

USER'S MANUAL



DJ Mid Drive Fat Bike

Designed & Produced by





1. Tektro® Front Disc Brake
2. Front Suspension
3. Tire Valve Stem
4. Front Fender
5. Brake Levers
6. Grip
7. Bafang LCD Display
8. Bell
9. Thumb Throttle
10. Handlebar Stem
11. Frame
12. Quick Release Seat Lock
13. Seat Post
14. Seat
15. Battery Key

16. Battery
17. Rear Fender
18. Rear Brake Calliper
19. Tektro® Rear Disc Brake
20. Shimano® Derailleur
21. Tires
22. Spokes
23. Reflector
24. Rims
25. Kickstand
26. Chain
27. Crank
28. Mid Drive Motor
29. Pedals
30. Front Brake Calliper



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.

THIS MANUAL IS NOT INTENDED AS A DETAILED USER, SERVICE, REPAIR OR MAINTENANCE MANUAL. PLEASE SEEK ASSISTANCE FROM A QUALIFIED TECHNICIAN FOR SERVICE, REPAIRS OR MAINTENANCE.



IMPORTANT SAFETY INSTRUCTIONS – PLEASE KEEP THIS MANUAL FOR REFERENCE

WARNING: *INCORRECT ASSEMBLY, MAINTENANCE, OR USE OF YOUR E-BIKE CAN CAUSE COMPONENT OR PERFORMANCE FAILURE, LOSS OF CONTROL, SERIOUS INJURY, OR DEATH. EVEN IF YOU'RE AN EXPERIENCED BIKE RIDER, YOU MUST READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE RIDING. IF YOU ARE NOT SURE YOU HAVE THE EXPERIENCE, SKILLS, AND TOOLS TO CORRECTLY PERFORM ALL ASSEMBLY STEPS IN THE MANUAL, CONSULT A LOCAL, CERTIFIED, REPUTABLE BIKE MECHANIC.*

WARNING: This manual provides specific information on how you can safely operate the a-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 e-bike. Please note that the e-bike can quickly reach high speeds, therefore caution must be exercised when operating the bike.

WARNING: Familiarize yourself and obey local laws and regulations always governing the operation of e-bikes. 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.

WARNING: Electric bikes can be dangerous to use. The user or consumer assumes all risk of personal injuries, damage, or failure of the bicycle or system and all other losses or damages to themselves and others and to any property arising as a result of using the bicycle.

WARNING: As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components may react to wear or stress fatigue in different ways. If the design life of a component has been exceeded, it may suddenly fail possibly causing injuries to the rider. Any form of crack, scratches, or change of coloring in highly stressed areas indicates that the life of the component has been reached and it should be replaced.

WARNING: Do not disassemble, modify, or replace electrical parts. Modifications are not covered by the warranty, and can lead to risk of fire, electrical shock, injury or death.

WARNING: 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.

WARNING: E- bike riders must be at least 18 years of age.

WARNING: Do not use the battery/operate the bike other than within the temperature range of -10° to +40° C (14° to 104° F).

WARNING: Do not use any charger other than the Underwriters Laboratories (UL) certified charger provided with your e-bike and battery. Doing so may cause damage to the battery.

SEE ADDITIONAL SAFETY REQUIREMENTS UNDER SECTION 6 (p. 19) OF THIS MANUAL.

Device Model	Device Type	Minimum Rider Age	Dated Input Voltage Vdc	Input Current (Max) A	Maximum Rider Weight kg/lbs	Maximum speed km/h or mph	Charge Temperature Range °C	Operating Temperature Range °C	Enclosure IP Rating
HE004FM	Electric bicycle	18	54.6	3.0	120/265	32 km/h 20 mph	0~30	-10~45	IPX4

2 ASSEMBLY INSTRUCTIONS

Congratulations on receiving your DJ Mid Drive Fat 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 Mid Drive Fat Bike. We recommend you consult with DJ Bikes if you have any questions regarding the assembly process.

The time to assemble the DJ Mid Drive Fat Bike is about one hour.

