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› GenSDH Electronic Digital Torque Wrench Torque Meter TM4 User Manual

## GenSDH TM4

# GenSDH Electronic Digital Torque Wrench Torque Meter TM4 User Manual

Model: TM4

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your GenSDH Electronic Digital Torque Wrench Torque Meter, model TM4. Please read this manual thoroughly before operating the device to ensure proper function and to prevent damage or injury. Keep this manual for future reference.

## 2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) when using tools.
- Ensure the torque wrench is clean and free from debris before each use.
- Do not exceed the maximum torque capacity of the device (1000 NM).
- Avoid dropping or subjecting the device to severe impacts.
- Store the device in a dry, clean environment away from extreme temperatures.
- Do not attempt to disassemble or modify the device, as this may void the warranty and cause malfunction.

## 3. PRODUCT OVERVIEW

The GenSDH Electronic Digital Torque Wrench Torque Meter is designed to convert any standard ratchet wrench into a precision digital torque measuring tool. It provides accurate torque readings for various applications, including automotive and industrial tasks.



Figure 1: GenSDH Electronic Digital Torque Wrench Torque Meter TM4. This image shows the main unit of the torque meter, typically featuring a digital display, control buttons, and a square drive for attachment to a ratchet.

## 4. SPECIFICATIONS

| Feature                | Specification        |
|------------------------|----------------------|
| Model                  | TM4                  |
| Wrench Head Type       | Square               |
| Format                 | Metric               |
| Drive Square Head Size | 3/4 inch             |
| Scale Method           | Digital              |
| Minimum Torque         | 50 NM                |
| Maximum Torque         | 1000 NM              |
| Material               | Tool Steel           |
| Finish                 | Chrome Plated        |
| Graduation Value       | 0.1                  |
| Accuracy               | ±2%                  |
| Full Length            | 120 mm (approximate) |
| Weight                 | 570 g (approximate)  |
| Manufacturer           | GenSDH               |
| ASIN                   | B0DHKP6BCF           |

## 5. SETUP

- Unpacking:** Carefully remove the torque meter from its packaging and inspect for any signs of damage.
- Battery Installation:** Locate the battery compartment (usually on the back or side of the unit). Insert the required batteries (e.g., AAA or button cell, not specified in product data, common assumption for digital devices) according to the polarity indicators. Close the compartment securely.
- Attachment to Ratchet Wrench:** Insert the square drive of the torque meter into the corresponding drive of your ratchet wrench. Ensure it is securely seated.
- Power On:** Press the power button (usually marked with **ON/OFF**) to turn on the device. The display should illuminate.

## 6. OPERATING INSTRUCTIONS

- Unit Selection:** If applicable, press the 'UNIT' button to cycle through available torque units (e.g., Nm, ft-lb, in-lb). Select the desired unit for your application.
- Mode Selection:** The device may have different operating modes (e.g., Peak Hold, Track Mode). Refer to the on-screen indicators or specific buttons to select the appropriate mode.
- Setting Target Torque (if applicable):** For some models, you can pre-set a target torque value. Use the '+' and '-' buttons to adjust the target value.
- Applying Torque:** Attach the appropriate socket to your ratchet wrench and the fastener. Apply steady, controlled force to the ratchet wrench. The digital display will show the real-time torque value.

5. **Reaching Target Torque:** If a target torque is set, the device will typically emit an audible beep when the target value is approached or reached, indicating that you should stop applying force.
6. **Reading Results:** After applying torque, read the final value on the digital display. In Peak Hold mode, the highest torque applied will be displayed.
7. **Power Off:** Press and hold the power button to turn off the device when not in use to conserve battery life.

## 7. MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth after each use. Do not use abrasive cleaners or solvents, as these can damage the display or housing.
- **Storage:** Store the torque meter in its original case or a protective container in a dry, temperature-controlled environment. Remove batteries if the device will not be used for an extended period to prevent leakage.
- **Calibration:** While the device is professionally calibrated at the factory, periodic re-calibration by a qualified service center is recommended to maintain accuracy, especially after heavy use or impacts.

## 8. TROUBLESHOOTING

| Problem                  | Possible Cause                                                                                   | Solution                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Display does not turn on | Dead or incorrectly installed batteries                                                          | Check battery polarity or replace with new batteries.                                                                               |
| Inaccurate readings      | Device not properly attached to ratchet; needs re-calibration; operating outside specified range | Ensure secure attachment. Consider professional re-calibration. Verify torque applied is within 50-1000 NM range.                   |
| No audible beep          | Volume muted; target torque not set; device malfunction                                          | Check device settings for volume. Ensure a target torque is set. If problem persists, contact support.                              |
| Display shows error code | Internal malfunction or overload                                                                 | Turn off the device, wait a few seconds, then turn it back on. If the error persists, discontinue use and contact customer support. |

## 9. WARRANTY AND SUPPORT

This GenSDH product is covered by a limited warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact GenSDH customer support. For technical assistance or service inquiries, please visit the official GenSDH website or contact their customer service department.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

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**Question**

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

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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