

*Eastwood*

DO THE JOB RIGHT.

Part #13626

# WIRELESS DIGITAL ELECTRONIC TORQUE ADAPTER INSTRUCTIONS



**IMPORTANT:** Please read these instructions thoroughly and carefully before operation. The instructions will provide you with important information regarding operation, warnings, and safety precautions.

Your **Eastwood Wireless Digital Electronic Torque Adapter** is a professional-quality tool designed for performing precision work on all vehicles with accuracy and quickness. With care, it will provide many years of reliable service. The magnetic-backed, remotely-located wireless display unit provides unparalleled flexibility, particularly in difficult-to-access conditions.

## FEATURES

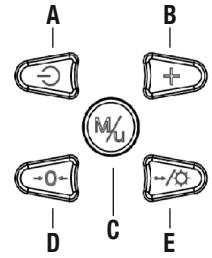
- Separate Compact Torque Adapter with magnetic backed Remote Wireless Control Head/ Control Panel.
- Use with a standard square drive 3/8" or 1/2" ratchet wrench and sockets with included square drive adapters.
- Large back-lit display shows both target torque and real time reading.
- Red LED light and beeper tone provide visual and audible indication of when target torque is reached.
- High accuracy within +/- 2%.
- Units of torque measure are selectable for maximum flexibility.
- Auto power off feature saves batteries.

## SPECIFICATIONS

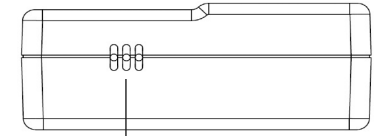
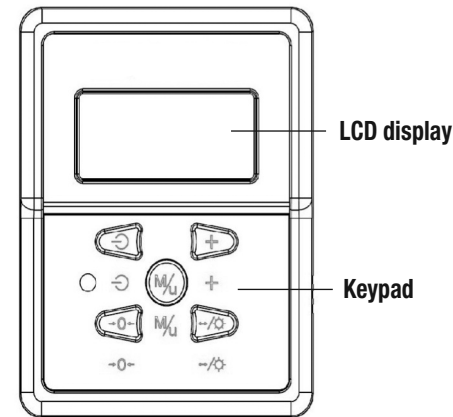
<b>Drive:</b>	1/2" female square drive (12.5 mm)
<b>Measuring Range:</b>	15-148 lb/ft [2-20 kg.m] / 177-1770 lb/in [20-200 N.m]
<b>Accuracy:</b>	±2% of reading @ 10% to 100% of full scale
<b>Display Resolution:</b>	1°
<b>Operating voltage:</b>	Torque Adapter Unit (transmitter) 3V (2 AAA batteries, supplied). Control Box/Display (receiver) (2 AAA batteries, supplied)
<b>Operating temperature:</b>	32°F - 104°F [0° - 40° C]
<b>Units of measurement:</b>	lb/ft, lb/in, kg.m, N.m
<b>Radio Frequency:</b>	2.4GHz – 2.472GHz
<b>Operating range:</b>	32' [10 meters]

## FUNCTION KEYS

- A:** Power ON / OFF button
- B:** Enter the setting mode / Increase the value to program pre-set torque.
- C:** Measure model select between "track" and "peak" mode. / Unit select.
- D:** Return display to zero.
- E:** Backlight function / under program status, press to move to next decimal digit.

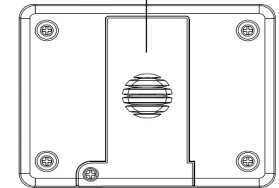


## CONTROL BOX (RECEIVER)



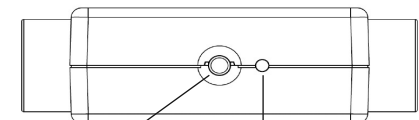
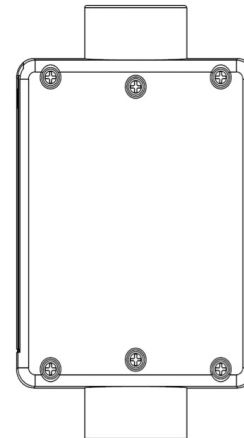
Buzzer indicator

Battery cover



Magnetic-backed for attaching to metal surfaces

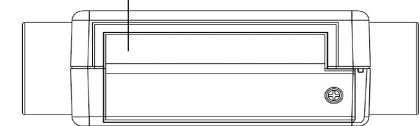
## TORQUE ADAPTER (TRANSMITTER)



ON / OFF button

LED indicator of signal transmission

Battery cover



## LCD DISPLAY

- A: Peak mode indicator
- B: Units
- C: Battery indicator
- D: Counter-clockwise indicator



## PREPARATION FOR USE

- Install 2 “AAA” batteries into each **Control Box (Receiver)** and **Torque Adapter (Transmitter)**.
- Turn the Torque Adapter/ (Transmitter) on first, and the **LED indicator** flashes 2 seconds.
- Press button to turn Control Box on, and the display shows “0000” on the screen.
- Press and hold button for 4 seconds for selecting units between lb/ft, lb/in, kg.m, N.m.
- Insert the male square drive adapter (1/2” or 3/8”, as required) to adapt the female square drive output to the selected socket.
- Place the ratchet (not included) or other square drive device into the 1/2” female square drive input.

