



CITY M8

OPERATOR'S MANUAL



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INTRODUCTION

M8-TECH manufactures 100% electric Sport Mopeds with zero emissions and zero fuel at a great price. Whether you're a novice or experienced motorcycle rider, you can easily use these fun little bikes to commute to your office, run errands about the city, or visit the supermarket. All of this at a low cost with stylish looks, while helping to save the planet in one great bike.

Electric powered motorcycles are getting a lot more popular these days because people are tired of the high cost of getting around town, tired of the stop and go traffic, and want to be environmentally friendly. We at M8-Tech believe in this thinking. We figure, why not save money, help save the planet, and look good doing it--come along for the ride!

General SAFETY

WARNING! Please read and understand all sections of this manual before operating your new electric vehicle. Do not attempt to charge or operate this vehicle until you fully understand and have adequate knowledge of its features and controls. Failure to do so could result in injury or damage to the vehicle and/or denial of warranty coverage.

USE ONLY M8-TECH approved chargers specifically designed for your exact type and voltage of battery pack - severe damage may otherwise result.

WARNING! Risks Inherent to Operation: Operating an electric moped involves risks and dangers that may cause bodily injury. These inherent risks may be the result of purchaser's own actions or non-actions involving themselves,

others, specific circumstances of the activity, and/or the negligence of themselves or others. There may be other risks known and/or unknown to the operator. The operator assumes all risks and responsibility for events that may not be foreseeable including economic loss, social distress, losses, costs, and damages caused as a result of operating the vehicle.

CAUTION! In our constant efforts to improve and upgrade our products, your vehicle may incorporate updated components and/or features that are not specifically covered by this version of the Owner's Manual. If you are not clear on how to operate or make use of any components or features, contact your local dealer for clarification. Product design, features, and specifications are subject to change without notice.

NOTICE BEFORE USING:

NOTE: YOUR INSURANCE POLICES MAY NOT PROVIDE COVERAGE FOR ACCIDENTS INVOLVING USE OF THIS E-MOPED. TO DETERMINE IF COVERAGE IS PROVIDED--YOU SHOULD CONTACT YOUR INSURANCE AGENT.

- DO NOT switch on ignition until properly seated and ready to ride. WHEN BIKE IS TURNED ON—THE THROTTLE IS LIVE AND WILL ACCELERATE THE REAR WHEEL!
- DO NOT attempt to walk bike or place the bike on its stand with ignition on.
- DO NOT ride on sidewalks or pedestrian-only pathways—consult your local ordinances for current laws.
- DO NOT operate the bike at speeds in excess of 20 mph or whatever your local traffic laws dictate for Mopeds.
- DO NOT ride on sand, grass, gravel, or on bumpy, rough or loose unpaved surfaces, this can void your warranty.
- DO NOT ride without both hands on the handle bars.
- DO NOT operate while not properly seated.
- DO NOT jump ramps, curbs, or otherwise attempt any form of stunt-riding.
- DO NOT attempt to open batteries - no servicing is required or possible and will void warranty.
- DO NOT operate the bike if it is materially defective in operation, dam-aged, or missing safety-related equipment.
- ALWAYS DO pre-ride checks.

PROTECTIVE APPAREL:

- Always wear DOT approved helmet.
- Always wear full protective clothing.
- DO NOT ride barefoot or with open-toed, high-heel, platform, loose and/or slip-on footwear.
- DO NOT wear or carry anything that obstructs your vision or interferes with your complete control of the vehicle or which could become en-tangled in moving parts.

BIKE CARRYING CAPACITIES:

- Cargo and accessories MUST BE SECURELY ATTACHED OR STOWED, kept as low on and as close to the centerline of the bike as possible, and weight distributed evenly to avoid imbalance or instability.
- Total payload, including the rider, NOT TO EXCEED 181.4kg (400lbs).
- FREQUENTLY CHECK all mounts and cargo restraints. NEVER ATTACH heavy items to the front fork, fender, or handlebar as poor handling and instability may result.
- DO NOT carry more than 6.8kg (15lbs) of cargo in the tail rack/box.



Rider **CONDUCT**

M8-TECH CODE OF RIDER CONDUCT:

In the interest of harmonious co-existence with other road users, M8-TECH suggests the following common-sense code of conduct be followed—in addition to any local traffic laws of the road.

