

# FOLD INWARD



# (Back Cover)



# (Front Cover)



## Additional Safety Warnings

- ⚠ WARNING**  
**Read and follow all safety warnings in this manual. Failure to follow the rules may result in serious injury or death.**
- The maximum weight limit of the scooter is 264 lb (120 kg).
  - Riders should be 14 years of age or older.
  - Always wear a helmet and other appropriate CPSC-approved safety gear. Always wear shoes.
  - Always comply with local laws and regulations.
  - Avoid riding in areas where you might encounter children, pedestrians, animals, vehicles, or other potential obstacles or hazards. Always yield to pedestrians.
  - Persons under the influence of alcohol or drugs, who are pregnant, or who have physical, sensory or mental conditions that impair their ability to operate the scooter safely, should not ride.
  - Do not ride the scooter in the rain or through puddles.
  - Do not attempt to do dangerous jumps, tricks or stunts on the scooter. Do not jump on the scooter with great force.
  - Do not ride over bumps at high speed.
  - Do not accelerate while going downhill.
  - Do not ride with only one foot.
  - Do not place or hang heavy objects on the handlebars.
  - The scooter is meant for one passenger only. Do not ride with two people. Do not carry a child.
  - Only use on a dry, flat surface. Not intended for gravel or dirt roads.
  - It is the rider's responsibility to be aware of and comply with all local laws and regulations, and to take care of your own safety and the safety of others.
  - Always ride safely and only at a speed that allows you to brake safely at any time.
  - If lending the scooter to another person, make sure they use proper protective gear and know how to ride it.

## Battery Safety Information

**Battery Safety Warnings**  
**Misusing the battery may cause the battery to get hot, rupture or ignite and cause serious injury. Be sure to follow all battery safety warnings contained in this manual.**

- Only charge with the included charging adapter. Using a different charger may cause damage or injury.
- Do not charge in direct sunlight or near open flames.
- Do not charge the battery at temperatures lower than 0 °C (32 °F) or higher than 40 °C (104 °F).
- Do not overcharge the battery.
- Never place the battery or scooter in fire or direct contact with heat.
- Never pierce the battery with sharp objects, strike the battery with a hammer, step on the battery, or otherwise subject it to strong impacts or shocks.
- Do not expose the battery to water or any liquids, or allow the battery to get wet.
- Do not disassemble or modify the battery. This may cause the battery to generate heat, rupture or ignite.
- Do not place the battery on or near fires, stoves or other high-temperature locations. Do not place the battery in direct sunlight, or use or store the battery inside cars in hot weather. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.
- Immediately discontinue use of the battery if, while using, charging or storing the battery, the battery emits an unusual smell, feels hot, changes color, changes shape, or appears abnormal in any other way.
- In the event that the battery leaks and the fluid gets into one's eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

**DISPOSAL AT END OF LIFE**  
**This product must not be disposed of by incineration, landfilling, or mixing with household trash. Improper disposal of the battery contained within this product may result in the battery heating up, rupturing, or igniting which may cause serious injury.** The substances contained inside the battery present chemical risks to the environment. The recommended disposal for any Scooter at its end-of-life is to dispose of the entire unit at or through an e-Waste recycling center, program, or facility. Local regulations and laws pertaining to the recycling and disposal of lithium ion batteries and/or products containing them will vary according to country, state, and local governments. You must check laws and regulations corresponding to where you live in order to properly dispose of the battery and/or unit. It is the user's responsibility to dispose of their waste equipment properly in accordance with local regulations and laws.

For additional information on where you should drop off your batteries and electrical or electronic waste, please contact your local or regional waste-management office, your household waste disposal service, or your point-of-sale.

