

USER'S MANUAL

FOR

DJ FOLDING BIKE

Designed & Manufactured by



PARTS IDENTIFICATION DIAGRAM



- | | |
|-----------------------------|-----------------------------|
| 1. Tektro® Front Disc Brake | 19. Rear Rack |
| 2. Tire Valve Stem | 20. Rear Fender |
| 3. Front Suspension | 21. Rear Light |
| 4. Front Fender | 22. Reflector |
| 5. Front Light | 23. Rear Brake Calliper |
| 6. Front Rack | 24. Tektro® Rear Disc Brake |
| 7. Brake Levers | 25. Hub motor |
| 8. Grip | 26. Rims |
| 9. King Meter® LCD Display | 27. Spokes |
| 10. Bell | 28. Tires |
| 11. Thumb Throttle | 29. Kickstand |
| 12. Handlebar Stem | 30. Shimano® Derailleur |
| 13. Frame | 31. Chain |
| 14. Quick Release Seat Lock | 32. Crank |
| 15. Seat Post | 33. Pedals |
| 16. Seat | 34. Chainguard |
| 17. Battery | 35. Front Brake Calliper |
| 18. Battery Key | |



www.dj-ebikes.com

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1 How to Use This Manual

Congratulations on becoming the owner of a DJ Bike! If for any reason you do not have the proper tools or are not confident of safely assembling the bike by yourself, we strongly recommend you take this bike to a local bike shop for assistance or to have them assemble it for you. We also partner with Velofix (<https://www.velofix.com/>), a mobile bike service company.



WARNING: This manual provides specific information on how you can safely operate the bike, because safety is the number one priority to DJ Bikes. Since you are responsible for your personal safety, we highly recommend you understand and feel competent with all the electrical and mechanical controls to correctly and safely operate the DJ Folding Bike. Please note that the DJ Folding Bike can quickly reach high speeds, therefore caution must be exercised when operating the bike.

WARNING: Please note that you must wear a helmet that meets UL (Underwriters Laboratories) or other safety standards while riding the DJ Folding Bike, and obey local laws and regulations governing the operation of Electric Bikes at all times. DJ Bikes assumes no responsibility for your personal safety or injury. Therefore, please carefully read this manual before you start operating the bike, regardless of your level of bike expertise, and always operate this bike with caution.

2 Assembly Instructions

Congratulations on receiving your DJ Folding Bike. For your safety and convenience, please follow the step-by-step assembly instructions to assemble your bike as listed below. The following assembly steps are only a general guide to assist in the assembly of your DJ Folding Bike. We recommend you consult with DJ Bikes if you have any questions regarding the assembly process.

The time to assemble the DJ Folding Bike is about one hour.

2.1. Open the Box

Carefully unseal the box, remove the front wheel, and then remove the bicycle by lifting it straight out of the box (this may require two people).

Check carefully to ensure you have the following parts:

- DJ Folding Bike's Frame and Back Wheel
- Front Wheel and its Quick Release Lever
- Left and Right Pedals
- Lithium-ion Battery

- Keys (2) & Charger for the Battery Pack
- Seat, Seat Post and Quick Release Lever
- Headlight
- **Tool Kit and Manual**

CAUTION: Please keep the keys to your electric bicycle in a safe place. Each set of keys are unique to the bike, and we do not keep a copy of your key.

2.2. Charge the battery

We highly recommend you charge the DJ Folding Bike's battery before use. The entire charging process may take between one and six hours to be fully charged. When the battery is fully charged, a green light indicator appears. The steps for charging your battery are as follows:

- With the battery switched off with the key, locate the charging port on the battery and insert the battery charging plug into this port



- Insert the battery charging plug into a wall power socket. Do not use an extension cord. The light on the charger should illuminate to steady green. Insert the round plug of the charger into the battery charging port. The LED should illuminate to steady red. When the light on the charger changes to a steady green, the battery is charged. Unplug the charger from the wall receptacle and then from the bike battery. Always disconnect the plugs in this order
- Note that the charger will become warm during charging, so keep the charger away from any flammable materials. The charger may reach temperatures up to 185°F/85°C during normal charging



- Want to charge your device on the go? Our batteries come with a USB charging port, so you can charge your smartphone while you're navigating your ride!

Disconnect the battery from its power supply when a green light appears. Although the charger will trickle once the green light appears, it is not advisable to charge the battery overnight, as prolonged charging may cause irreparable damage to the battery.

