



TL-VP1T-PIM

Edition 1

June 2021

Cordless Screwdriver and Nutrunner

QX Series

Product Information

EN Product Information	CS Specifikace výrobku
ES Especificaciones del producto	ET Toote spetsifikatsioon
FR Spécifications du produit	HU A termék jellemzői
IT Specifiche prodotto	LT Gaminio techniniai duomenys
DE Technische Produktdaten	LV Ierīces specifikācijas
NL Productspecificaties	PL Informacje o produkcie
DA Produktspecifikationer	BG Информация за продукта
SV Produktspecifikationer	RO Informații privind produsul
NO Produktspesifikasjoner	RU Технические характеристики изделия
FI Tuote-erittely	ZH 产品信息
PT Especificações do Produto	JA 製品仕様
EL Προδιαγραφές προϊόντος	KO 제품 상세
SL Specifikacije izdelka	HR Podaci o proizvodu
SK Špecifikácie produktu	

DRAFT



Save These Instructions

IR Ingersoll Rand®

Product Safety Information

Intended Use:

These Cordless Tools are designed for assembly applications requiring precise torque control, accuracy, consistency and repeatability and are recommended for tightening requirements.



WARNING

⚠ WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow the warnings and instructions may result in electric shock, fire and / or serious injury. Save all warnings and instructions for future reference.

- **Do not puncture or burn batteries.** Improper disposal may cause personal injury.
- **Use only with Ingersoll Rand IC Process Communication Module (IC-PCM) when used in radio mode.**
- **Use of any other batteries may cause property damage.**

For additional information, refer to **Cordless Screwdriver and Nutrunner Safety Manual Form 47114541**, **Battery Charger Safety Information Manual Form 10567832**, **Battery Safety Information Manual Form 10567840** and **IC-PCM Safety Information Manual Form 24074205**.

Manual can be downloaded from ingersollrand.com

Product Specifications

QX Model Identification

Model Identification

Example:

	Q	X	X	D	2	P	T	0	1	2	P	Q	0	4	
Series															Output Size
Q															00 = none
															04 = 1/4"
Family															06 = 3/8"
X															08 = 1/2"
Communication															Output Style
B = Bluetooth															M = Multiplied
F = none															Q = Quick Connect
X = Zigbee & Bluetooth															S = Square
User Interface															Version
D = Display															E = ETS*
N = No display															H = C1D2** & ETS*
Motor/Power															P = Standard
2 = 20V															V = C1D2**
5 = 40V															Max. Torque (Nm)
Body Style															004 005 020
A = Angle															008 010 030
P = Pistol															012 015 035
Activation															024 027 040
T = Trigger															018 080

*ETS = Ergonomic Tightening System

** = Class I, Division 2, Groups A-D (sold in USA and Canada only)

Tool Model														
Family	Communication	Interface	Power	Body	Activation	Torque (Nm)	Variant	Output Type	Output Size	Voltage V, DC	Battery Model	Sound Pressure Level dB(A)	Vibration Level, *K (EN62851) m/s ²	
QX	X B F	D N	2	P	T	004	P	S Q	04 06 08	20	BL2005 BL2010 BL2012 BL2022	>70.0	2.5	
							V							
						008	P							7.3
							V							
							E							
							H							
						012	P					2.5	5.9	
							V							
							E							
							H							
						018	P					73.5	2.5	
							V					>70.0	12.9	
							E							
							H							
						024	E					>70.0	9.6	
							H							
			5	A		005	P	S	06 08	40	BL4011	73.5	2.5	
							V							
						010	P					73.5	2.5	
							V							
						027	P					>70.0	6.9	
							V							
							E							
							H							
						020	P					71.0	2.5	
							V							
						030	P					71.0	2.5	
							V							
						040	P					71.5	9.9	
							V							
							E							
							H							
						080	P					71.0	2.5	
							V							
							E							
							H							

*K = Vibration measurement uncertainty 3dB(A).

- It is recommended that the tool be used in ambient temperatures (Ta) between 0°C and 45°C. However, the higher the ambient temperature, the lower the duty cycle the tool will be capable to support.



Conforms to UL STD. 62841-1 and 62841-2-2. Conforms to ANSI STD. 12.12.01-2012, Class I, Division 2, Groups A-D, T3A.

Certified to CSA STD. C22.2 No. 62841-1 and 62841-2-2. Certified to CSA STD. C22.2 No 213.

Declaration of Noise and Vibration Emission

The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one tool to another. It may be used for a vibration emission level representing the main applications of the tool. However, if the tool is used for a different application, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period. An estimation of the level of exposure to vibration should also take into account the time when the tool is switched off or when it is running free speed.

Installation

Cable Connection:

A standard USB cable (USB to Mini Type B) can be used to connect to a computer loaded with ICS software. Maximum cable length 2 meters.

Auxiliary Handle Mounting:

Mount Auxiliary Handle on Gear Case with Plastic Handle positioned in the groove. Hand tighten.

