	17" x 19" x 23"
Front Windshield:	N/A
Rear Seat: Type	N/A
Rear Seat: Size	N/A
Seat Cushion Height:	24" From Floor
Rear Foot Rest:	N/A
Power:	Electric 48 volts
Motor Wattate:	700 Watt Peak
Motor Type:	Brushless Transaxle with Differential
Amps:	20 AH Batteries
Volts:	48 Volts
Dimensions:	62" x 24" x 44" (LxWxH)
Floor Clearance:	5.5"
Rear Basket:	Oversized Rear Basket
Batteries:	(4) 12 Volt, 20 AH, Deep Cycle, Maintenance Free, SLA
Forward/Reverse switch:	Delta Tiller Lever
LED Lighting Package:	Yes
Front tire size:	3.5" x 10"
Rear tire size:	3" x 14"
Charger:	48 volt Smart Charger
Throttle Type:	Delta Tiller Lever
Key Start:	Yes, Remote Key Fob
Braking System:	Electromagnetic
Folded Height:	42"
Headlight:	LED Halo, Filament Style Headlight With High and Low Beam
Rear lights:	Yes, Running Lights
Electric Horn:	Yes
Scooter Weight:	229 Lbs
Battery Indicator:	Yes
Front Suspension:	Two Front Suspension Springs
Rear Suspension:	Two Rear Suspension Springs
Reflectors:	N/A
Warranty:	3 Year Limited Warranty

Operation of Scooter

1. Turning on The Scooter

Insert key into ignition and turn clockwise to turn the scooter on. The battery indicator bars will display the current charge level when on. Turn the key counter-clockwise to power off when stopped.



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2. Battery Power Indicator Lights

The battery power indicator bars will light up when turned on. The battery indicator bars will only be displayed when the scooter is turned on. The bars represent the scooter's current charge level.



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3. Headlight

The headlight has multiple LED's that are very bright. The headset can be adjusted upwards or downwards as needed to light up the path ahead. Apply light pressure to the headset, and push in the desired direction.



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4. Delta Multi-Directional Variable Throttle

The forward and reverse movements are controlled by the Delta variable throttle. To drive forward, pull the lever on the right hand-side towards you. To drive reverse, pull the lever on the left hand-side towards you. How fast the machine accelerates determines on how far back pull the throttle lever is pulled.



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**Pull Down to Reverse
OR
Push Up to Drive Forward**

*

**Pull Down to Drive Forward
OR
Push Up to Reverse**

5. Electromagnetic and Free Rolling Lever

There is a lever to engage either the electromagnetic braking system, or allows the machine to be free rolling. Pull the lever backwards until you hear a click to activate the electromagnetic brakes. Pull the handle forwards until you hear a click to allow for the machine to free rolling. Do not activate the free rolling mode when on any incline or ramp or injury and damage may occur.



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6. Twist Speed Dial

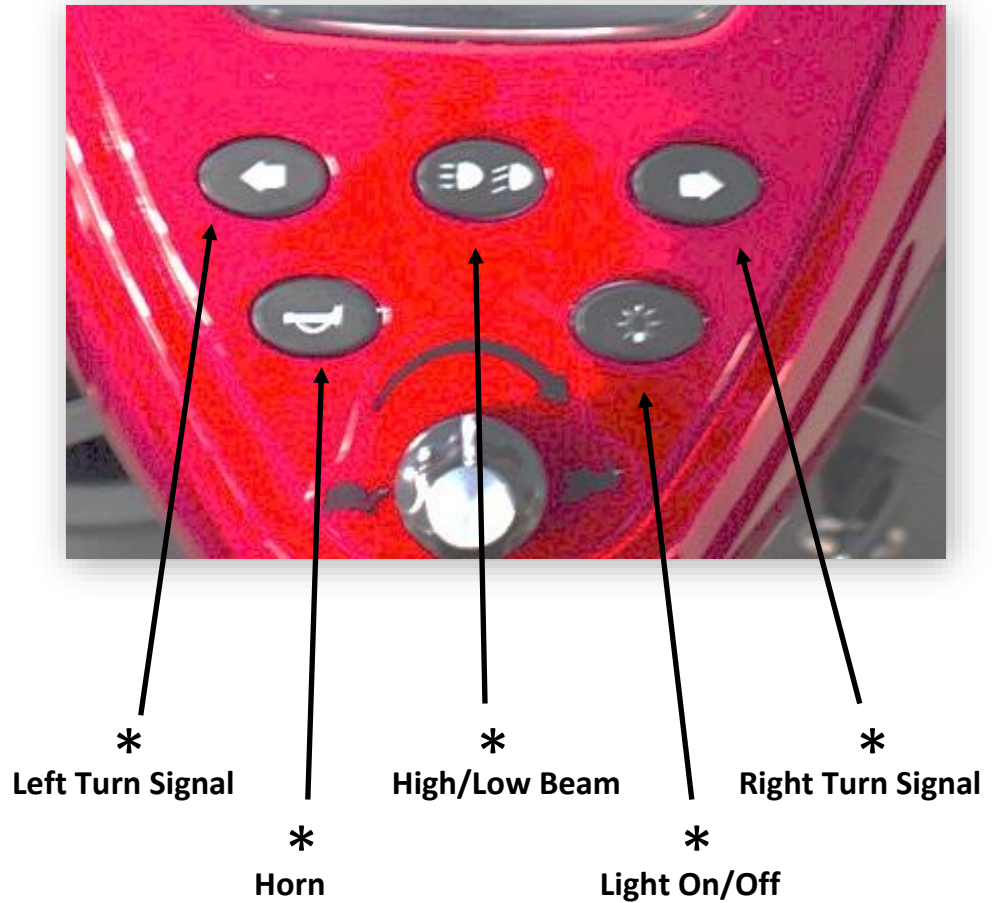
The twist speed dial controls how fast at a maximum the machine can travel. Adjust the dial as needed to control how fast at maximum the machine will travel.