Other Battery Charging and Maintenance Tips:

- Do not leave the charger plugged into the battery for long periods of time, as this can irreparably damage the battery.
- Never charge a hot battery immediately after a long ride; let the battery cool for approximately one hour prior to charging.
- We do not advise that you allow the capacity of your battery to drain off completely, i.e. 0%, before recharging. It is highly recommended you recharge your battery when the battery level is between 20% and 30%.
- For an elongated battery life, it is recommended batteries be stored at a 40% battery level at a cool temperature.
- We also do not advise that you leave your battery unused for an extended period of time. Charge at least once every six months to a 50% capacity.

2.3. Assemble the handlebar

For your safety, when assembling the DJ Folding Bike handlebar, it is important to tighten all the bolts using the wrench provided. This ensures the handlebar is in sync with the wheels and will move in the same direction. The steps for assembling the handlebar are as follows:

- As seen in the picture below, put the stem into position. Then, close the Quick Release as tightly as possible



- Check the DJ Folding Bike Handlebar Quick Release device, and ensure this device is closed tightly



- Place the handlebar as shown below. Close the Quick Release as tightly as possible



2.4. Assemble the front wheels

For your safety, when assembling the DJ Folding Bike front wheel, ensure the Quick Release Lever is fully adjusted. Closely follow these installation steps. Failure to properly install may cause the front wheel to wobble.

- Safely insert the Quick Release Lever into the wheel axle. Ensure the black nut is on the disc side of the wheel



- Place the Quick Release Lever in the open position, then install the Quick Release Lever with the front wheel into the fork. There should be one spring on each side



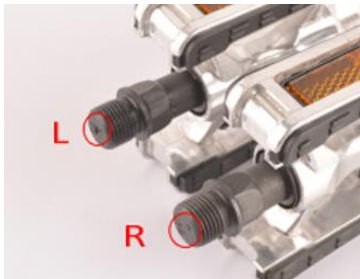
- Tighten the Quick Release Lever by hand. When in a closed position, ensure the Quick Release Lever is not loose and does not touch the frame or fork. This should be avoided because it will cause the wheel to slow down and damage it over time
- Install the front fender in the front forks and at the headlight using the bolts at those sites

2.5. Assemble the pedals



The pedals have opposite thread directions and must go on a specific side of the bike. When assembling the pedals, note **the Left Pedal (L), needs to be turned counter-clockwise to be tied in, while the Right Pedal (R), needs to be turned clockwise to be tied in.**

Install the Right Pedal to the chain sprocket side of the bike and the Left Pedal to the opposite side (same side as the battery key). Start the pedal threads into the crank arm threads by hand, then complete by securely tightening with a wrench.



2.6. Seat Installation

For your convenience and safety, the DJ Folding Bike seat can be adjusted to fit your body height. Follow these steps:

- With the Seat Quick Release opened, install the seat post to the seat tube
- After you have adjusted the seat height for your convenience, firmly tighten the Quick Release Lever
- Lift the Quick Release Lever up to the locked position.

You can also change the seat position, incline angle and direction by loosening the bolt between the seat and seat post



2.7. Secure folding mechanism

Secure the folding mechanisms. Check that the central frame hinge is latched and securely locked. Use caution to keep fingers, clothing, etc. away from the folding parts and potential pinch points. Always check the frame folding mechanism latch and handlebar folding mechanism latch are locked before moving or riding the bike.

To fold the bike:

Stand at the left side of the bike and ensure the cranks (see parts diagram) are parallel to the ground, so that the left crank is pointed forward and the right crank is pointed toward the back of the bike.

Open the frame hinge. Fold the frame hinge quick release lever down, so it is in line with the quick release lever axle (parallel to the ground).

Swing the frame hinge quick release lever to the right, so it is perpendicular to the bike frame (90° angle).

Pull directly upward on the frame hinge quick release lever to unlock the hinge pin and at the same time begin folding the hinge open. Once the hinge pin is clear of the hinge, release the lever.

Turn the front wheel slightly left and fold until both wheels are side by side. Rest the bike on the frame stand under the cranks.

Move the bike by tilting it onto the front wheel. Do not roll the bike on its back wheel.

2.8. Check tire pressure

Using a hand pump, fill the tires with air to the rating on the sidewall. We recommend a hand pump to avoid over inflating the tires. Note that PSI is the unit of pressure in pounds per square inch (PSI).