Hanger Connection:

For Pistol Tool, insert ends of hanger accessory at top of housing. For Angle Tool, hang using molded feature at rear of housing.

Adjustments



WARNING

Disconnect the tool from the battery before making any adjustments or changing accessories. Such preventive safety measures reduce the risk of starting the tool accidentally.

Storage

Disconnect the battery from the tool when not in use.

Parts and Maintenance

Tool service is recommended every year or 250,000 cycles, whichever comes first. Tool repair and maintenance should only be carried out by authorized, trained personnel. When service or repair is required, contact an **Ingersoll Rand** office or distributor.

NOTICE

For Authorized Trained Personnel:

For 'Assembly/Disassembly' and other maintenance instructions regarding these products, see Maintenance Information Form 47104302, located at **ingersollrand.com** or contact the nearest **Ingersoll Rand** office or distributor.

Environmental Protection

When the life of an **Ingersoll Rand** electrical product has expired, it must be recycled in accordance with all applicable standards and regulations (local, state, country, federal, etc.). Improper disposal may endanger the environment.

Symbol Identification



Return waste material for recycling.



Do not dispose of this product with household waste material.



Li-Ion

Product contains Lithium-Ion. Do not dispose of this product with household waste material.

Original instructions are in English. Other languages are a translation of the original instructions.

Safety Information - Explanation of Safety Signal Words



DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or property damage.

NOTICE

Indicates information or a company policy that relates directly or indirectly to the safety of personnel or protection of property.

RADIO FREQUENCY (RF) EQUIPMENT DECLARATION OF CONFORMITY

The declarations provided below pertain to the RF devices contained in the **Ingersoll Rand** product.

EN

This device complies with Part 15 of the FCC Rules and complies with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). 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.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Ingersoll Rand Industrial Technologies

800-D Beaty Street, Davidson, NC 28036

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ES

Este dispositivo cumple con el Apartado 15 de las normas de la FCC y cumple con las RSS de exención de licencia de Canadá para el Desarrollo Económico, de Innovación y Científico. El funcionamiento se encuentra sujeto a las dos condiciones siguientes: (1) este dispositivo no puede causar interferencias perjudiciales y (2) este dispositivo debe permitir la recepción de cualquier interferencia, incluidas aquellas que puedan causar un funcionamiento no deseado.

Aviso: las modificaciones o los cambios realizados en esta unidad no aprobados de forma expresa por la parte responsable de la conformidad podrían anular el derecho del usuario de utilizar el equipo.

Nota: se ha comprobado que este equipo cumple los límites para dispositivos digitales de clase A, de conformidad con el apartado 15 de las normas de la FCC. Estos límites se han establecido para proporcionar protección razonable contra interferencias perjudiciales al hacer funcionar el equipo en un entorno comercial. Este equipo genera, utiliza y puede irradiar energía de radiofrecuencia y, si no se instala y se utiliza de acuerdo con el manual de instrucciones, podría ocasionar interferencias perjudiciales para las comunicaciones por radio. La utilización de este equipo en áreas residenciales puede causar interferencias perjudiciales, en cuyo caso el usuario deberá asumir los gastos asociados a la corrección de dichas interferencias.

FR

Cet appareil est conforme à la partie 15 des règles de la FCC et aux RSS exemptes de licence d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes : (1) cet équipement ne doit pas générer d'interférences dangereuses et (2) cet équipement doit accepter toute interférence reçue, y compris les interférences susceptibles d'entraîner un fonctionnement non souhaité.

Avertissement : Les modifications apportées à cet appareil qui ne sont pas expressément approuvées par la partie responsable de la conformité peuvent annuler le droit de l'utilisateur à se servir de cet équipement.

Remarque : Cet équipement a été testé et certifié conforme aux limites applicables à un appareil numérique de classe A, conformément à la partie 15 de la réglementation FCC. Ces limites sont conçues pour assurer une protection raisonnable contre les interférences dangereuses lorsque l'équipement est utilisé dans un environnement commercial. Cet équipement génère, utilise et peut émettre des radiofréquences et, s'il n'est pas installé et utilisé conformément

au manuel d'instructions, est susceptible d'émettre des interférences dangereuses pour les communications radio. Le fonctionnement de cet équipement dans une zone résidentielle peut provoquer des interférences dangereuses, auquel cas il sera demandé à l'utilisateur de corriger le problème à ses frais.

EN

ISED Canada User Manual Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

FR

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

PT



Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

ES



La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

KO

무선사양: (Wireless specification)



사용주파수(Used frequency): 2405MHz ~ 2480MHz

채널수(the number of channels): 15 개 (15)

공중선전력(전계강도)(Antenna Power): 10mW/MHz 이하 (Under 10 mW/MHz)

변조 방식(type of the modulation): QPSK

해당 무선설비는 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

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미국 내 조립: Assembled in USA

DOC-2

KCC-RMM-IR1-QXX
MSIP-RMM-IR1-QXX5A

TL-VP1T-PIM_ed1

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