- Always assume you are invisible to all other road users, regardless of the lights and reflectors you may have. Your life depends on it.
- Share the road or path with others: motorists, pedestrians, and cyclists alike. Respect their rights and try to be forgiving if they infringe on yours. Remember, you're probably the smallest vehicle on the road.
- Ride defensively. You, and only you, are responsible for the safe operation of your vehicle.
- Constantly scan from 15 feet in front of you to 200 feet ahead of where you are, so you may anticipate and be ready to avoid road surface hazards as well as other vehicles. Such hazards include: vehicles slowing or turning in front of you, entering the road ahead, or coming up behind you, car doors opening in front of you, pedestrians stepping out in front of you, children or dogs playing near the road, potholes, sewer gratings, railroad tracks, expansion joints, road or sidewalk construction, debris and other road hazards that could cause you to swerve, catch a wheel, lose traction, or otherwise have a crash.
- Always signal when turning and stopping.
- Ride in a calm, smooth, predictable manner. Don't weave through traffic or make sudden moves that may startle, provoke, or require evasive action from other road users or pedestrians.
- Never hitch a ride by holding on to another vehicle.



Pre-**OPERATION**

WARNING! Failure to perform checks on a regular basis could result in un-safe and/or unreliable vehicle, leading to injury to you and the vehicle and/or denial of warranty coverage.

BEFORE EVERY RIDE:

- Charge batteries
- **ALWAYS:** only turn the ignition on once you are seated and ready to ride
- Walk-around inspection: Make sure all parts are securely fastened, and in operating order.
- Check brake operation front and rear; make sure there is no leakage of brake fluid.
- Check for smooth throttle operation.
- Check signals, lights, and horn.
- Ensure wheels spin freely and are aligned.
- Check tire pressure and condition.

AFTER EVERY RIDE:

- Be sure the ignition is turned off before you get off the bike.
- Let bike rest 10 minutes then plug the charger in; check for red light and fan—this will prolong battery life.
- Be sure the charger will stay dry during operation.
- If stored outside, cover the bike and charger. Remember to arm the alarm.

Charging **INFO**

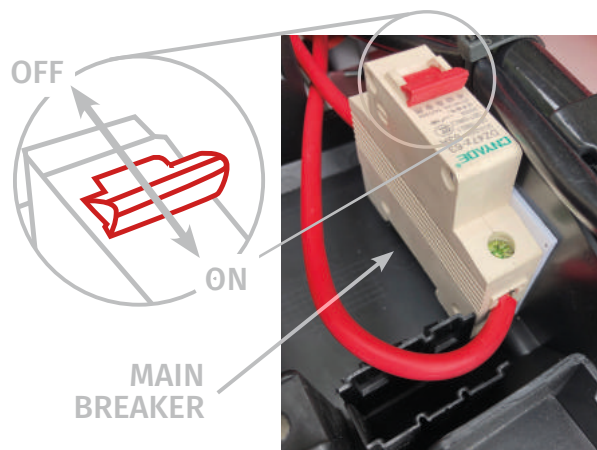
- USE ONLY M8-Tech approved charger to charge your bike!
DO NOT plug an ordinary power cable directly into the charging socket on the bike.
- After each ride, let bike rest for 10 minutes before plugging in charger—this will prolong the life of the battery
- Plug Charger to wall socket—the charger light will be RED. Plug charger into bike; light will remain RED until charged. If you plug Charger into bike and the light flashes GREEN and RED, there is an error in the system, or the battery has failed.
- Once battery is charged, and the charger light is green, unplug charger and store in cool safe place.
- Risk of overheating: Maintain air-flow around the charger at all times. DO NOT enclose it in a storage compartment or other unventilated space when charging. The charger is designed for indoor / dry-area use only.
- DO NOT expose charger to water. If absolutely necessary, place the charger on a raised area and drape the bike with its cover allowing for sufficient ventilation to protect the bike and charger during adverse weather. You do so at your own risk.

CONNECTING THE CHARGER:

- 1 When you first receive your new bike, make sure the bike's main circuit breaker is ON (**breaker located under the seat**). To charge the battery pack, the bike's main circuit breaker must be ON. If the breaker is off, the charger will only seem like it is charging the battery.



OPEN SEAT TO ACCESS BREAKER



MAIN BREAKER OPERATION

- 2 In the rear wheel well (on left side) you will find charging port.



CHARGING
PORT

CHARGING PORT IN REAR WHEEL
WELL ON LEFT SIDE

- 3 Flip open the door on the charge port and insert the charger's plug (note orientation of plug and socket for proper fit).
- 4 After plug is inserted to bike port, plug charger into the wall socket.
- 5 Max charging time is 8 hours for completely drained battery. Once battery is charged the charger cuts off. Remove charger from bike and store in cool dry place. It's best not leave charger plugged in for long durations after the charge is completed.
- 6 Once charger is plugged in, charger indicator light will be red. Once charged, the light will turn green indicating the battery is charged. After green light is indicated, unplug charger and store in safe place.