### NOTE:

1. “Er 01” will be shown on the display if the communication between Torque Adapter (Transmitter) and Control Box (Receiver) is not established.

## BATTERY SAVING FEATURES

The Torque Adapter will turn off automatically with inactivity after 4 minutes.

## SETTINGS

1. Press button to enter the setting. The display shows “SET” on the screen. After 2 seconds, “0000” or the last programmed value will be shown on display, and the left first digit will start flashing, press button to zero the reading, or press the button to increase the value. When the desired value is selected, press to **select the next numeric place to the right**. Example: for a torque setting of **75 lb/ft**, the display should read 075.0.

**NOTE:** Even though the torque value can be set to 9999, do not exceed the rated maximum range.

2. Once the target torque is set, press the button to memorize and exit setting mode.

### NOTE:

1. “Erro” (for ERROR will show on the display when the pre-set torque value exceeds 100% of the maximum torque value. After 1 second, the display returns to torque Measurement Mode.
2. After pressing the “+” button to access the torque setting mode, without any activity after 6 seconds, the display will return to Measurement Mode.

## TRACK / PEAK MODE SETTING

1. “TRACK” is the default mode when the Torque Adapter is turned on.
2. Press and release button to shift into “PEAK” mode. “PEAK” appears on the left side of the display.
3. In “TRACK” mode: the display shows the reading in real time during the torquing process.
4. In “PEAK” mode: The maximum value reached during use will be saved and the value is shown steadily on the display for approx. one second. After that, the value changes to flashing and you can continue directly to the next application *or* press the button to zero the value, then continue to the next application.

## TURNING THE DISPLAY ILLUMINATION ON / OFF

1. The display illumination can be turned on prior to or after programming the torque.
2. In order to do this, press and release the button.

## OPERATING THE WIRELESS TORQUE ADAPTER

1. Always **PULL** slowly and steadily to gradually build torque. Avoid quick jerky movements.
2. When you approach the programmed torque value **the buzzer will begin to beep and the RED light will flash**.
3. When close to (within 2% of) the programmed value, **the frequency of the beep sound and the light flashes will increase**.
4. When the programmed torque has been achieved, the beeper will emit a **continuous tone and the RED light will steadily illuminate**.

**NOTE:** When the force is applied counter-clockwise, the display will show a minus (-) sign in the left side of screen.

### NOTE:

1. **NEVER USE THE TORQUE ADAPTER WHEN THE BATTERIES ARE LOW. THE ACCURACY OF READINGS WILL BE AFFECTED.**
2. The display will not show a reading until the applied force has exceeded 10% of full scale.
3. “- - - -” will be shown on the screen, when applied torque has exceeded 5% of the maximum of torque value. (See specifications).

## TORQUE ADAPTER USE AND CARE

- Do not exceed the permitted maximum torque value for this tool. Over torquing the unit can cause permanent damage.
- Be sure all accessories including adaptors, extensions, drivers and sockets are rated to match or exceed the torque being applied.
- Use the correct size socket for the fastener.
- Do not use sockets that are cracked or damaged.
- Do not use the Torque Adapter near corrosive gas or liquid.
- Keep away from strong magnetic fields.
- Never hold or operate the unit with wet or greasy hands.
- Never apply torque when the tool is turned off or permanent damage can occur.
- Check that the Torque Adapter capacity matches or exceeds each application before proceeding.
- Do not drop and avoid excessive bumps or shock to this tool.
- Verify calibration if dropped.
- If the tool is to be unused for an extended period of time, remove the batteries to prevent damage from leakage.

## FCC NOTE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

---

**If you have any questions about the use of this product, please contact**

The Eastwood Technical Assistance Service Department:

800.544.5118 >> email: [techelp@eastwood.com](mailto:techelp@eastwood.com)

The Eastwood Company 263 Shoemaker Road, Pottstown, PA 19464, USA

US and Canada: 800.345.1178 outside US: 610.718.8335

Fax: 610.323.6268 [eastwood.com](http://eastwood.com)