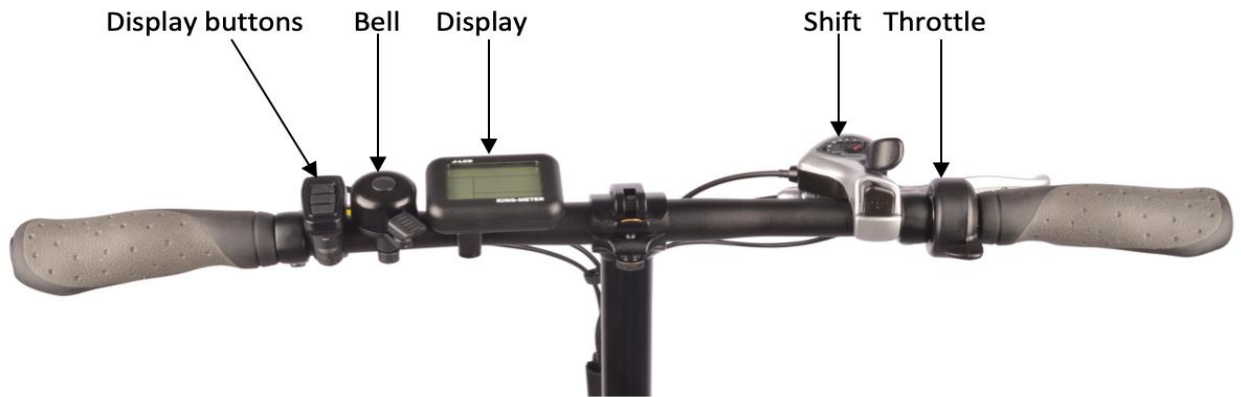
2.9. Final Checklist

After following these steps, you are ready for your first bike ride. For your safety, please check the following after each bike ride.

- The battery is connected, locked and has enough charge
- All the nuts and bolts are properly tightened. Ensure the front wheel turns with the handlebar
- The front and rear wheels are firmly secured to the frame of the bike and the levers are tight
- You have the recommended tire pressure
- The brakes are adjusted and functioning properly
- The seat is firm and locked, and cannot be moved after the Quick Release Lever is closed
- In accordance with the law and for your safety, always wear a helmet when riding this bike

3 Operational Instructions

3.1. Operational Control List



The following parts on the handlebar will help you understand how to safely operate this bike:

Display buttons: The buttons such as “MODE”, “UP” and “DOWN” enable you adjust settings on the LCD display for your safety and convenience.

Bell: This is a very important safety device. It enables you to alert other bike users, pedestrians and anyone else you are nearby.

Display: Gives useful information about the working condition of the DJ Folding Bike, such as the amount of charge you have left on your battery, and the speed. It also lets you know when something is wrong with this bike.

Shift: Allows you to safely change the mechanical gears on your electric bike.

Throttle: Allows you to increase and reduce your speed when necessary.

3.2. Electric Power (Turn On)



WARNING: DO NOT illuminate the King Meter® if you are NOT on the bike and ready to ride forwards. This avoids false starts and crashes!

WARNING: ALWAYS REMEMBER to hold a brake lever depressed firmly when getting on and off the bike SO THE BRAKE LEVER KILL SWITCH can stop the electrical flow to the motor. This avoids false starts and crashes! This will help reduce accidents caused by pressing the thumb throttle accidentally or initiating the pedal assist before you are ready to ride.

WARNING: Always turn the key “OFF” immediately after you dismount from the bike.

When the key on the battery is in the “ON” position, you have successfully turned the power on the battery. To deactivate the bike battery, turn the key on the battery to the “OFF” position.

If you are unable to turn the key to the “ON” position, the battery may not be properly aligned. Use your palm to physically press down the battery and ensure that there is no gap between the battery and the base. The four prongs need to fully connect to the battery.

To turn the bike motor on and illuminate the King Meter® display, hold down the centre “MODE” button until the display illuminates. The motor can be started by actuating the thumb throttle or the pedal assist (while driving).

3.3. Pedal Assist & Throttle Power Controls

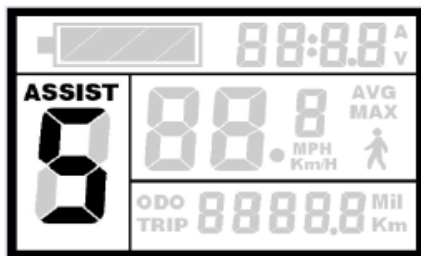


Note that the pedal assist and thumb throttle operate independently of each other. ***You need not engage the throttle to use pedal assist.*** Conversely, ***the throttle can be engaged even when pedal assist is set to zero.*** Engaging the brakes cuts the power to the motor using either mechanism.

This is a very important control on the DJ Folding Bike that regulates the output power of the motor of the pedal assist. When the power is on and the King Meter® display is illuminated, pressing the UP or DOWN buttons will change the output power of the motor for the pedal assist, or turn off the pedal assist completely (set assist to “ASSIST 0”).

