



Digital Torque Screwdriver

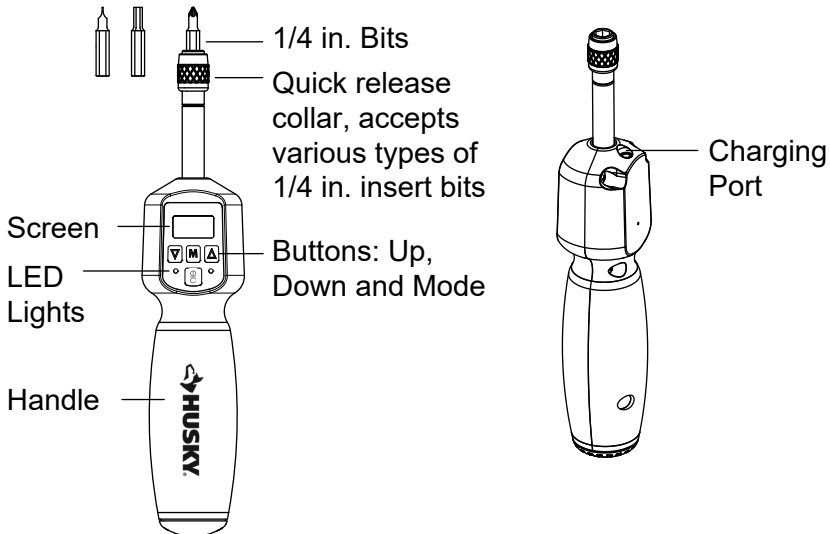
Item: 1007866725

Model: H4DETS



OVERVIEW

- This torque screwdriver is a precision instrument intended to be used only to tighten small fasteners to a desired torque. Do not use it in lieu of a regular screwdriver.
- Accuracy: +/- 3% from 20% to 100% of capacity in clockwise and +/- 5% from 20% to 100% of capacity in counter-clockwise



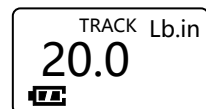
OPERATIONS

POWER ON

Press and hold the $\oplus$ key to power on. The screen displays the maximum torque value of the screwdriver and flashes twice, then the display shows as last saved value.

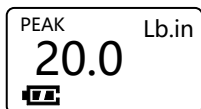
1. Set the Mode

Press "M" key, red light will display and a beep will sound, indicating that it has entered the setting mode. Press the up or down key to switch the mode "PEAK" or "TRACK" displayed at the top of the screen.



2. Set the unit of Measure

Press the "M" key to confirm the mode while hearing a beep to enter the unit setting. Press the up or down key to switch the torque unit on the right side of the screen: Lb.in, cN.m or Kg.cm in turn.



3. Set the Target Torque Value

Press "M" key to confirm the unit while hearing a beep to enter the target torque value setting. Press the up or down key to adjust the value, press and hold to speed up.

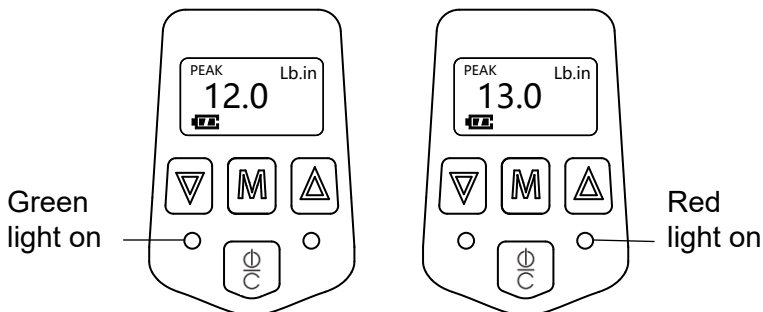


Press "M" key to confirm, then press the ϕ key to exit. When the red LED light turns off, the driver is ready to use.

HOW TO APPLY TORQUE

1. Peak Mode

- When in operation, the displayed torque value increases with the applied force.
- When the applied torque reaches 96% of the set value, the green light turns on and the buzzer will beep.
- When the applied torque exceeds 104% of the set value, the green light turns off, the red light turns on, and buzzer will stay on until torque is released. For example, the set value is 12.5 Lb. in, see below:



- When torque is released, the displayed result will remain on the screen. When the next application starts, the screwdriver will automatically reset to zero. You can also press $\frac{\oplus}{C}$ key to clear it manually.

2. Track Mode

- In this mode, when torque is applied, the display shows the current applied torque value. The value will drop to zero as the torque is released.
- Track mode has the same audible and visual alarms as the "Peak" mode, see previous page for details.

3. Backlight

Press the up key to turn on the backlight; Press the down key to turn off the backlight.

4. Power off

Press and hold the $\frac{\oplus}{C}$ key for 3 seconds to shutdown manually; After 3 minutes of inactivity the device will automatically shutdown.

5. Charging

This digital screwdriver has a built-in lithium battery. When the displayed battery icon is empty, use the special charging adapter provided (Input AC 110-220V/50Hz; Output DC 5V) to charge. Plug the DC end into the charging port (see Page 1) of the screwdriver.

The screen will automatically turn off during charging. To check the charging status, press the $\frac{\oplus}{C}$ key. The battery icon flashes when charging. When the icon becomes a full charged battery without flashing, the battery is fully charged. When charging is finished, unplug the charging cable.

MAINTENANCE AND CARE

1. The force applied to the electronic screwdriver should be evenly applied.
2. **DO NOT OVERLOAD.** Stop applying force immediately when the sound and light alarms indicate the desired torque is reached. Frequent overloading will affect the accuracy of the digital screwdriver. Never exceed the maximum value for the driver.
3. When the charging is finished, the device should be unplugged.