## Product Information

<b>Technical Specifications</b>	
Model No.:	BMS6501
Dimensions:	38 x 16 x 44 inches (Open) 44 x 46 x 11 inches (Folded)
Max. Speed:	24 km/h (14.9 mph)
Max. Weight:	120 kg (264 lb)
Max. Climbing Angle:	17 degrees
Max. Range:	6.1 mi
Motor Power:	250 W
Battery Type:	18650
Battery Capacity:	4 Ah
Battery Input:	29.4V/1.5A
Charger Output:	29.4V/1.5A
Charging Time:	Up to 3 hours
Scooter Height:	110 cm
Scooter Weight:	10 kg (22 lb)
Tire Diameter:	6.5 in
Tire Type:	Airless Flat-Free

## Rating Label Definitions

- Direct current symbol
- This symbol signifies that the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling helps protect natural resources, human health and the environment.
- This symbol signifies and declares that this equipment complies with battery charging which complies with California CEC and energy efficiency.
- This symbol represents FCC Declaration of Conformity and compliance.

## Compliance Information

**FCC Information**  
This device complies with Part 15 of the FCC Rules.

**Caution:** Any changes or modifications not expressly approved could void the user's authority to operate the equipment.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Radiation Exposure Information**  
This device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

**WARNING Li-ion Battery Inside**  
This product is fitted with a Li-ion battery. Do not damage, open, or dismantle the battery and do not use it in damp and/or corrosive conditions. Use only with compatible chargers. Never dispose of batteries in a fire, and never expose them to high temperatures. Do not expose the product to temperatures exceeding 60°C (140°F).



## Warranty & Legal Information

**90-day Limited Warranty**  
Territory: United States/Canada

**LIMITED WARRANTY TO ORIGINAL CONSUMER**  
This product (including any accessories included in the original packaging) as supplied and distributed new by an authorized retailer is warranted by Southern Telecom, Inc. to the original consumer purchaser against defects in materials and workmanship ("Warranty") as follows:

**To obtain warranty service:**

- Visit our website at [www.southern telecom.com](http://www.southern telecom.com)
- Click on **Product Support**
- Select the **Brand** of your device
- Select **Service Request** and fill out the form to begin your inquiry

Your product will be repaired or replaced, at our option, for the same or similar model of equal value if examination by the service center determines this product is defective. Products received damaged as a result of shipping will require you to file a claim with the carrier.

**Warranty service not provided**  
This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorized modification including software modifications such as the installation of custom firmware. This warranty is voided in the event any unauthorized person opens, alters or repairs this product. All products being returned to the authorized service center for repair must be suitably packaged.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND THE REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL, WRITTEN, STATUTORY, EXPRESS OR IMPLIED, AS PERMITTED BY APPLICABLE LAW, SOUTHERN TELECOM INC. SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF SOUTHERN TELECOM INC. CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THE EXPRESS WARRANTY AND TO THE REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY SOUTHERN TELECOM INC. IN ITS SOLE DISCRETION. (Continued on the next page)

## Warranty & Legal (cont'd)

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Some countries, states or provinces do not allow the exclusion or limitation of incidental or consequential damages or allow limitations on warranties, so limitation or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or province to province. Contact your authorized retailer to determine if another warranty applies.

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Designed in the U.S.  
Made in China  
v1.12/2019

Instruction Manual  
BMS6501

## Before You Begin

### In the Box

- BMS6501 - Electric Scooter (x1)
- 29.4V/1.5A Charging Adapter (x1)
- Hex Key (x1)
- Instruction Manual (x1)

### Table of Contents

General Information.....	1
Safety Warnings & Important Information.....	1
Location of Controls.....	2
Folding and Unfolding the Scooter.....	3
Installing the Handlebars.....	4
Adjusting the Handlebar Controls.....	4
Charging the Scooter.....	4
Powering ON/OFF.....	5
Accelerating and Braking.....	5
Adjusting the Gear.....	5
Using the Headlight.....	5
Reading the Display.....	6
Adjusting Display Settings.....	6
Maintenance & Storage.....	7
Additional Safety Warnings.....	8
Battery Safety Information.....	9
Product Information.....	10
Compliance Information.....	11
Warranty & Legal Information.....	12

### General Information

**READ CAREFULLY AND KEEP THIS MANUAL. Read the entire instruction manual before operating, and save for future reference.**

For your safety, **follow all safety instructions and heed all warnings in this manual.** Always exercise caution and good judgment when riding the scooter.

If you have any questions or cannot find the information you need in the manual, please visit our website at **SouthernTele.com** or call our **Customer Service** line at **877-768-8481**.

Before contacting customer service, please have your model number, serial number and proof of purchase available as these will be needed during the call.

