



# DEX Wireless Adapter

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Model DEX-BLE-10

## Quick Start Guide

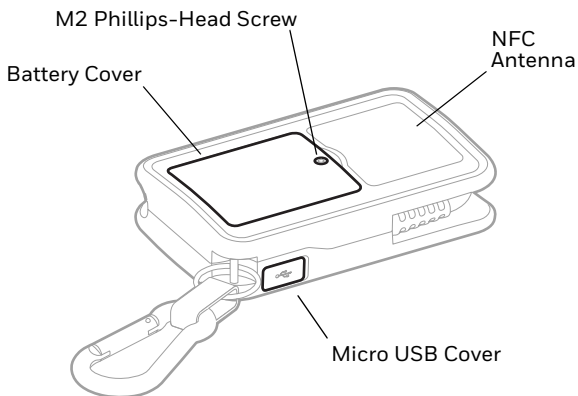
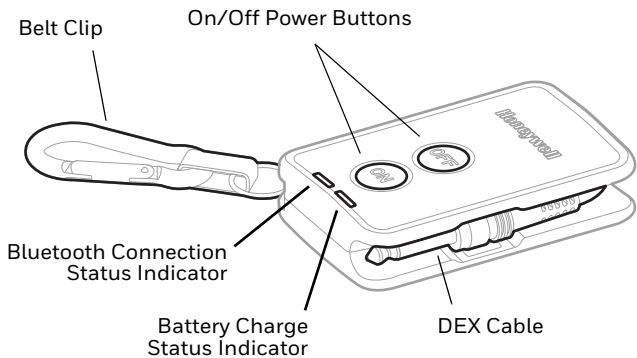
## Out of the Box

Make sure that your shipping box contains these items:

- DEX wireless adapter  
(Model DEX-BLE-10)
- Rechargeable 3.7 VDC Li-ion battery  
(Model HNP-40/Part Number DEX-10-BATTERY)
- USB charge cable, type A to micro B
- Power adapter with regional plug
- Product documentation

If any of these items are missing or appear damaged, contact your Customer Account Representative. Keep the original packaging in the event that you need to return the DEX wireless adapter for service or if you want to store it while not in use.

## Adapter Features



## About the Battery

The DEX-BLE-10 ships with an installed Li-ion 3.7 VDC, 750 mAh battery manufactured for Honeywell International Inc. The operating temperature is -20°C (-4 °F) to 60°C (140 °F).



**Use only Honeywell Li-ion battery pack model HNP-40 (PN DEX-10-BATTERY).**

**Utilisez uniquement des batteries Honeywell Li-ion modèle HNP-40 (PN DEX-10-BATTERY).**



**Ensure all components are dry prior to placing the battery in the DEX-BLE-10. Mating wet components may cause damage not covered by the warranty.**

**Assurez-vous que tous les composants sont secs avant d'insérer la batterie dans l'DEX-BLE-10. L'insertion de composants humides risque de provoquer des dommages non couverts par la garantie.**

## Charge the Battery

The DEX-BLE-10 ships with a partially charged battery. Charge the battery before initial use. See [Battery Status](#) on page 12.



**We recommend the use of Honeywell accessories and power adapters. Use of any non-Honeywell accessories or power adapters may cause damage not covered by the warranty.**

**Nous recommandons d'utiliser des accessoires et des adaptateurs secteur de marque Honeywell. L'utilisation de tout accessoire ou adaptateur secteur d'une autre marque est susceptible de provoquer des dommages non couverts par la garantie.**