2.1. Take Photos / Open the Box

We highly recommend taking photos of the box, shipping label, and serial number of the bike and battery and keeping the box for at least one month. You can write your serial numbers on the last page of the manual.

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 Mid Drive Fat Bike 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 Mid Drive Fat Bike's battery before use. The entire charging process may take between 1 to 6 hours to be fully charged. When the battery is fully charged, a green light indicator appears. The steps for charging your battery follow.



INFORMATION PERTAINING TO RISK OF FIRE OR ELECTRIC SHOCK:

WARNING: The battery is intended to be charged when the ambient temperature is between -10° to +40° C (14° to 104° F). Never charge the battery when ambient temperatures are outside of this range.

WARNING: This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING: Improper connection of the equipment grounding conductor may result in an electric shock. Check with a qualified electrician if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Note that on the DJ Mid Drive Fat Bikes, the key unlocks and locks the battery, but the battery is turned on and off by toggling the red button.

- 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 Mid Drive Fat 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:

- With the handlebar post facing front, ensure the Allen bolt on top of the handlebar is visible (if the Allen bolt is visible, skip the next step)



- If the Allen bolt on top of the handlebar is not visible, use the wrench to unscrew the bolt and turn the handlebar post 180°. The bolt should be below the handlebar



- Finally, unscrew the two bolts to place the handlebar in position, and fasten the screws tightly

2.4. Assemble the front wheels

For your safety, when assembling the DJ Mid Drive Fat 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

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 Mid Drive Fat 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. Install Fender and Headlight

For your convenience and safety, the DJ Mid Drive Fat Bike comes equipped with a front light and fender.

Locate the fender hardware. Attach both the fender and headlight to the upper mount in the order, as per the photo: washer, headlight, fork, fender, washer then locknut.

Note: If the fender is rubbing on the wheel, loosen the upper mount and adjust the slotted mount to clear the tire. If the fender is rubbing on the side, the metal stay can be bent as needed to clear it.



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).

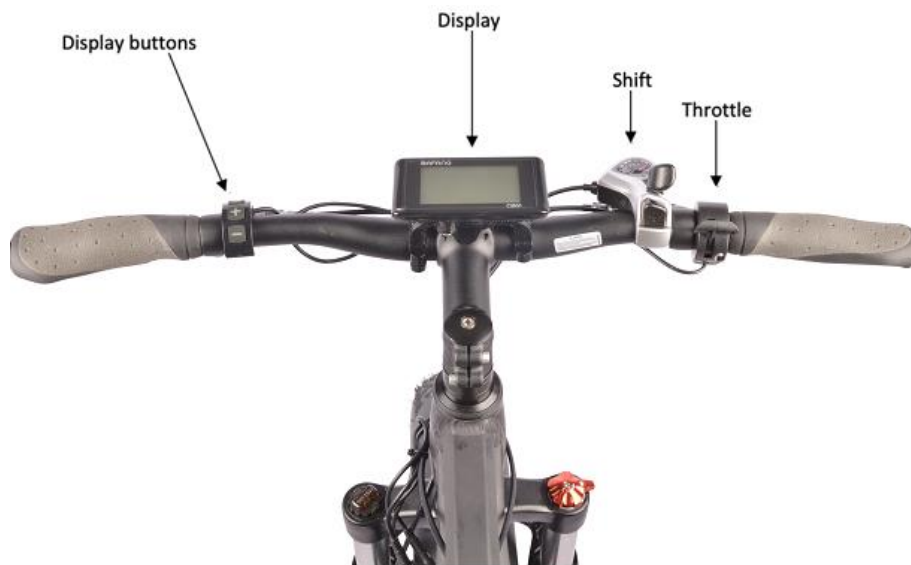
2.9. Final Checklist

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.

Display: Gives useful information about the working condition of the DJ Mid Drive Fat 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. Intelligent Display HMI

The DJ Mid Drive Fat Bike uses a display called the Intelligent Display HMI.