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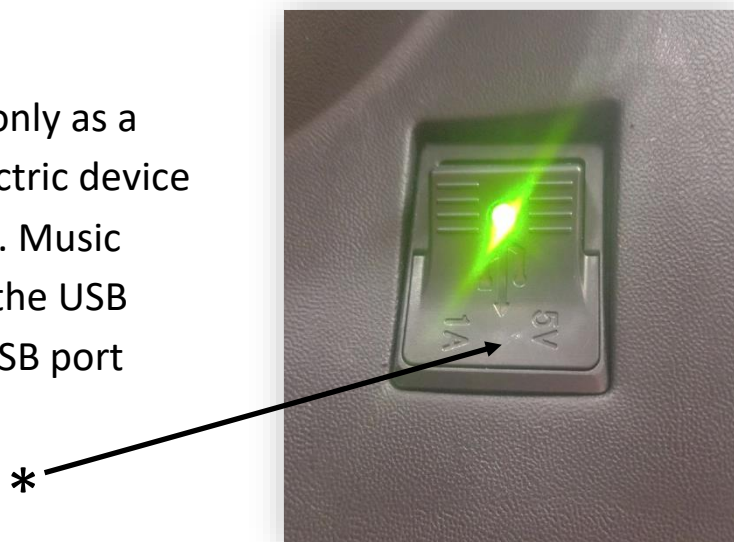
7. Turn Signals, Lights and Horn Buttons

The turn signal, light on/off button, high/low beam light, and horn buttons are all located in one area. Push the symbol with the labeled function as needed. See symbol functions below.



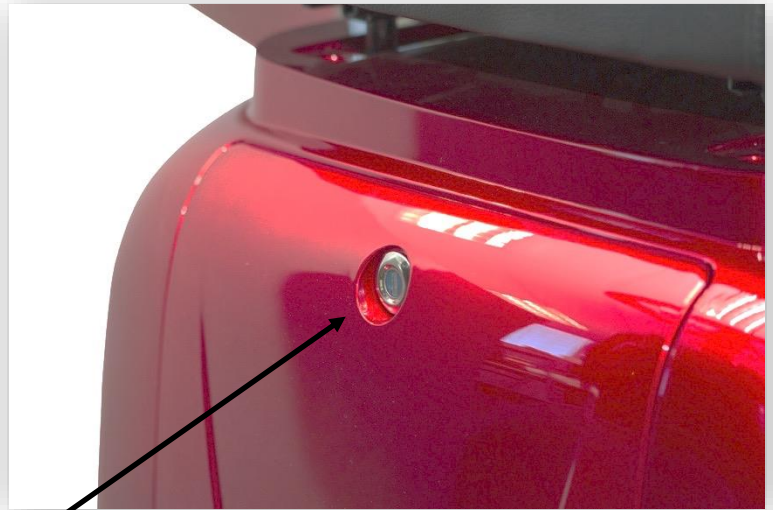
8. USB Port

The USB port can be used only as a method to recharge an electric device that accept a 5-volt output. Music cannot be played through the USB port. Push the top of the USB port housing to access.



9. Battery and Circuit Breaker Access Door

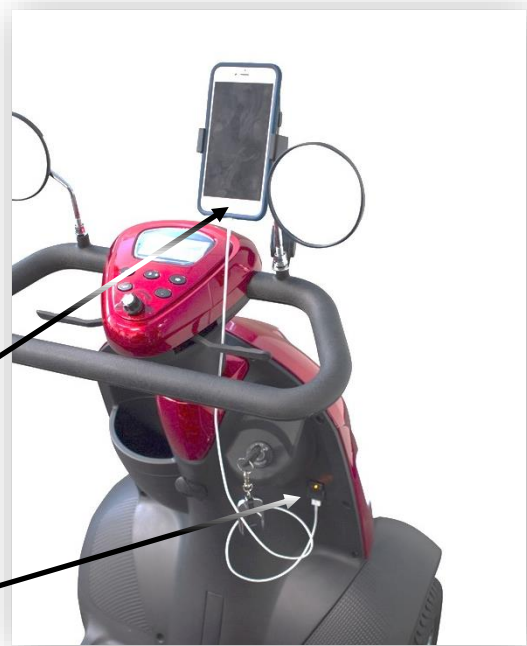
The batteries and circuit breaker can be accessed by using the same key for the ignition. The batteries are maintenance free, so accessing the batteries will only need to be done when they need to be replaced.