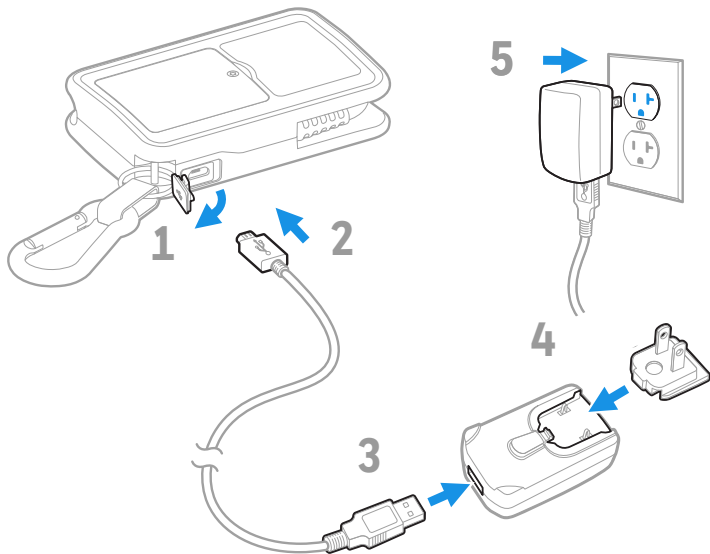
## USB Charge Cable

The USB cable provides two options for charging the DEX-BLE-10.

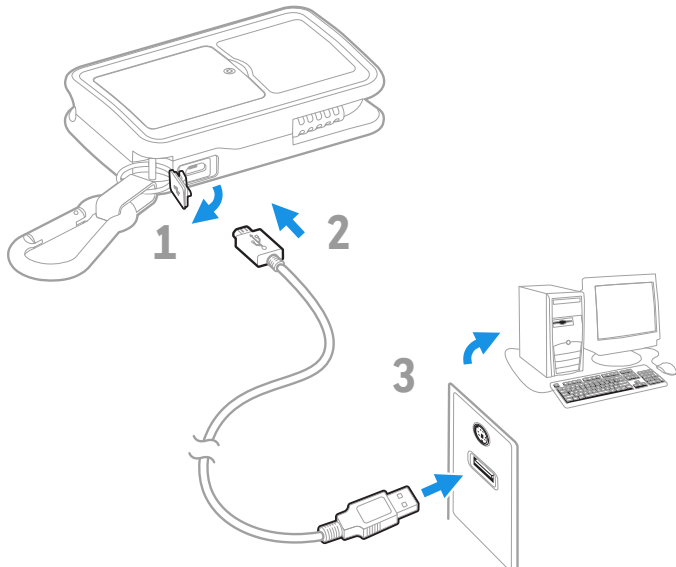
**Note:** *The micro USB connector on the DEX-BLE-10 only supports charging the battery and cannot be used for data transfer.*

### Option 1: Charging From a Power Outlet

Use only a UL Listed power supply that has been qualified by Honeywell with an output rated at 5VDC and 2A with the device.



## Option 2: Charging From a USB Port on a Host Device



**Ensure all components are dry prior to mating the DEX-BLE-10 and battery with peripheral devices. Mating wet components may cause damage not covered by the warranty.**

**Assurez-vous que tous les composants sont secs avant de connecter le DEX-BLE-10 et la batterie à les périphériques. L'insertion de composants humides risque de provoquer des dommages non couverts par la garantie.**

## Turn Power On/Off

To turn the DEX-BLE-10 on, press the “ON” button.

**Note:** *Blue and green LEDs indicate device status at power-up. To learn more, see [Bluetooth Communication Status](#) (page 11) and [Battery Status](#) (page 12).*

To turn the DEX-BLE-10 off, press the “OFF” button.

**Note:** *The DEX-BLE-10 automatically powers Off after 5-minutes of inactivity.*

## About Software and Licenses

Honeywell offers the *DEX Toolkit Package* for application development needed to utilize the DEX-BLE-10 Bluetooth wireless adapter.

The DEX Toolkit Package includes:

- The BLE-DEX SDK for developing Android applications that use Bluetooth Low Energy wireless communication. This SDK is available as a stand alone or as part of the *DEX Toolkit Package SDK* and does not require a license to use.
- The DEX Toolkit SDK for application development that provides the ability to modify how data is communicated over the DEX protocol. A license is required to use this software development kit.

Developers can test applications using the *DEX Store Front Tool* that simulates connecting to retailer store applications. A license is required to use this software tool.

## Purchase Licenses

To purchase software licenses contact your local Honeywell Sales representative and provide a name and e-mail address for license management. Once the order is processed, the contact provided receives an e-mail with instructions on how to use the *Honeywell License Manager* to receive and deploy licenses.

DEX software and the *Honeywell License Manager* are available for download from the *Technical Support Downloads Portal*.

