

### BLACKMAX<sup>®</sup> DIGITAL TORQUE WRENCH

Ideal for HVAC mini-split installations or where OEM-specified torque settings are critical, the BlackMax<sup>®</sup> digital torque wrench exceeds the capabilities of mechanical-only torque wrenches by offering a variety of user-friendly features in a lightweight, durable and ergonomic housing.

The BTLDTW stores 5 factory and 5 user-defined presets, and is able to simultaneously display stored vs. actual torque values. Large display numbers prevent misreading torque data, a common problem when using wrenches without digital displays. View "Peak" and "Track" torque data with audible (tone), visual (LED) and tactile (vibration) "torque alerts" to prevent over-tightening by providing advance warning when approaching or exceeding predefined torque settings.

### KEY FEATURES

- Ensures OEM torque setting compliance
- Ideal for HVAC mini-split installations
- **Jaw opening:** 3/16" to 1-3/8" (5 to 35mm)
- **Torque settings:** Lbf.ft, Lbf.in, N-m, Kgf.m
- **Pre-set and actual torque values:-** View both same time
- **LED Torque Alerts:** Green= within 50-98%, Red= within 2%
- **Memory Presets:** 5 common, 5 open for custom torque values
- **Track mode -** View real-time torque value reached during use
- **Peak mode -** Maximum torque value reached is stored temporarily
- **Auto-Off (Selectable):** Conserves battery life
- **Display light key**



BTLDTW

## FEATURES

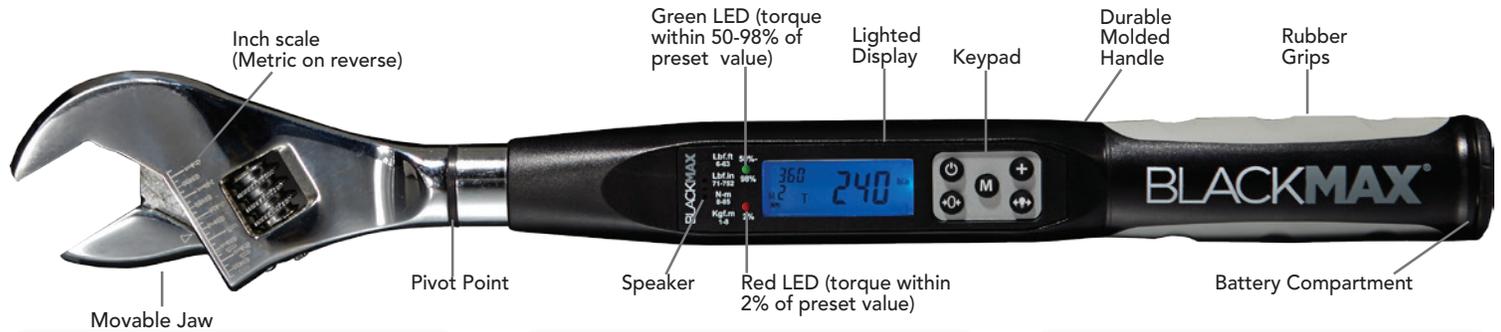


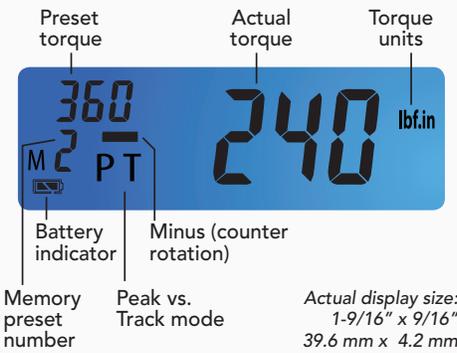
Chart inside Case Lid

Memory Presets	Nut Size	Tube Size
<b>1</b>	Lbf.ft 14	5/8", 1/4"
	Lbf.in 168	11/16", 5/16"
	N-m 18	17mm 1/4"
	Kgf.m 1.8	
<b>2</b>	Lbf.ft 30	13/16" 3/8"
	Lbf.in 360	
	N-m 42	22mm 3/8"
	Kgf.m 4.2	
<b>3</b>	Lbf.ft 40	15/16" 1/2"
	Lbf.in 480	
	N-m 54	24mm 1/2"
	Kgf.m 5.5	
<b>4</b>	Lbf.ft 48	1-1/16" 5/8"
	Lbf.in 576	
	N-m 55	26mm 1/2"
	Kgf.m 5.6	
<b>5</b>	Lbf.ft 59	1-5/16" 3/4"
	Lbf.in 708	
	N-m 65	27mm, 29mm 5/8"
	Kgf.m 6.6	

MEMORY#

Positions 6-10 available for user-defined torque values

### DISPLAY (Enlarged, Light On)



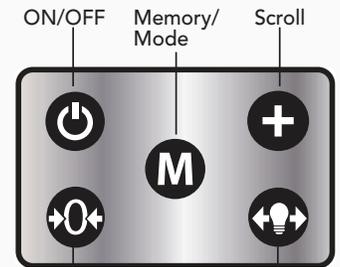
Memory preset number Peak vs. Track mode Actual display size: 1-9/16" x 9/16" 39.6 mm x 4.2 mm

### BATTERY COMPARTMENT



Powered by 2AAA batteries (Included)

### KEYPAD (Enlarged)



Reset- zero out torque values Next entry and display light

### REVERSE SIDE



Metric scale

Torque Units (Selectable)	N-m	Kgf.m	Lbf.ft	Lbf.in
Torque Measurement Range	8-85	1-8	6-63	71-752
Display Resolution	0.1 N-m	0.1 Kgf.m	0.1 Lbf.ft	1.0 Lbf.in
Accuracy	± 2% clockwise and counter-clockwise of reading, 10% to 100% of full scale			
Jaw Opening	3/16" – 1-3/8" (5 - 35 mm)			
Operating Voltage	3V (2 x AAA batteries, supplied)			
Operating Temperature	32°F~104°F (0°C ~ 40°C)			
Storage Temperature	-4°F ~113°F (-20°C ~ 45°C)			
Wrench (+ Case) Weight	2.79 lbs (1.27 kg)			
Wrench Length	15.25" (0.387 m)			
Green LED Flashes	Within 50% to 98% of programmed torque (in Peak or Track mode)			
Intermittent Tone	Within +5N-m of programmed torque value			
Red LED On	Within 2% of programmed torque value			
Faster Tone	Within +- 2 N-m of programmed torque value			
Continuous Tone + Constant Green LED & Handle Vibrates	When >2% over programmed torque value			
Display Constant On:	Battery life = approx. 120 hours			
Display & Backlight Constant On:	Battery life = approx. 96 hours			
Replacement Battery Cap	BTLDTWCX			



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