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10. Cell Phone Holder

There is an optional cell phone holder that is installed on the handle bar assembly. The cell phone holder can hold a cell phone as small as 3" wide, and as large as 7" wide.



-Cell Phone Holder *

-USB Port *

Charging Instructions:

The smart charger included with your scooter will shut off its high current mode when the scooter is fully charged. When the light on the charger is red, the scooter is still charging. When the light turns green, this means the scooter is fully charged. Once fully charged, unplug within two hours to avoid overcharging.

The charging time varies depending on how charged the batteries are. If almost empty, the charge time may take up to 8 hours. If the red light stays on for more than 8 hours, unplug the charger.

Batteries and Battery Maintenance:

Only use the recommend batteries for your scooter. Do not use lithium ion batteries. The batteries can be charged as needed without causing damage. You can wait until low, or charge right after a short ride. Avoid leaving on the charger for an extended period to avoid potential damage.

Specification of the battery that we recommend:

Type: (4) 12 volt, 20 AH, Deep Cycle, Maintenance Free, Sealed Lead Acid

Note:

- Do not use automotive starter batteries. They are not designed to handle long deep discharge and are unsafe for use in your scooter.
- The useful life of a battery is quite often a reflection of the care it receives.
- Always charge the batteries in a well-ventilated area.
- The charger is intended for indoor use only.
- Replace all batteries at the same time if weak.
- Recharge the scooter at least once every month when not in use to avoid deterioration of the batteries.

Ramps and Curbs:

1. Check that the ramp surface is roughened to prevent slipping. Never drive across a slope or turn sharply on a slope.
2. When driving up curbs, always check the height of the curb to ensure that it does not exceed 4" height.
3. Always go forward up ramps and curbs.
4. Avoid stopping completely when going over small objects or obstructions.

General:

1. Always keep your feet on the scooter while riding.
2. Do not exceed the weight capacity of 400lbs.
3. Do not attempt to lift or move the scooter by any of its removable parts. Personal injury and damage to the scooter may result.
4. Never try to use your scooter beyond its limitations as described in the manual.
5. Do not connect any electrical or mechanical device to the scooter. Failure to obey this instruction may result in injury and will void the warranty.
6. Always comply with local laws and regulations.

Use While Under the Influence of Medication or Alcohol:

1. Check with your physician if you are taking any medication that may affect your ability to operate your scooter safely.
2. Do not operate your scooter while you are under the influence of alcohol as this may impair your ability to operate your scooter in a safe manner.

Safety Requirements:

Driving Surface

The EW-74 has the best stability and performs the best under the normal driving conditions (dry, level ground with concrete or asphalt). Extra care must be taken when riding on other surfaces (grass, gravel, etc.).

DO NOT exceed the specified climbing angle. Do not operate the scooter before you have fully read and understood the manual.

- Always turn the scooter off before getting on or off the scooter.
- Avoid driving in loose gravel, covered soil and sandstone.
- Do not drive the scooter in unknown road conditions.
- The scooter can ride over small obstacles within a certain height, but you must minimize the speed and slowly drive over the obstacle.
- Do not operate the scooter under the influence of drugs or alcohol.
- Do not park on steep slopes.
- Changing the initial setting of refitting your scooter is forbidden.
- Use caution when operating near busy streets, markets or shopping centers. Do not operate in unsafe areas.

- Consult local authorities about the traffic rules for scooters in your city.
- Hold the handlebar with both hands and put both feet on the floorboard while driving the scooter.
- Never sit on the scooter in a moving vehicle.
- Do not drive on uneven slopes or uneven ground; be careful when passing over slopes.
- Never take the scooter on an escalator.
- Do not operate on frozen, slippery or salty roads.
- Never let the batteries freeze; do not charge when frozen.
- Do not let the batteries ever go completely dead. When low, do not let sit for an extended period or damage may occur.
- Always use required safety equipment while operating.
- Do not modify or change the electrical system and frame. Doing so will void the warranty.

Warranty:

For valid warranty claims E-Wheels will, at their discretion, replace/repair/refund items mutually agreed to be defective.

E-Wheels warranty as following:

1. Frame: (3) year limited warranty.
2. Electronic components: (1) year limited warranty.
3. Controllers: (1) year limited warranty.
4. Batteries: Not warranted.
5. Consumables: Not warranted (Tires, tubes, seat cushions, etc).
6. Labor costs are NOT covered by warranty.
7. Chargers are warrantied for 30 days.

Any damaged or defect of any nature occurring from the misuse of the product is not to be covered. The warranty is to start from the date of arrival of our product.