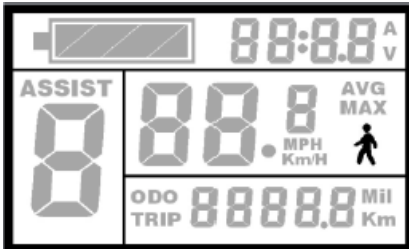
The pedal assist power ranges from Level 1 to 5. The motor will begin to supply power by turning the pedals at Level 1, which is the minimum speed limit (20%), while Level 5 is the maximum speed (100%). The default speed level of the DJ Folding Bike, when the King Meter® is started, is Level 1. When the “ASSIST” is set to “0”, no power will be supplied from the motor by pedalling. Use this mode when you want to ride the bike without any pedal assist.

The thumb throttle allows you to immediately increase the power to the motor with the touch of your thumb, like the throttle on a motorcycle. Increasing pressure on the thumb throttle will increase the power and speed. The “ASSIST” settings (Level 0 to 5) will not adjust the power to the thumb throttle, but is always available for you to adjust the motor power.



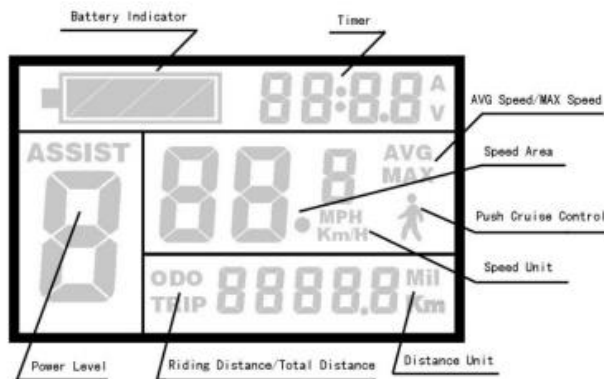
3.4.1. Walk Mode

This also referred to as the “Walk Mode”. In this mode, the DJ Folding Bike will travel at a uniform speed. To activate this mode, press the “DOWN” button. Do not ride this bike with the Cruise control or Walk mode, as this might cause system failure. This should only be used when you are “walking” the bike.



3.5. King Meter® Display Configuration/Settings

The instructions below explain how to configure the various settings of the King Meter® of the DJ Folding Bike. Note that you do not need to configure the King Meter® to operate the bike.

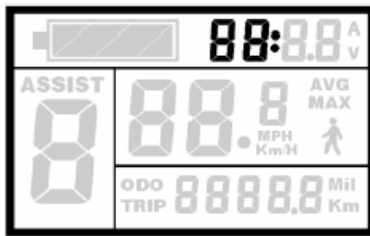


To activate the settings on the DJ Folding Bike, press the “MODE” button, which will start the LCD display. After this step, you need to hold down the “UP” and “DOWN” buttons together for three seconds. You are now in the “Settings” phase, and can make adjustments for your convenience. If at any point you want to exit this phase, press the “MODE” button for more than two seconds; this saves your current settings and exits the Settings phase. However, pressing the “MODE” button for up to two seconds confirms the current setting. The different settings are explained below in a sequential format, from the top to the bottom.

3.5.1. Time

To set the time on the DJ Folding Bike, you will be prompted to set the hours first and the minutes next. Adjust the “HOUR” symbol with the “UP” and “DOWN” buttons. To confirm your hour choice, press the “MODE” button. This automatically activates the “MINUTE” symbol. You can also adjust the minute by using the “UP” and “DOWN” button. To confirm your minutes choice, press the “MODE” button. You have now set the time on the DJ Folding Bike.

“Hours” Settings



“Minutes” Settings



3.5.2. Top Speed Limit

Pressing the “MODE” button after confirming the time in the previous section will automatically direct you to the “Speed” settings. Note that while the default top riding speed on the DJ Folding Bike is 32 km/hr (kilometers per hour) or 23 mph (miles per hour), this value can be set from between 10 km/hr to 40 km/hr. To adjust the speed on this bike, use the “UP” and “DOWN” buttons. Once you have selected your desired speed, press the “MODE” button.

WARNING: We highly recommend you not exceed the top riding speed of 32 km/hr or 23 mph as you might be breaking local electric bike speed limits and putting yourself in personal danger which may result in prosecution, severe injury, or death. You will be fully responsible for any consequences resulting from exceeding the prescribed speed limit, and DJ Bikes will not be liable. Confirm the maximum legal speed limit from the police or any other regulatory authorities to determine the local laws and bylaws in your riding area.