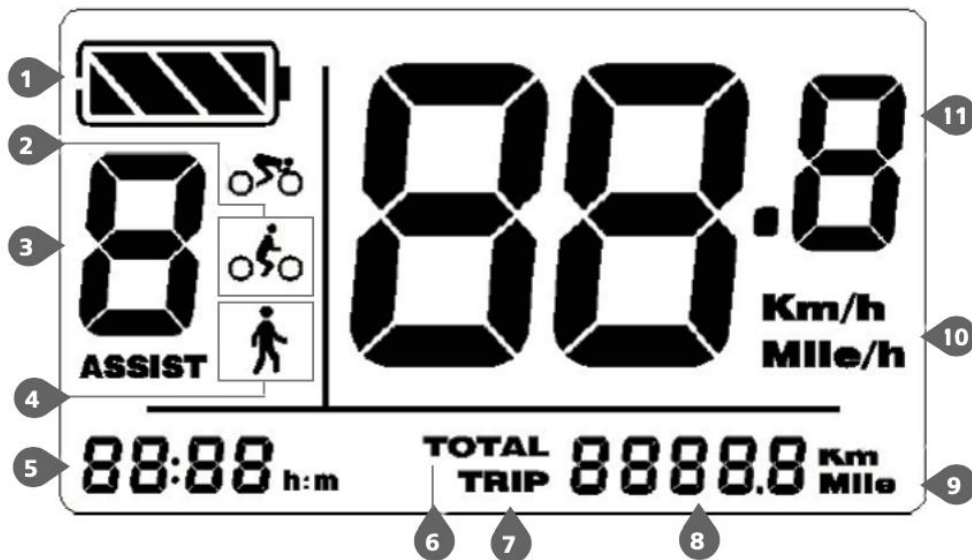
3.2.1. Specifications

The specifications of the Intelligent Display HMI are listed below:

Rated voltage: 36V/43V/48DC	Operating Temperature: -20°C ~ 45°C
Rated current: 10mA	Storage Temperature: -30°C ~ 70°C
Maximum operating current: 30mA	IP Level: IP65
Power-off leakage current: <1uA	Ambient humidity in storage: 30% - 70%
Operating current supplied to controller: 50mA	

3.2.2. Display

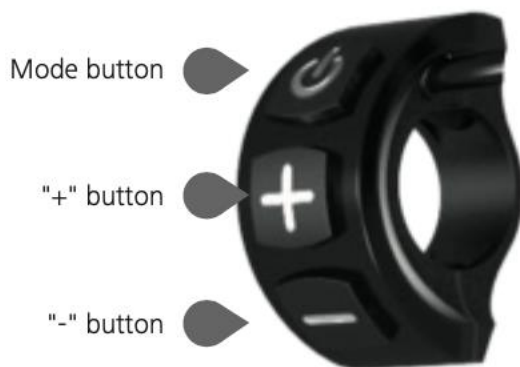
The display of the Intelligent Display HMI is shown below:



The legend for the display is listed below:

1. Battery level
2. General mode indicator
3. Support level indicator
4. Walk assistance indicator
5. Clock/time indicator
6. Odometer indicator
7. Trip indicator
8. Trip data indicator
9. Unit of distance
10. Unit of speed
11. Speed indicator

3.2.3. Buttons Description



3.3. Electric Power (Turn On)



WARNING: DO NOT illuminate the Intelligent Display HMI if you are NOT on the bike and ready to ride forwards. This avoids false starts and crashes!

WARNING: ALWAYS 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 Intelligent Display HMI, 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).



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.

3.4. Ride Modes

There are two ride modes that can be selected with the DJ Mid Drive Fat Bike. They are the Support Level Mode and the Assistance Mode.

3.4.1. Support Level Mode

This is a very important control on the DJ Mid Drive Fat Bike that regulates the support level. When the power is on and the Intelligent Display HMI is illuminated, press the “+” or “-” buttons to increase or reduce the support level.

