ByteTecpeak D10

ByteTecpeak D10 Electric Wheelchair User Manual

Model: D10 | Brand: ByteTecpeak

1. Introduction

The ByteTecpeak D10 Electric Wheelchair is designed to provide mobility and independence. This lightweight and foldable power wheelchair features powerful 500W motors, a 12Ah lithium battery for extended travel, and a user-friendly design for ease of use and transport. This manual provides essential information for the safe and effective operation, maintenance, and care of your D10 Electric Wheelchair.



Figure 1: Overview of ByteTecpeak D10 Electric Wheelchair key features including 500W motors, 12Ah battery, 13+ miles travel distance, electromagnetic brake, 360° control joystick, and foldable design.

2. Safety Information

Read all instructions before using the wheelchair. Failure to follow safety guidelines may result in injury or damage to the product.

- Always ensure the wheelchair is fully unfolded and locked before use.
- Ensure the battery is securely connected and fully charged before operation.

- Do not operate the wheelchair on inclines exceeding 12 degrees.
- Always use the safety belt provided.
- Avoid operating in extreme weather conditions (heavy rain, snow, ice).
- Keep hands and clothing clear of moving parts.
- Consult a healthcare professional for guidance on safe usage if you have any medical conditions.

Legal Disclaimer: Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition. This product is a mobility aid.

3. Package Contents

Upon unpacking, verify that all components are present:

- ByteTecpeak D10 Electric Wheelchair (folded)
- Joystick Controller
- 12Ah Lithium Battery (pre-installed or separate)
- Battery Charger
- User Manual
- Anti-tip wheels (if separate)

4. Setup and Assembly

4.1 Unfolding the Wheelchair

1. Place the folded wheelchair on a flat, stable surface.
2. Gently pull the backrest upwards until the frame locks into place.
3. Push down on the seat fabric until it is flat and secure.
4. Lower the footrest into position.



Figure 2: The ByteTecpeak D10 Electric Wheelchair shown in both its unfolded, ready-to-use state and its compact, folded state for storage or transport.

4.2 Attaching the Joystick Controller

1. Locate the mounting bracket on either the left or right armrest.
2. Slide the joystick into the bracket.
3. Secure the joystick by tightening the knob underneath the armrest.
4. Connect the joystick cable to the corresponding port on the wheelchair.



Figure 3: The flexible armrest design of the D10 Electric Wheelchair, illustrating how the joystick can be mounted on either the left or right side and adjusted for user comfort.

4.3 Battery Installation and Charging

1. Ensure the battery is properly inserted into its compartment beneath the seat.
2. Connect the red power cord from the wheelchair to the battery.
3. To charge, connect the charger to the charging port on the joystick or directly to the battery.

4. The charging indicator on the charger will show the charging status.



Figure 4: Illustration of the two charging methods for the D10 Electric Wheelchair: directly through the controller or by removing the battery to charge it separately.

4.4 Video: D10 Lightweight and Foldable Electric Wheelchair Setup

Video 1: This video demonstrates the unfolding and basic setup of the ByteTecpeak D10 Electric Wheelchair, including attaching the joystick and preparing it for use.

5. Operating Instructions

5.1 Joystick Control

The 360° flexible joystick allows for precise control of the wheelchair's movement and speed.

- **Power On/Off:** Press the power button to turn the wheelchair on or off.
- **Speed Adjustment:** Use the '+' and '-' buttons to increase or decrease speed.
- **Direction:** Move the joystick in the desired direction (forward, backward, left, right).
- **Horn:** Press the horn button for audible alerts.



Figure 5: Detailed view of the 360° flexible joystick, highlighting buttons for speed display, power on/off, quick charging port, battery display, horn, speed up, and speed down.

5.2 Electric and Manual Modes

The D10 electric wheelchair offers two modes of operation: electric and manual. You can switch between these modes as needed.

- **Electric Mode:** Engage the clutches on both sides of the wheelchair (down position) and use the joystick for powered

movement.

- **Manual Mode:** Disengage the clutches (up position) to allow the wheelchair to be pushed manually like a traditional wheelchair.



Figure 6: Visual guide demonstrating the effortless switch between electric and manual modes, showing the user operating with the joystick and another person pushing the wheelchair.

5.3 All-Terrain Performance

The D10 is equipped with powerful 500W motors and anti-skid wheels, allowing it to navigate various terrains effectively.



Figure 7: The ByteTecpeak D10 Electric Wheelchair demonstrating its capability to traverse different terrains such as muddy roads, grass, gravel roads, and bumpy roads.

5.4 Video: Operating Features and Folding

Video 2: This video highlights the comfortable and easy-to-fold aspects of a similar electric wheelchair, showcasing its maneuverability and compact storage.

6. Maintenance

- **Cleaning:** Wipe down the frame and seat with a damp cloth. Avoid using harsh chemicals.
- **Battery Care:** Charge the battery regularly, even if not in frequent use, to prolong its lifespan. Store in a cool, dry place.
- **Tire Pressure:** Check tire pressure periodically and inflate as needed (refer to tire sidewall for recommended pressure).
- **Inspections:** Regularly check all nuts, bolts, and connections for tightness. Ensure brakes are functioning correctly.

7. Troubleshooting

If you encounter issues with your ByteTecpeak D10 Electric Wheelchair, refer to the following common problems and solutions:

- **Wheelchair does not move when powered on:**
  - Ensure the handbrake is fully disengaged (down position).
  - Check that both left and right clutches are pressed down for electric mode.
- **Wheelchair moves in the wrong direction:**
  - Verify that the left and right motor wires are correctly plugged in. If reversed, correct them.
- **Charging indicator lights up but battery does not charge:**
  - Ensure the wheelchair's red power cord is securely connected.

7.1 Video: Installation and Troubleshooting Tips

Video 3: This video provides guidance on the installation and use of electric wheelchairs, including solutions for common operational problems.

8. Specifications

Feature	Specification
Product Dimensions	35.4"D x 23.6"W x 36.2"H
Item Weight	53 Pounds
Weight Capacity	Up to 330 lbs
Motors	500W Brush Motors
Battery	12Ah Lithium Battery
Travel Range	Up to 13 miles (with 10Ah battery, 12Ah variant may differ slightly)
Material	Aluminum
Color	Sliver

9. Warranty and Support

ByteTecpeak is committed to customer satisfaction. We offer:

- 24/7 online problem-solving support.
- A hassle-free 30-day return and exchange policy.

For technical assistance, warranty claims, or any inquiries, please contact ByteTecpeak customer service through the retailer or the official ByteTecpeak website.

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Example: How do I reset this device or fix this error?

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