Wireless Bit Tray Overview

Overview

The wireless bit tray system enables all of the benefits of a traditional bit tray, without the cords that limit its mobility. A digital input and output module (DIO) is connected to the controller's 24V accessory terminals, maintaining wireless communication to the bit tray.

The bit tray uses a rechargeable 3.1Ahr li Ion battery, with a USB-C charge port, operating for multiple shifts on a single charge. LEDs are used to indicate not only the commanded bit (socket select mode), but also the status of each bit presence sensor, eliminating any issues if debris blocks the bit from fully seating.

Accessory kits are included to enable an easy installation to standard controllers.

What’s in the box?

Note:
The pre-wired harness that comes in the box is wired for the Ingersoll Rand IC-PCM or ICD/M controllers.

Options for integration with INSIGHTqc/x and/or competitive controllers are available upon request.

LED Indicators - DIO

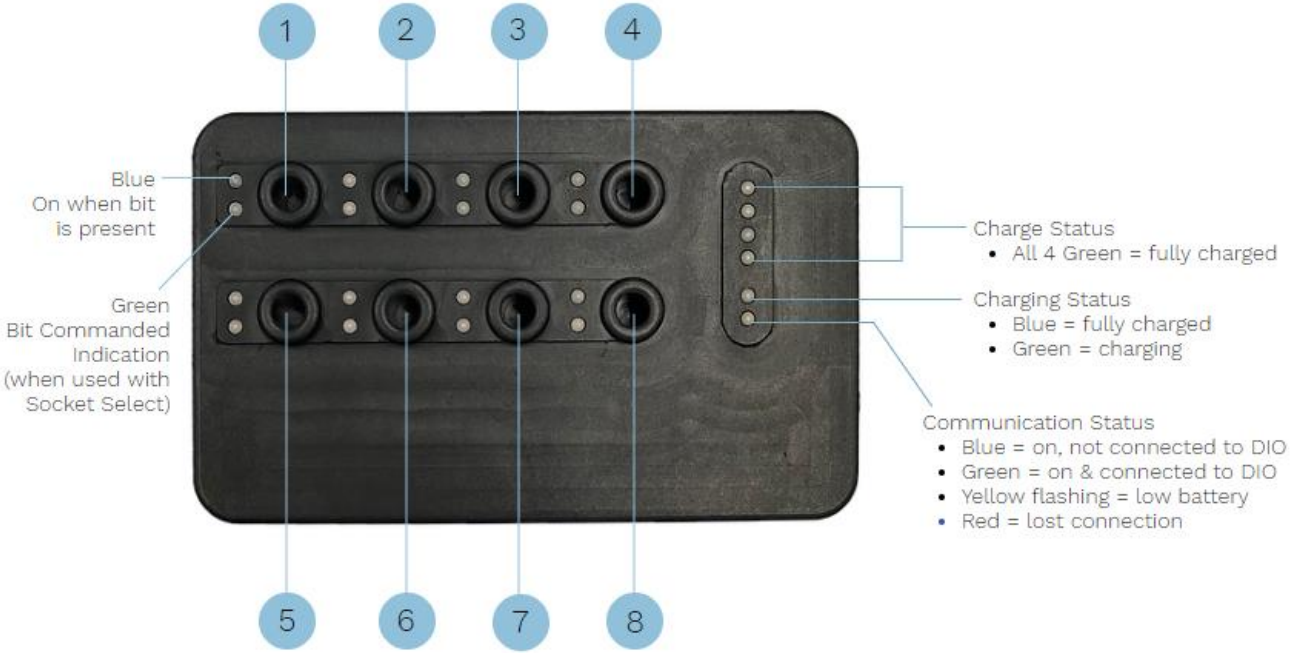
Communication Status
- Blue = on & not connected to bit tray
- Green = on & connected to bit tray
- Red = Lost connection with bit tray

Power Indication - Red when on

Upper row of 8 - Green
- Triggered by the outputs of the controller
- #1 is the left. #8 is far right.

Lower row of 8 - Blue
- Bit Presence indicator
- Will be blue if a bit is sensed.

LED Indicators – Bit Tray



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LED Indicators – System

Communication LEDs should always match each other.

Bit commanded and present indicators should always match each other. If the torque tool has an error code, these indicators make it easy to understand if the issue is with the controller, or with the bit tray system.

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How to Charge

Any USB charger can be used with the supplied cable to charge the bit tray.
The Ingersoll Rand QX battery charger is equipped with a USB output that can be used to charge the bit tray

USB-C to bit tray can be installed in either orientation