3.4.2. Assistance Mode

In this mode, the DJ Mid Drive Fat 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. Headlight

For night or low light conditions, to turn on the bike headlight, press the “+” arrow and hold for two seconds. To turn off the headlight, press the “-” arrow and hold for two seconds.

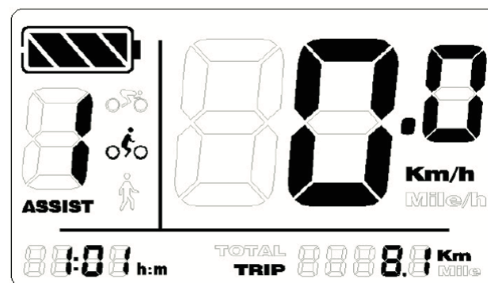
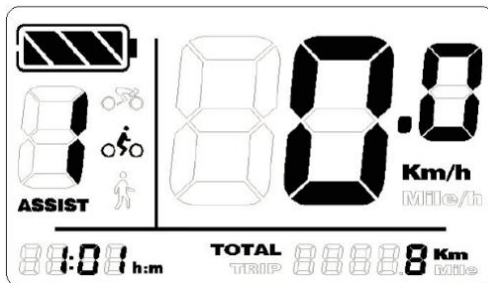
3.6. Distance

There are two distances that can be displayed on the DJ Mid Drive Fat Bike: the single-trip distance and the total distance. When the power is on and the Intelligent Display HMI is illuminated, press the “MODE” and “-” buttons together and hold for two seconds. This will reset the single-trip distance.

If you want to switch between the total distance and single-trip distance, press the “+” button. The pictures below show both the total and single-trip distance interfaces:

Total Trip Distance

Single Trip Distance



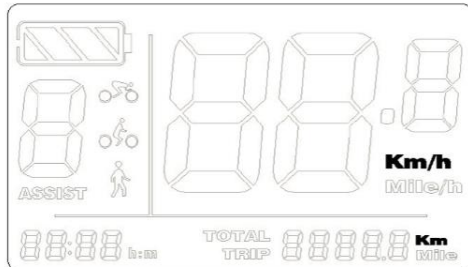
3.7. Intelligent Display HMI General Settings

You can configure the general mode settings of the Intelligent Display HMI of the DJ Mid Drive Fat Bike as follows. *Note that you do not need to configure the Intelligent Display HMI to operate the bike. This is for your reference only.*

After your Intelligent Display HMI has been powered on, to enter the general setting mode, press both the “+” and “-” in quick succession and hold for three seconds. You are now in the “General Settings” phase, and can make adjustments for your convenience. If at any point, you want to exit this phase, press the “MODE” button and hold for more than two seconds, This saves your current settings and exits the settings phase. To confirm the current setting, press the “MODE” button and hold for up to two seconds. The different settings are explained below in a sequential format, from the top to the bottom.

3.7.1. Unit of Speed and Distance

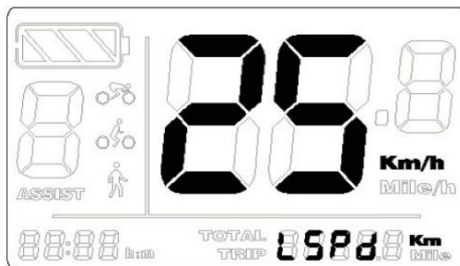
The DJ Mid Drive Fat Bike gives you an option of selecting your desired speed unit in km/hr or miles/hr; and the distance in km or miles. The first setting is the unit of speed and distance. To switch between the km/h or mile/h; and the km or mile, press either the “+” or “-” buttons.



3.7.2. Top Speed Limit

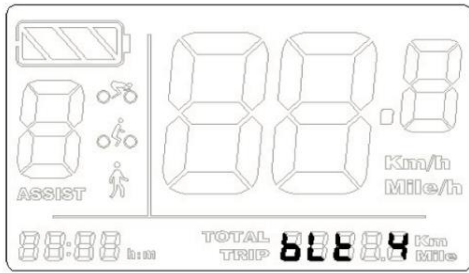
Pressing the “MODE” button after confirming the unit of speed and distance in the previous section will automatically direct you to the “Speed” settings. Note that while the default top riding speed on the DJ Mid Drive Fat Bike is <32 km/hr (kilometers per hour) or <23 mph (miles per hour), this value can be set from between 10 km/hr to 32 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 do not recommend you 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.