### Safety Warnings & Important Information

The BMS6501 Beam® Electric Scooter ("the Scooter") is a personal scooter that uses electrical power. By riding the scooter, the user acknowledges and accepts responsibility of all risks associated with the use of the Scooter which may include, but are not limited to, abrasions, muscle injuries, broken bones, lacerations, serious injury, and possible death, which may be sustained by using the Scooter.

To better ensure your safety, read and follow ALL safety instructions and warnings in this Instruction Manual, and **ALWAYS USE APPROPRIATE PROTECTIVE GEAR.** Only use the Scooter as indicated in this manual.

### CAUTION

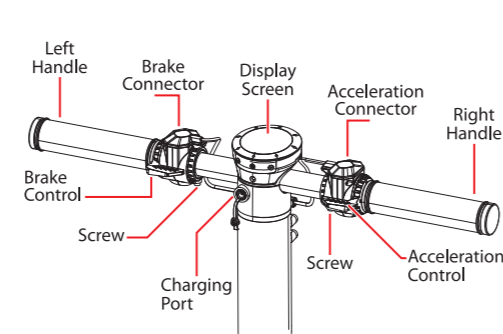
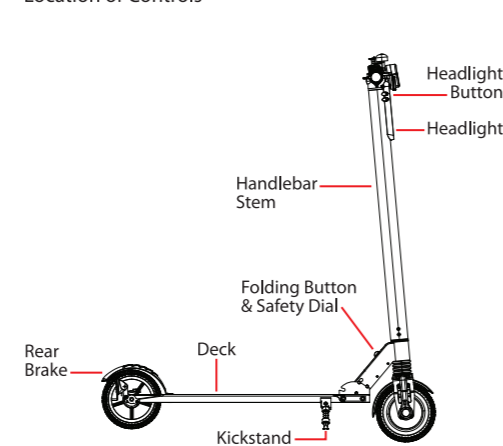
**Appropriate gear should include a CPSC-approved helmet and other gear including knee and elbow pads.**

**Use the Scooter at your own risk. We are not responsible for mishaps due to lack of common sense.**

1

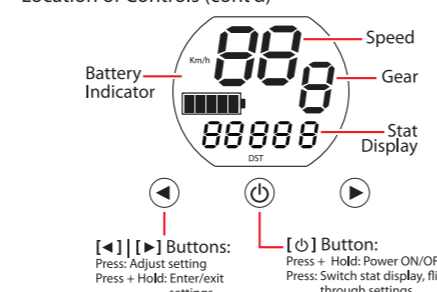
## Getting Started

### Location of Controls



2

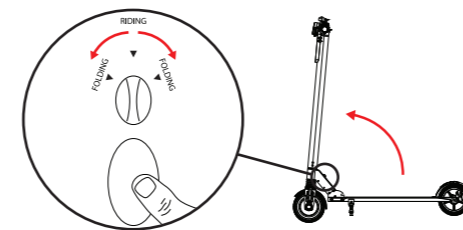
### Location of Controls (cont'd)



### Folding and Unfolding the Scooter

**Note:** Before folding or unfolding the scooter, make sure the scooter is powered off, and the kickstand is closed.

1. Turn the safety dial near the scooter's joint to either of the two "FOLDING" positions.
2. Keeping hands clear of the hinge, press the folding button underneath the safety dial all the way in, and push or pull the scooter until it is fully open or closed, **and the mechanism clicks into place.**
3. Turn the safety dial to the center "RIDING" position to lock the scooter frame and prevent unintentional folding.



3

### Installing Handlebars

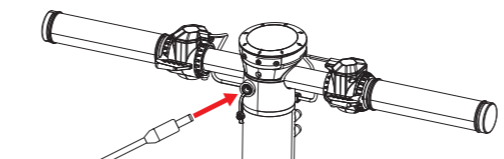
Screw the included handlebar labeled "R" into the handlebar hole on the right side of the scooter, and the handlebar labeled "L" into the left side.

### Adjusting the Handlebar Controls

You can adjust the electric brake and acceleration controls on the handlebar with the included hex key. Loosen the screws on the underside of the brake and acceleration connectors on the handlebars, adjust to the desired position, and tighten the screws again.

