

QUICK REFERENCE GUIDE



PROTRONIC®

CE
UK
CA



FULL OPERATOR'S MANUAL LINKS

Read the full manual in the links below completely before using ProTronic®.



For the most up-to-date version of the Operators Manual please visit



Pour obtenir la version la plus récente du manuel technique, veuillez vous rendre sur



Besuchen Sie die Webseite, um die aktuellste Version der Bedienungsanleitung zu erhalten.



Per la versione più aggiornata del manuale di istruzioni, visitare il sito



Para la mayoría de las versiones más actuales del manual de funcionamiento, visite



TORQAPP™

TorqApp™ is a free, mobile application that connects to ProTronic® Plus, allowing the user to intuitively change tool settings and download results.







IMPORTANT SAFETY INSTRUCTIONS



WARNING: RISK OF FLYING PARTICLES.

OVER-TORQUING CAN CAUSE BREAKAGE. AN OUT OF CALIBRATION ANGLE TOOL CAN CAUSE PART OR TOOL BREAKAGE. BROKEN HAND TOOLS, SOCKETS OR ACCESSORIES CAN CAUSE INJURY. EXCESS FORCE CAN CAUSE CROWFOOT OR FLARE NUT TOOL SLIPPAGE.

- Read **the manual completely** before using ProTronic®. 
- To ensure accuracy, work must not move in angle mode.
- For personal safety, and to avoid tool damage, follow good professional tool and fastener installation practices.
- Periodic recalibration is necessary to maintain accuracy.
- **Wear safety goggles, user and bystanders.** 
- Be sure all components, including all adaptors, extensions, drivers and sockets are rated to match or exceed torque being applied.
- Observe all equipment, system and manufacturer's warnings, cautions and procedures when using this tool.
- Use correct size socket for fastener.
- Do not use sockets showing wear or cracks.
- Replace fasteners with rounded corners.
- **To avoid damaging tool:** Never use tool with power off. Always turn ON tool so applied torque is being measured.
- Do not press **POWER**  while torque is applied or while tool is in motion. 
- Never use this tool to break fasteners loose.
- Do not use extensions, such as a pipe, on handle of tool.
- Check that tool capacity matches or exceeds each application before proceeding.
- When using negative offsets, verify maximum targets are not exceeded.
- Verify calibration if dropped.
- Make sure ratchet direction lever is fully engaged in correct position.
- Verify calibration of tool if you know or suspect its capacity has been exceeded.
- Always adjust your stance to prevent a possible fall should something give while using tool.
- Do not attempt to recharge alkaline or lithium cells.
- Store tool in dry place.
- Remove batteries when storing tool for periods longer than 3 months.



WARNING: ELECTRICAL SHOCK HAZARD.

ELECTRICAL SHOCK CAN CAUSE INJURY. METAL HANDLE IS NOT ISOLATED.



DO NOT USE ON LIVE ELECTRICAL CIRCUITS.

IMPORTANT: SAVE THESE INSTRUCTIONS

Disclaimer:

Operation of ProTronic® tools is not warranted in an EU member state if operating instructions are not in that state's language.

USB BLUETOOTH® SMART ADAPTER

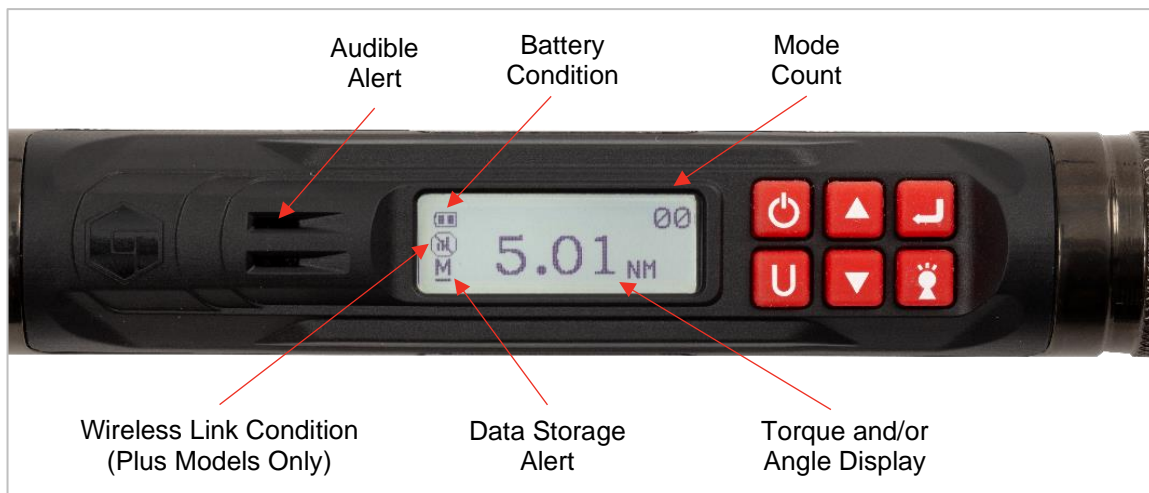
Bluetooth® smart adaptor provided for future PC connectivity (applicable to Plus tools only.)
Keep this adaptor safe.