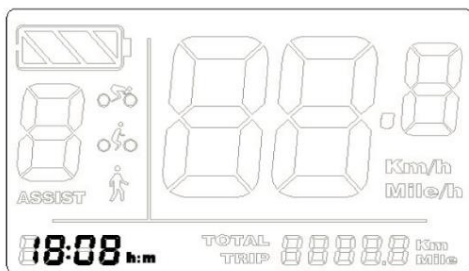
3.7.3. Brightness

Pressing the “MODE” button after confirming the top speed limit in the previous section will automatically direct you to the “brightness level” settings. To adjust the level of brightness on the DJ Mid Drive Fat Bike, press “+” or “-” buttons. This either increases or reduces the level of brightness. The brightness level range on the DJ Mid Drive Fat Bike is between 1 to 8.



3.7.4. Time/Clock

Pressing the “MODE” button after confirming the level of required brightness in the previous section will automatically direct you to the “time or clock” settings. The DJ Mid Drive Fat Bike uses a 24-hour system. To set the time on the DJ Mid Drive Fat Bike, you will be prompted to set the hours first and the minutes next. Adjust the “HOUR” symbol with the “+” or “-” 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 “+” or “-” button. To confirm your minutes choice, press the “MODE” button. You have now set the time on the DJ Mid Drive Fat Bike.



Note that the Intelligent Display HMI has to be switched off, and turned back on to make these settings operational.

Pressing the “MODE” button after setting the time/clock will exit the general settings mode.

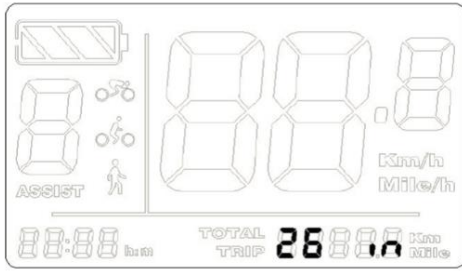
3.8. Intelligent Display HMI Advanced Settings

You can configure the advanced mode settings of the Intelligent Display HMI of the DJ Mid Drive Fat Bike as follows. *Note that you do not need to configure the Intelligent Display HMI to operate the bike. This is for your reference only.*

After your Intelligent Display HMI has been powered on, to enter the general setting mode, press both the “+” and “-” in quick succession and hold for three seconds. You are now in the “General Settings” phase. To activate the advanced mode settings, press the “+” and “-” buttons together and, at the same time, press the “MODE” button eight times.

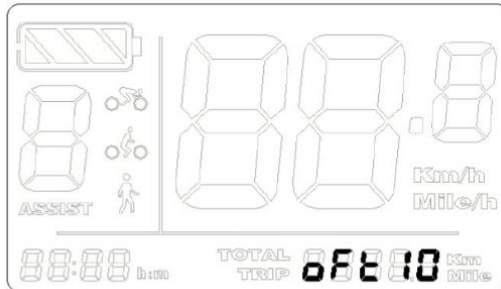
3.8.1. Wheel Size

The first setting is the wheel size diameter, to increase or decrease the wheel size, press the “+” or “-” button. The wheel size range on the DJ Mid Drive Fat Bike is between 8 and 32. The picture below shows the recommended wheel size diameter of 26 inches.



3.8.2. Automatic Power-Off

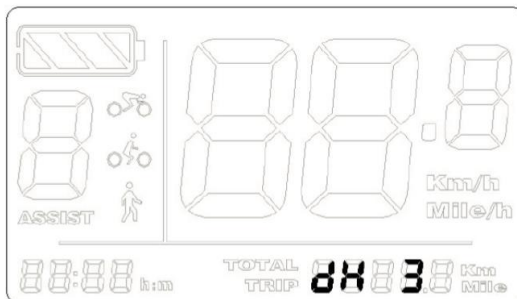
Pressing the “MODE” button after selecting your wheel size, will direct you to set a duration of time (in minutes), when your DJ Mid Drive Fat Bike can be automatically turned off if not in motion. Therefore, in this set time duration, the Intelligent Display HMI will be automatically powered off, and the power supply for itself and the controller will be disconnected.