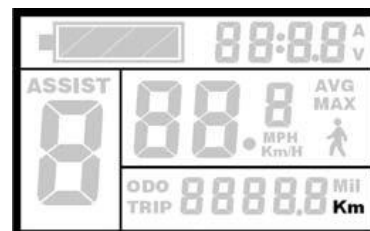
3.5.3. Unit of Speed

Pressing the “MODE” button after confirming your desired speed in the previous section will automatically direct you in selecting your preference of the unit of speed. The DJ Folding Bike gives you an option of either the metric, in km/hr, or imperial, in mph. Once you have selected your preference, press the “MODE” button again.

Imperial System (USA)



Metric System (Canada)



3.5.4. Wheel Size

Pressing the “MODE” button after selecting your preferred unit of speed will automatically direct you to setting the wheels of the DJ Folding Bike. The default and right size of the DJ Folding Bike is 26 inches. You can adjust the size of the wheel by using the “UP” or “DOWN” buttons, and confirming with the “MODE” button. For your safety, it is not recommended that you adjust the value from the default setting.



3.5.5. Brightness

To adjust the level of brightness on the DJ Folding Bike, press “UP” and “DOWN”. This either increases or reduces the level of brightness. The default brightness on this bike is the minimum, Level 1, while the maximum is Level 3.

3.5.6. Exit Settings

To exit the “Settings” phase, press the “MODE” button for more than two seconds. This saves your current settings and exits the Settings phase.

3.5.7. Current Speed

When your DJ Folding Bike starts, the currently selected speed will be displayed. Pressing the “UP” button will display the MAX (maximum) speed; pressing the “UP” button again will display the AVG (average) speed.



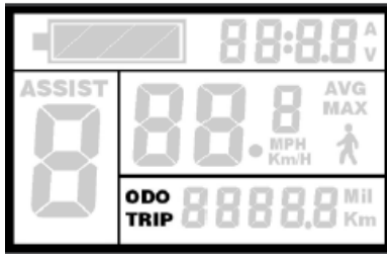
3.5.8. Headlight & Rearlight

For night or low light conditions, you can turn on the bike headlight and rearlight by pressing the “UP” arrow and “MODE” together for three seconds. You can also turn off these lights by pressing the “UP” arrow and “MODE” together for three seconds.

3.5.9. Distance

There are two distances that can be displayed on the DJ Folding bike: the Riding distance and the Total distance. If you want any of these two distances to be shown on your LCD display,

press the “MODE” button. Note that while the Riding distance is indicated by hours and minutes, the Total distance is indicated by minutes.



3.5.10. Battery Capacity

Always monitor the status of your DJ Folding Bike battery and charge when necessary.



Battery Voltage



Low Voltage Flash

3.6. Electric Power (Turn Off)

To turn off the electric power on the bike motor, hold the centre “MODE” button on the LCD display down for five seconds until the King Meter® display is off. For safety reasons, it is recommended that you turn the on the battery to the “OFF” position. This also serves to conserve energy.



3.7. Charge Your Smart Devices

The battery comes with a USB charging port so you can charge your smartphone while you’re navigating your ride. The charging cable is not included in the package.

4 Error Codes

The DJ Folding Bike has an accurate way of displaying errors with the King Meter®. If the electronic controls, motor or battery have issues, the bike might not perform optimally. The table below serves as a guide as to how to troubleshoot if you have problems using this bike.

Display Value	Error Message	What's wrong	How to fix
21	Electric current abnormality	Plugs damaged or not properly connected	Change plugs or safely connect plugs
22	Throttle abnormality	Thumb throttle held down when turning on the DJ Folding Bike	Manually lift the lever on the thumb throttle. Lubricate the seams
23	Motor open phase	Poor connection between plug and motor	Ensure the plugs are properly connected to the motor and communicating
24	Motor hall signal	No connection between the motor and controller	Ensure the plugs are connected and communicating
25	Brake abnormality	Holding down the brake handle when turning on the bike	Release the brake handle when turning on the bike
30	Communication abnormality	No connection between the display and controller	Ensure the plugs are properly connected to the motor and communicating
	Batt LU	Low battery	Charge the bike's battery

5 Technical Support

At DJ Bikes, we take your feedback seriously as customer satisfaction is very important to us. Please do not hesitate to contact the DJ Bikes service support if you require further technical assistance. Our amazing Customer Service Team will be happy to answer any inquiries and make sure you get the help and support that you need.

After Sale Contact Information

Website: Go to dj-ebikes.com and click "Contact Us" to send us a message, email support@dj-ebikes.com, or call toll-free 1.833.933.5588.

6 Return Policy & Warranty

Please see our latest return policy and warranty information on our website: www.dj-ebikes.com.