## Download Software

To download software from the *Honeywell Technical Support Downloads Portal*:

1. Go <https://hsmftp.honeywell.com>.
2. Create an account if you have not already created one. You must log in to download the software.
3. Install the *Honeywell Download Manager* tool on your workstation (e.g., laptop or desktop computer) prior to trying to download any files.
4. Locate the software you want to download in the Software directory tree.
  - SDKs can be found under **Software and Tools > Developer Library**
  - DEX Store Front Tool can be found under **Software and Tools > DEX**.
5. Select **Download**. Follow the prompts to download the file.

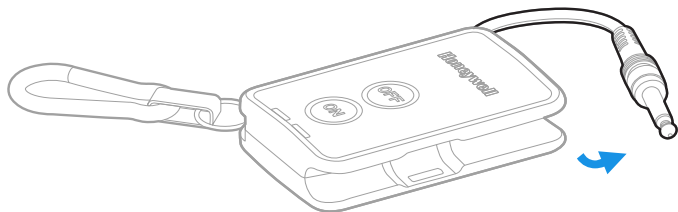
**Note:** *When downloading the DEX Toolkit Package, you must select the August 2020 version or later.*



## Connect the DEX-BLE-10

The DEX adapter easily connects to direct store delivery (DSD) DEX/UCS store systems and Vending Machines.

1. Turn ON the DEX-BLE-10.
2. Pull the connector out of the molded side cavity of the adapter.
3. Insert the connector into the receiving system.



## Pair the Adapter with a Mobile Computer

The DEX-BLE-10 is compatible with Honeywell devices (e.g., mobile computers and tablets) that meet the minimum system requirements listed below:

- Powered by Android 7.1 or higher
- Support Near Field Communication (NFC)
- Support Communication via Bluetooth® Wireless Technology

### Method 1: Use NFC for Pairing

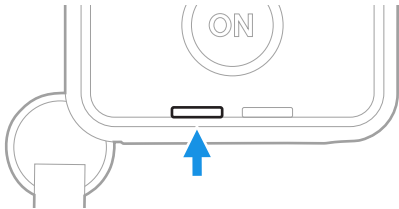
1. Verify the device and Bluetooth wireless radio are turned on and the NFC feature is enabled. Make sure the device is unlocked if you have security implemented on the device.
2. Turn ON the DEX-BLE-10.
3. Place the back of the DEX-BLE-10 close to the NFC antenna of the other device. NFC antennas are typically located on the back of a device. The other device initiates the pairing process with the DEX-BLE-10.
4. Follow the on-screen prompts to establish a connection and transfer data.

### Method 2: Scan the Pairing Code

Scan the pairing code on the back of the DEX-BLE-10 using the Honeywell device. See [Label Locations](#) on page 14.

## Bluetooth Communication Status

The blue LED indicates the communication between the DEX-BLE-10 and another device using Bluetooth™ technology.

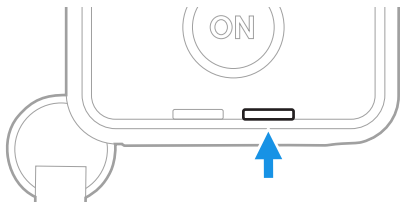


Blue LED Status	Bluetooth Communication Status
Solid, On	Not paired, but discoverable to other devices.
Fast Flashes	Attempting connection with other device.
Slow Flashes	Connection established with other device.
Off	No LED illumination indicates one or more of the following: <ul style="list-style-type: none"><li>• Adapter is turned off.*</li><li>• Battery charge is critically low.</li><li>• No internal or external power source.</li></ul>
* Adapter automatically turns Off if inactive for longer than 5-minutes.	