It is highly recommended this value is not set to zero, as this would mean this function is deactivated, and you need to manually shutdown the device.

3.8.3. Exit Advanced Settings

Pressing the “MODE” button after setting the automatic power-off time in minutes, will direct you to setting the total support level number. The options available are the 3/5/9 levels. This is shown in the picture below:

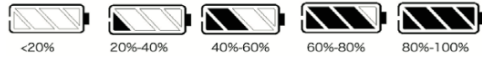


The total support level number does not take into consideration the parking position, which is Level 0. Therefore, if the total support number is adjusted to 3, the authentic levels would include 0/1/2/3.

Note that the Intelligent Display HMI has to be switched off, and turned back on to make these settings operational.

3.9. Battery Capacity

Always monitor the status of your DJ Mid Drive Fat Bike battery and charge when necessary. The different battery levels on the Intelligent Display HMI are as follows:



3.10. Electric Power (Turn Off)

To turn off the electric power on the bike motor, hold the “MODE” button on the LCD Display down for five seconds until the Intelligent Display HMI 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.

3.11. 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 Mid Drive Fat Bike has an accurate way of displaying errors with the Intelligent Display HMI. 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
03	Brake enabled	Brake cables may be stuck	Ensure the brake cables are not tangled
07	High voltage protection	Voltage reaches the maximum protection value	Take the bike to an e-bike mechanic
08	Motor hall sensor abnormality	No connection between the motor and controller	Take the bike to an e-bike mechanic
*10	High motor temperature	Motor temperature reaches the maximum protection value	Stop the DJ Mid Drive Fat Bike, and allow it to rest
12	Controller sensor abnormality	Fault with current sensor inside controller	Take the bike to an e-bike mechanic
13	Battery temperature sensor abnormality	Fault with temperature sensor inside the battery	Take the bike to an e-bike mechanic
21	Wheel speed sensor abnormality	Fault with wheel speed detecting sensor	Take the bike to an e-bike mechanic
22	BMS communication abnormality	BMS communication fault	Take the bike to an e-bike mechanic
25	Torque sensor torque signal fault	Fault with torque sensor	Take the bike to an e-bike mechanic
26	Torque sensor speed signal fault	Fault with torque sensor	Take the bike to an e-bike mechanic
30	Communication abnormality	No connection between the display and controller	Take the bike to an e-bike mechanic

**This error might be displayed when the DJ Mid Drive Fat Bike has been in an ascending (or uphill) operation for a long time. Rest the Electric Bike, when this happens. For the protection of the motor, the motor has been programmed to cut out the power when the temperature reaches the maximum value.*

5 OPERATING INSTRUCTIONS

Off-road riding requires close attention and specific skills, and presents variable conditions and hazards. Wear appropriate safety gear and don't ride alone in remote areas. Check local rules and regulations about whether off-road e-bike riding is allowed.

Wet Weather:

Riding in wet weather is not recommended if avoidable. If you must ride in wet weather, take extra care, and pay attention to the following:

- Before riding, check whether the various functions of the e-bike work normally, especially the brakes.
- Decrease riding speed to help you control the bike in slippery conditions.
- Brake earlier since it will take longer to slow than when operated in dry conditions.
- Take care to be more visible to others on the road. Wear reflective clothing and use approved safety lights
- Road hazards are more difficult to see when wet. Proceed with caution.

Night Riding:

It is not recommended to ride at night if avoidable. If you must ride at night, please pay attention to the following:

- Wear reflective and light-colored clothing.
- Slow down and use familiar roads with street lighting, if possible.
- Ensure tire wall, pedal, and other reflectors are installed and unobstructed.
- Ensure the bike is equipped with head and tail lights and works properly.