BUTTON FUNCTIONS

Button	Function	Button	Function
	On/Off and Re-Zero		Decrease Value
	Units – Hold for 3 seconds to add/edit pre-sets		Mode Select, Hold for 3 seconds for Menu and Enter
	Increase Value		LCD Backlight and Peak Torque/Angle Recall

BASIC FUNCTIONS



PROGRESS LIGHTS

Yellow: First light indicates 40% of target torque or angle reached, Second indicates 60% of target reached, Third indicates 80% of target reached.


Green: Indicates target torque or angle reached.

Red: Indicates exceeded torque or angle target +4% for targets above 20% to 100% of full-scale, or target +10% for targets from 5% to 20% of full-scale, or exceeded MAXIMUM pre-set target (Note: Yellow lights also turn on with red).



BATTERY REPLACEMENT

MODEL	
Standard	
Plus	
Plus 10 & 30	 <p data-bbox="638 689 1204 723">NOTE: Anti-Clockwise thread on battery cap</p>
Plus Screwdriver	

POWER ON SEQUENCE

NOTE: Do not turn on tool while torque is applied, otherwise torque zero offset will be incorrect and tool will indicate a torque reading when torque is released. If this occurs, re-zero tool by momentarily pressing POWER  button while tool is vertical on a stable surface with no torque applied.

Turn on Tool

1. Hold tool in a vertical position, momentarily press **POWER ** button. Norbar logo is displayed followed by torque re-zeroing screen. If previous measurement was angle measurement, then angle re-zeroing screen follows the torque zeroing screen. After re-zeroing, the target torque or target angle screen is displayed depending on previous measurement mode.
2. Select Measurement Mode
Toggle between target TORQUE and ANGLE screens by repeatedly pressing **ENTER ** button.

NOTE: If tool is powered up in torque only measurement mode, angle is not zeroed until mode is changed to angle measurement mode, at which time torque and angle zeroing begins automatically after 2 seconds. Tool should be placed on a stable surface with no torque applied.

NOTE: Pressing ENTER  button while angle is zeroing will abort zeroing function to allow user to select another measurement mode.

DECLARATION OF CONFORMANCE

EU Declaration of Conformity (No 0036V0)

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration:

ProTronic® Plus. (Models: 130512, 130513, 130514, 130515, 130516, 130522 & 130523)
Serial Number – All.

The object of the declaration described above is in conformity with the relevant union harmonisation legislation:

Directive 2014/30/EU on Electromagnetic Compatibility.

Directive 2014/53/EU on Radio Equipment.

Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

The object of the declaration described above has been designed to comply with the following standards:

EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use. EMC requirements.

ETSI EN 301 489-1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility

The basis on which conformity is being declared:

The technical documentation required to demonstrate that the products meet the requirements of the above Directives has been compiled by the signatory below and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2021.

The authorised representative within the European Union (EU) is:

Francesco Frezza Snap-on Equipment S.r.l. Via Prov. Carpi, 33 42015 Correggio RE Italy

Signed for and on behalf of Norbar Torque Tools Ltd.

Signed:



Date: 20 April 2021

Full Name:

Trevor Mark Lester B.Eng.

Authority:

Compliance Engineer

Place:

Norbar Torque Tools Ltd., Wildmere Road, Banbury, Oxfordshire. OX16 3JU

UK Declaration of Conformity (No 0036V0)

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration:

ProTronic® Plus. (Models: 130512, 130513, 130514, 130515, 130516, 130522 & 130523).
Serial Number – All.

The object of the declaration described above is in conformity with the relevant UK statutory requirements:

Electromagnetic Compatibility Regulations 2016

Radio Equipment Regulations 2017

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

The object of the declaration described above has been designed to comply with the following standards:

BS EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use. EMC requirements.

ETSI EN 301 489-1 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard for ElectroMagnetic Compatibility

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Full Name:

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Place:

Norbar Torque Tools Ltd., Wildmere Road, Banbury, Oxfordshire. OX16 3JU

DECLARATION OF CONFORMANCE

EU Declaration of Conformity (No 0037V0)

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The object of the declaration:

ProTronic® Plus Screwdriver. (Model: 130524).
Serial Number – All.

The object of the declaration described above is in conformity with the relevant union harmonisation legislation:

Directive 2014/30/EU on Electromagnetic Compatibility.
Directive 2014/53/EU on Radio Equipment.
Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS).

The object of the declaration described above has been designed to comply with the following standards:

EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use. EMC requirements.
EN 300 328 V1.9.1 Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques;

The basis on which conformity is being declared:

The technical documentation required to demonstrate that the products meet the requirements of the above Directives has been compiled by the signatory below and is available for inspection by the relevant enforcement authorities.

The CE mark was first applied in: 2021.

The authorised representative within the European Union (EU) is:

Francesco Frezza Snap-on Equipment S.r.l. Via Prov. Carpi, 33 42015 Correggio RE Italy

Signed for and on behalf of Norbar Torque Tools Ltd.


Signed: Trevor Mark Lester B.Eng.
Date: 20 April 2021
Place: Norbar Torque Tools Ltd., Wildmere Road, Banbury, Oxfordshire. OX16 3JU
Authority: Compliance Engineer

UK Declaration of Conformity (No 0037V0)

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The object of the declaration:

ProTronic® Plus Screwdriver. (Model: 130524).
Serial Number – All.

The object of the declaration described above is in conformity with the relevant UK statutory requirements:

Electromagnetic Compatibility Regulations 2016
Radio Equipment Regulations 2017
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

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