## Battery Status

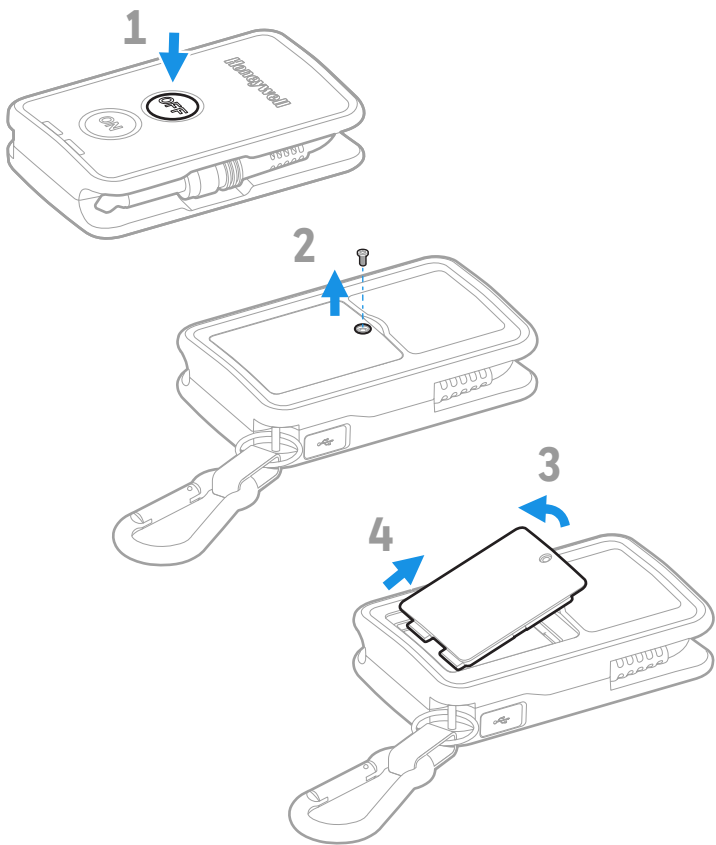
The green LED indicates the status of the battery charge.

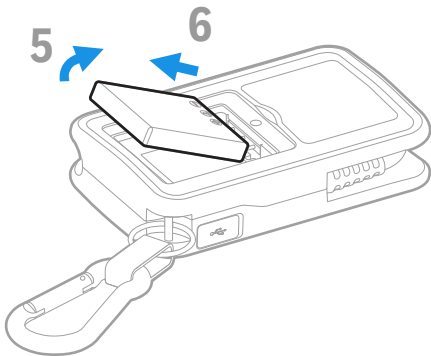
**Note:** LED behavior changes depending on internal (battery) or external (cable/wall charger) power source in use.



Power Source	Green LED Status	Description
External (cable/power supply)	Flashes	Battery charging
External (cable/power supply)	Solid, On	Battery fully charged
The following LED descriptions occur when you first turn On the adapter.		
Battery	Flashes for 5-seconds	Battery charge low, less than 10%*
Battery	Off	Battery charge is between 10% and 90%
Battery	Solid, On for 5-seconds	Battery fully charged
* Blue LED does not turn On if battery power is critically low.		

## Battery Removal

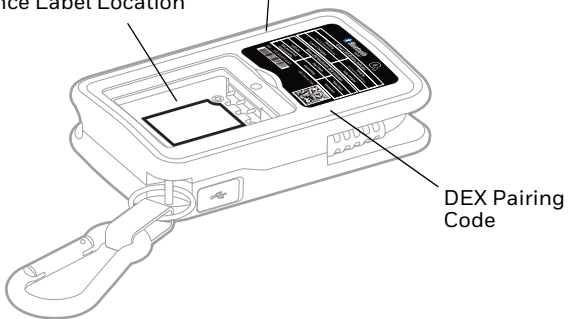




## Label Locations

Model Identification Numbers,  
Power Input rating and  
Compliance Label Location

Mac Address



## Support

To search our knowledge base for a solution or log into the Technical Support Portal and report a problem, go to [www.hsmcontactsupport.com](http://www.hsmcontactsupport.com).

## Documentation

Product documentation is available at [www.honeywellaidc.com](http://www.honeywellaidc.com).

## Limited Warranty

For warranty information, go to [www.honeywellaidc.com](http://www.honeywellaidc.com) and click **Resources > Product Warranty**.

## Trademarks

Android is a trademark of Google LLC.

Bluetooth trademarks are owned by Bluetooth SIG, Inc., U.S.A. and licensed to Honeywell.

## Patents

For patent information, see [www.hsmpats.com](http://www.hsmpats.com).

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