

- 2.3 : How to set "peak" and "Trace" modes.
- 1.Press and release "P/T" button when the digital ratchet power on.
 - 2.The L.C.D panel will show Ptop (Peak) or trACE (Trace).
 - 3.The L.C.D panel will revert to 0.0 after 2 seconds.
 - 4.Peak : display stays at highest torque setting reached.
 - 5.Trace : display follows torque setting being applied, then return to 0.0

2.4 : Memory.

➤ Memory Save:

A: Torque reading:

- 1: To store a torque reading, have the Digital Torque wrench in "Peak" mode. (Press P/T button please.)
- 2: When you use it, the wrench can store the reading automatically.
- 3: Each pre-set can save 10 sets of reading.

➤ Memory Recall:

A: Torque reading:

1. To display the stored reading. Press and release "M" button till Preset no. shows on the L.C.D required. (for example : M1, M2, M3.....M0).
2. Press and release "M" & "+" button together L.C.D will show "r01" then reading
(Note: top right of L.C.D will show "P/T")
3. Press "+" the memory no. will Up "r01", "r02"....."r10".
4. Press "-" the memory no. will Down "r10", "r09", "r07"...."r01"
5. "r01" is the oldest memory. "r10" is the last.
6. Press and release "M" & "+" button together back to Torque function.
(Note: top right of L.C.D will show "P")
7. Normal mode stores the last torque reading.

2.5 : Turning off.

- 1.If you do not use the wrench for 60 seconds the tool will turn off automatically.
- 2.To manually turn off the tool press the power button and hold for 3 seconds.

2.6 : Batteries install and replacement.

- 1.The tool is powered by 2pcs AAA battery.
- 2.Keep the end thread clean and dry for a good contact.
- 3.Open the battery cap. Remove the old battery.
- 4.Install 2pcs AAA battery.
- 5.Close the battery cap.
- 6.Always remove batteries if the tool is stored and not in constant use.

3.Important safeguards :



- Store in a clean, dry place.
- Use a soft, dry, clean cloth clean the Wrench and L.C.D panel.
- Basic safety precautions should be observed especially when using the wrench on or near children and disabled persons.
- Never submerge the wrench in water or any other liquid.
- Never clean the wrench with organic solvents.
- Use the wrench only for the intended use described in this manual.
- Do not exceed the permitted torque value for the wrench.
- Do not use the wrench if it is not working properly, or if it has suffered any damage.
- Do not disassemble the Wrench.
- Do not expose the wrench to extreme temperature, humidity direct sunlight or shock violently.
- Do not shake or shock.
- To ensure accurate measurement periodic recalibration is necessary.

Digital Torque Wrench



WARNING

Read this manual before using please.
Failure to do so can result in serious injury.
SAVE THIS MANUAL PLEASE



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1. Specifications:

Model No.:	CA130003-12	CA130003-38	CA130003-14
Drive	1/2"	3/8"	1/4"
Accuracy	2%	2%	3%
Unit	Kg-cm, Kg-m, lb-in, lb-ft, N-m		
Display resolution	0.1Nm	0.1Nm	0.1Nm
Range	16-80Nm (11.8 - 59.0 lb-ft)	12-60Nm (8.9 - 44.3 lb-ft)	6-30Nm (4.4 - 22.1lb-ft)
Preset	10		
Memory	100 (10memory for 1 preset)		
Gear Teeth	72	72	72
Length	268mm	228mm	212mm
Weight	780g	580g	440g
Backlight	Yes		
Battery	AAA x 2 PCS		
Battery Life	55 hrs		
Operation Ambient Temperature	-10°C-60°C (13.9°F-139.9°F)		
Storage Temperature	-10°C-60°C (13.9°F-139.9°F)		
Relative Humidity	15 – 90% noncondensing		
Auto shut off	60 seconds		

2. Instructions:

2.1 : How to select the unit measurement scale.

1. Press "M" and "P/T" buttons together please.
2. Release to select different torque measurement scales (Kg-cm , Kg-m , lb-in , lb-ft , N-m)
3. The unit value will automatically change when the measurement scale is Selected.

2.2 : Torque Reading Preset:

Pre-set recall:

1. Press "M" button, the L.C.D panel shows "M1" reading is the 1st pre-set reading, "M2" is the 2nd pre-set reading ... "M0" is 10th pre-set reading.
2. There are 10 sets of reading that can be stored.
3. If you need to Pre-set another reading, follow the next step please.

2.3 : How to select torque settings and use the torque wrench:

1. Press and hold the (+) button until the required torque reading is reached.
2. The target will show 0.0
3. Steadily apply torque to fastener.
4. The LED will flash and an intermittent warning buzzer will sound when you are 20% away from the target torque reading.
5. When full torque is reached the LED will stop flashing and a constant tone will be heard.