

BLACKMAX[®] DIGITAL TORQUE WRENCH

Ideal for HVAC mini-split installations or where OEM-specified torque settings are critical, the BlackMax[®] 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

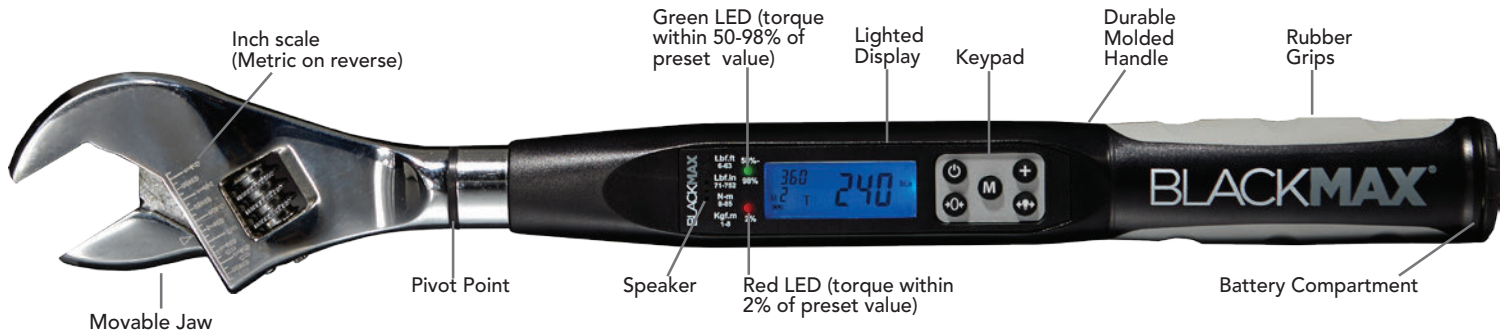
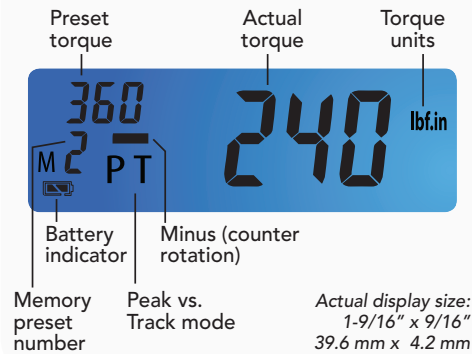


Chart inside Case Lid

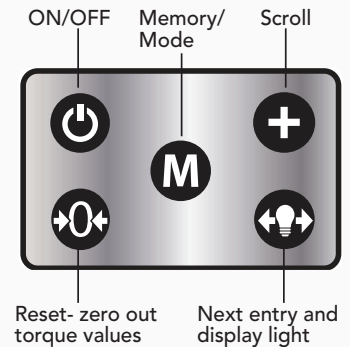
MEMORY#	Memory Presets		Nut Size	Tube Size
1	Lbf.ft	14	5/8"	1/4"
	Lbf.in	168	11/16"	5/16"
	N-m	18		
	Kgf.m	1.8	17mm	1/4"
2	Lbf.ft	30	13/16"	3/8"
	Lbf.in	360		
	N-m	42	22mm	3/8"
	Kgf.m	4.2		
3	Lbf.ft	40	15/16"	1/2"
	Lbf.in	480		
	N-m	54	24mm	1/2"
	Kgf.m	5.5		
4	Lbf.ft	48	1-1/16"	5/8"
	Lbf.in	576		
	N-m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

Positions 6-10 available for user-defined torque values

DISPLAY (Enlarged, Light On)



KEYPAD (Enlarged)



BATTERY COMPARTMENT



Powered by 2AAA batteries (Included)

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			