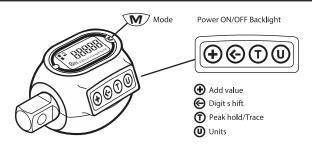


#### SIMPLE USER MANUAL & CERTIFICATE OF CALIBRATION

Read this material before using this product. Failure to do so can result in serious injury.

# CONTROLS



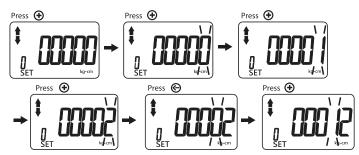
## SELECTING UNITS OF MEASURE

- 1. Pres s the the  $\, \mathbf{0} \,$  (Units) key to toggle the Units of measure indicator until the desired unit of measure
- 2. Five different unit selections are available: kg-cm, k-gm, in-lb, ft-lb, and N-m.



#### SETTING PRESET VALUE S

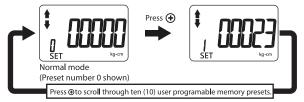
Press U to Select Units of Measure



Press T to Confirm and Press T again to Start

## SELECTING MEMORY PRESETS

Select 1 of 10 user programable memory presets.



#### CHANGING OR IENTATION OF DISPLAY

Press and hold to button for 2 seconds to toggle the orientation of the display readout.



## SELECTING PEAK HOLD/TRACKING MODES

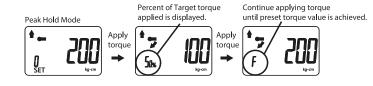
 $In \, Track \, mode \, \hbox{-} \, The \, display \, will \, regis \, ter \, \hbox{''real-time''} \, torque \, as \, it \, is \, applied. \, This \, is \, us \, eful \, when \, you \, are \, able \, applied \, when \, you \, are \, able \, you \, applied \, appl$ to observe the digital display while applying torque to a fas tener. Watching the torque val increase can as s is t you in applying torque evenly and safely, especially as you approach your targ torque setting.



## PEAK HOLD MODE OPERATION

In Peak hold mode, the digital display shows the maximum torque applied, which can be helpful for verifying that the correct torque was applied when the digital display is not vis ible during use. This mode is also handy when us ing the adapter to calibrate a torque wrench.

#### AUTO MODE:



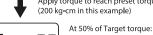
#### TRACKING MODE OPERATION

In Tracking mode, the display will regis ter torque as it is applied in real-time. This allows you to observe the digital display while applying torque to a fas tener. Watching the torque value increase can as s is t you in applying torque evenly and safely, especially as you approach your target torque setting.





Select pre-setting: 200 kg-cm



Apply torque to reach preset torque value (200 kg-cm in this example)



Percentage of preset torque value is displayed



 $\eta_{0x}$ 

At 70% of target torque:

• Percentage of preset torque value is displayed

• Buzzer sounds : Bi-Bi-Bi

Apply

torque

Apply





At 90% of target torque:

• Percentage of preset torque value is displayed · Buzzer sounds : Bi-Bi-Bi-Bi

Red LED flashes





At 100% of target torque:

Percentage of preset torque value is displayed

• Buzzer sounds : BiBiBiBiBiBiBi • R ed LE D flashes

\*\*\*







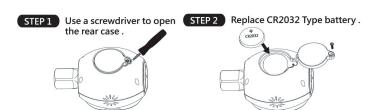
# SIMPLE USER MANUAL & CERTIFICATE OF CALIBRATION

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# POWERING OFF DIGITAL TORQUE ADAPTER

Press and hold Mode button for 2 seconds to turn unit off.

NOTE: This tool will automatically enter s leep mode after 3 minutes of inactivity.



**ATTENTION** 

Please be noted the polarity of battery , "+" should be at upper side .

# CALIBRATING A TORQUE WRENCH USING DIGITAL ADAPTER

- 1. Set your torque wrench to a value of approximately 25% of its maximum capacity. For example, if your torque wrench has a maximum capacity of 150 lb-ft, set it to 40 lb-ft
- 2. Program the digital torque adapter for a torque value that matches the torque wrench setting. In our example, you would set the adapter for 40 lb-ft. E nsure the adapter is in the "peak" mode as this will make it easy to reference actual torque versus the torque indicated on the wrench.
- 3. Connect the pre-set torque wrench and the calibration adapter (not included) to the digital torque adapter. Secure the calibration adapter in a bench vise. Ensure the calibration adapter is securely tightened in the vise.
- 4.Turn the torque wrench smoothly and steadily, applying torque to the calibration adapter until your torque wrench reaches the preset value, either by "clicking" (micrometers tyle torque wrench), or displaying the desired setting(digital or dial torque wrench).
- 5. Read the peak torque value shown on the digital torque adapter. Adjust your torque wrench and repeat the procedure until the torque wrench and digital torque adapter show identical torque values.