General Operating Rules:

- Ride predictably, in a straight line, and with the flow of traffic. Never ride against traffic.
- Concentrate on the path ahead. Avoid potholes, gravel, wet or oily roads, wet leaves, curbs, train tracks, speed bumps, drain gates, thorns, broken glass, and other obstacles, hazards, and puncture risks.
- When braking, apply the rear brake first (right), then the front brake (left). If brakes are not correctly applied, they may lock up, you may lose control, and there is a risk of falling.
- When the gear shifter is on 1, it will be easier for pedaling, but the speed will be slower. The shifter can be adjusted to 1 when climbing uphill.
- When the gear shifter is on 7, it will bring a faster speed when you add more effort for pedaling. On a flat road, the gear shifter can be adjusted to 7 to obtain a faster speed.

6 SAFETY

When using this product, basic precautions should always be followed. This includes (a) reading this manual; (b) closely supervising children when assembling or riding the bike; (c) not putting

fingers or hands into the e-bike components; and (d) not using the e-bike if the power cord or output cable are frayed, have broken insulation, or show any other signs of damage.

Riders must have the physical coordination, reaction time and mental capability to ride and manage traffic, road conditions, and sudden changes to the riding environment, and respect the laws governing bicycle use where they ride, regardless of age. If you have an impairment or disability such as a visual impairment, hearing impairment, physical impairment, cognitive/language impairment, or a seizure disorder, consult your physician before riding any bicycle.

Ensure the e-bike is the correct size for its rider. See the “geometry” for each model of DJ Bike on our website (www.dj-ebikes.com). Especially, note that there must be at least one inch of clearance between: (a) the measurement between the e-bike’s top bar and the ground; and (b) the rider’s inseam measurement from the top of the groin to the ground.

Helmet: you must wear a helmet that meets UL (Underwriters Laboratories) or other safety standards while riding this DJ Mid Drive Fat Bike.

Mechanical Safety Check: check the condition of your Bike before every ride. Make sure no nuts, bolts or fixing are loose, with particular attention to the axle nuts and handlebar stem. Make sure the tires are correctly inflated with the recommended air pressure (located on the side wall of every tire. Check the brakes for proper operation. We highly recommend you take your e-bike to be serviced and checked by a qualified bike mechanic before 100 miles (161 kilometers) of riding. This is a standard good practice for any new bike as cables will stretch, and components will “bed in”. The service must include spokes tension for both front and rear wheels.

Your First Ride: when you buckle on your helmet and go for your first ride, be sure to pick an area away from cars, other cyclists, obstacles, or other hazards to become familiar with the controls, features, and performance of your e-bike.

Additional Passengers: the e-bikes are designed for one passenger only. Do not carry any additional passengers on the front or rear of the bike.

Weight Capacity: DJ Bikes are designed with a maximum weight capacity of 275 pounds for all models (including anything being pulled or carried on the rack(s)). Exceeding the maximum weight capacity can result in damage to the motor and battery, and can lead to serious injury.

Tires & Wheels: keep your tires properly inflated (see “Mechanical Safety Check” above). Check inflation by putting one hand on the saddle, one on the intersection of the handlebars and stem, then bouncing your weight on the bike while looking at tire deflection. Adjust if necessary. Then spin each wheel slowly and look for cuts in the tread and sidewall. Patch or replace damaged tires before riding the bike. When spinning your wheels, check for brake clearance and side-to-side wobble. If a wheel wobbles side-to-side even slightly, or rubs against or hits the brake pads, take the bike to a qualified bike shop to have the wheel trued.