### Charging the Scooter

Undo the rubber cover over the charging port near the top of the handlebars, and plug the pin of the included charging adapter into the charging port. Plug the other end into an electrical outlet.



The LED indicator will **light up RED** while the scooter is charging and **turn GREEN** when the scooter is fully charged. The scooter may take up to 3 hours to recharge.

### WARNING

- Read and follow the full list of battery safety warnings at the back of this manual. Failure to follow the rules may result in damage, serious injury or death.
- Do not attempt to use the scooter while it is charging or connected to the charger.
- Do not charge immediately after use. Allow the scooter to cool down for an hour before charging it.
- Only charge with the included charging adapter.

4

### Powering ON/OFF

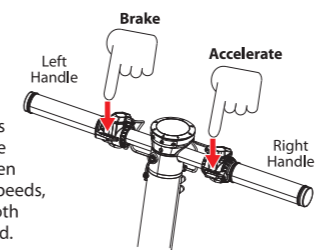
Press and hold the [⏻] button to power the scooter ON or OFF. The display screen will light up when the scooter is powered on, and turn off when the scooter is powered off.



### Accelerating and Braking

Fully charge the scooter, unfold the frame, and push the scooter's kickstand up. Power the scooter ON.

- To accelerate, press down the acceleration control on the right side of the handlebars.
- To brake, press down the red brake control on the left side of the handlebars, or press down the rear brake with your foot. When moving at higher speeds, the rear brake or both brakes must be used.



### Adjusting the Gear

You can adjust the scooter's gear between 1 (the lowest) and 3 (the highest) using the buttons on the side of the display. The current gear will be shown on the right side of the display.

- Press the [◀] button to increase the gear.
- Press the [▶] button to decrease the gear.

### Using the Headlight

Press the headlight button on the front of the scooter to turn the headlight ON or OFF.

5

### Reading the Display

When the scooter is powered on, press the [⏻] button to change the information shown on the display.

- [TIME] mode shows the amount of time since powering on.
- [DST] mode shows the distance traveled since powering on.
- [ODO] mode shows the total distance traveled by the scooter since it was last reset manually.
- [RPM] mode shows the current revolutions per minute (RPM) of the scooter's motor.
- [VOL] mode shows the voltage setting.

### Adjusting Display Settings

Press and hold the [◀] and [▶] buttons at the same time for 2 seconds to enter Settings mode. The display screen will start blinking "P1."

Press the [◀] and [▶] buttons to adjust the setting according to the instructions below. Then, press the [⏻] button to switch to the next setting mode.

- In **P1** setting mode, select "0" to display the speed in kilometers per hour (Km/h) or select "1" to display the speed in miles per hour (Mp/h).
- In **P3** setting mode, select "0" to enable the scooter to accelerate from 0, or select "1" to have the scooter require a kick start before it can accelerate.

After **P9** setting mode, the display will return to **P1**.

Press and hold the [◀] and [▶] buttons for 2 seconds to exit Settings mode at any time.

6

## Maintenance & Storage

### Cleaning the Scooter

Power the scooter OFF before cleaning, and make sure the charging port is covered by its rubber seal.

The scooter should be cleaned with a damp cloth. If necessary, a stiff brush can be used to remove tougher dirt first.

**Warning:** Do not use alcohol, gas, kerosene or other corrosive and volatile chemical solvents. Do not spray with pressurized water. This can damage the appearance and the internal electronics of the scooter.

### Maintenance

At regular intervals, check the scooter's bearings, wheels, brake pad, screws and other fasteners for proper fitting and good condition. This will help ensure safe riding.

### Battery Maintenance

Excessive heat and excessive cold can cause the battery to discharge, and damage battery cells. Do not keep the batteries in temperatures above 122 °F (50 °C) or below 50 °F (10 °C) for a long period of time.

When possible, avoid draining the batteries 100%. It is best to charge the battery while there is still some power remaining. This will extend battery life.

### Storage

When not in use, store the scooter in a cool, dry place, away from sources of water, humidity, heat, sunlight, wind and fire. Avoid leaving it outdoors, as it is not made for use in wet areas.

7