Operation **INFO**

INSTRUMENTATION PANEL LAYOUT:



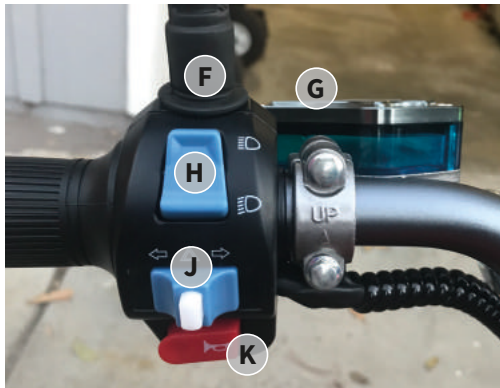
INSTRUMENT PANEL

- A** Battery Indicator
- B** Speedometer
- C** Trip Odometer
- D** USB Power Port
- E** Key Ignition

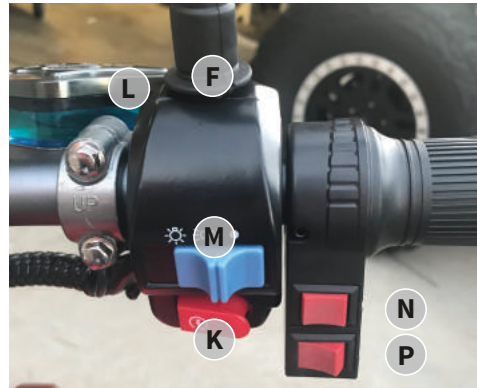


KEY IGNITION POSITIONS

- Handlebar Lock
- Off Position
- On for Key Fob use only
- On for Key use only



HANDLEBAR - LEFT SIDE CONTROLS



HANDLEBAR - RIGHT SIDE CONTROLS

- F** Mirror Mount
- G** Rear Brake
- H** High / Low Beam
- J** Turn Indicator
- K** Horn
- L** Front Brake
- M** Headlight Adjustment
- N** Forward / Reverse
- P** Speed Mode (*see note*)

NOTE: SPEED MODE HAS THREE SETTINGS I-II-III

I = Street Mode, used for public streets, limited to 19mph.

II = Eco Mode, conserves battery power for off-road use/ non-street use.

III = Track Mode, use only for non-street use or check your local moped laws for speed limit listings.

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Bike **FEATURES**

BIKE DESCRIPTION:

Key Features - Zero Emissions / Zero Fuel Necessary / Low Maintenance / Ride around Town in Style!

FEATURES OF THE CITYM8 SPORT MOPED:

- Brushless Max 2000-watt motor—Factory set 750watt for street use
- Maximum speed of 40mph (Track use only)
- 72v lithium battery provides up to 40 miles riding distance per charge
- Disc brakes front and rear
- Tubeless 12 inch tires
- Fully Tunable Rear Shock
- 100 percent LED lights throughout the bike
- Hub Drive Motor provides more torque from the rear / practically maintenance free

Weighing in at just 90.7kg/200lbs and measuring 69”(L) x 31”(W) x 39”(H), the CityM8 Sport Moped is a great choice for both novice and seasoned riders. Its frame is made with carbon steel, dressed in stylish plastic paneling for aerodynamics and style. It arrives completely built, or if crated, the handlebars only need to be re-attached. Other great features of the CityM8 include, easy to read LED display, LED headlights and indicator lights. If you’re looking for a Sport Moped that can take you places quickly with utmost safety, and without breaking the bank, the CityM8 Sport Moped is what you need.

SPECIFICATIONS:

- Type: Sport Moped
- Fuel: Electric
- Power: > 750W - 2000W
- Voltage: 72V / 20AH
- Motor: Brushless Hub-Drive
- Max. Speed: 19 (street use mode) – 30 +mph (closed course use only)
- Certification: CE
- Condition: New
- Brand Name: CityM8
- Place of Origin: Parts - Wuxi, China / Assembled USA
- Model Number: CityM8
- Brake(F/R): Hydraulic Disc
- Max Power: 2000W
- Battery: 72V20AH lithium-ion
- Weight: 200 lbs
- Front Suspension: USD spring/oil, 120mm/4.72 inch
- Rear Suspension: Coil over spring, air/oil with compression/rebound setting, 120mm/4.72 inch
- Measurements: 69”(L) x 31”(W) x 39”(H),
- Average Range: 30 miles (moderate use)
- Incline Climbing: 12 - 25 degree
- Charge time: 6 to 8 hours (Fully Drained battery)
- Tire: 120/70-12 tubeless
- Color option: RED/ BLUE/ BLACK/ WHITE/ GREEN/ YELLOW





NOTICE:

Your insurance policies may not provide coverage for accidents involving the use of this bicycle.

To determine if coverage is provided you should contact your insurance company or agent.

For Warranty or Service contact your local dealer or contact
M8Tech at: Email: Info@m8-tech.com / Website: m8-tech.com