7 MAINTENANCE

See DJ’s YouTube slide show here: <https://youtu.be/1o1qODXS6Pw>. To summarize:

- Regularly check the significant touch point bolts for tightness – handlebars, seat rails, wheels, etc. If any of these come off while riding, it can be dangerous. Riding with loose bolts can be an expensive and inconvenient repair.
- Lube your chain regularly, with an appropriate lubrication product (obtained from your local bike shop or sporting goods store – avoid WD40 unless it is the product specific to bikes).
- Check tire pressure at least once a week. Pump up to the recommended pressures (imprinted on the tires) if needed.
- Clean your e-bike with a regular hose and/or bucket and soft brush. Avoid high pressure water systems as you don't want to get water in the electronic areas. For more tips, see our Knowledge Base article here: <https://dj-ebikes.freshdesk.com/a/solutions/articles/66000477796>.
- Wiring: be careful not to knock your wiring, particularly on things such as lights, motor cables near wheels, sensor cables, etc.
- Batteries: see our YouTube slide show (<https://youtu.be/bODGt7ZDTsk>) and blog post (<https://dj-ebikes.com/blogs/news/tips-for-battery-maintenance>) on battery care and safety. Be careful when sliding your battery in and out to prevent bending any battery plate nodes.

The next best thing you can do for your e-bike is to get it serviced regularly by a skilled mechanic, preferably one with experience working on electric bikes. Find or avoid problems before they happen.



WARNING: Risk of Fire - No User Serviceable Parts

8 PARKING, STORAGE, AND TRANSPORT

Please follow these tips to ensure your e-bike is well cared for when you're not using it.

Parking and Storage

- Park in accordance with local rules and regulations, especially if you're in a public place.
- Park indoors whenever possible. If you must park outdoors in rain or wet conditions, do not do so for an extended period of time, and afterward park in a dry location to allow the bike systems to dry out. When any bike is exposed to wet conditions, it will need a more frequent maintenance schedule to prevent rust and corrosion and to ensure all systems work safely.
- Avoid parking or storing your bike in direct sunlight, which can cause damage to the display.
- Do not park or store your bike in excessive heat, such as inside of a parked car on a hot day. Always store your bike within this temperature range: -20°C to 60°C (-4°F to 140°F).
- Switch the power and any lights off to conserve battery power. Remove the key from the bike and ensure the battery is locked to the frame or use the key to remove the battery and bring it with you for security.
- Register your bike with BikeIndex, 529 Garage, or a regional bike registry (ask your local bike shop for recommendations) to increase the chance you'll get your bike back in the

unfortunate event it's stolen, and lock up your bike to reduce risk of theft. See our blog post on preventing bike theft: <https://dj-ebikes.com/blogs/news/preventing-bike-theft>

Transporting

- When pushing or carrying the bike, turn off the power to avoid accidental acceleration from the motor, e.g. by mistakenly twisting the throttle. Another option is to keep the bike powered on and use "walk mode."
- Only use racks (i.e., a bike rack for your car or other vehicle) designed for the size and weight of your ebike. Pay particular attention to whether the rack can accommodate the width of your ebike tires.
- When carrying your ebike on a rack for transport, remove the battery, and place/wrap it securely inside your vehicle, making sure it can't roll around and that its plugs and contacts are protected. This will reduce the weight of the bike, make lifting and loading it easier, and keeps your battery safer.
- Do not leave a battery in direct sunlight or any location that is or may become excessively hot or cold, like a parked car, for extended periods.
- Before using public transportation (buses, trains, etc.) to transport your e-bike, check with the relevant transportation authority for any rules that might pertain to e-bikes, including rules governing weight limits, tire widths, lithium-ion batteries, etc.
- Avoid transporting bike(s) on a vehicle rack during rain, which may cause water damage to the electrical components.

9 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 inquires and make sure you get the help and support that you need.

After Sale Contact Information

Website: Go to dj-ebikes.com and click on the "HELP" widget (bottom right of the site) to send us a message, email support@dj-ebikes.com, or call toll-free 1.833.933.5588.

10 RETURN POLICY & WARRANTY

Please see our latest return policy and warranty information on our website:

www.dj-ebikes.com.

BICYCLE SERIAL NUMBER: _____
BATTERY SERIAL NUMBER: _____

Information on where to find the serial number on the different models can be found here:

<https://dj-ebikes.freshdesk.com/a/solutions/articles/66000361304>