



Charge-Only Base COB02

Installation Guide



COB02-INST

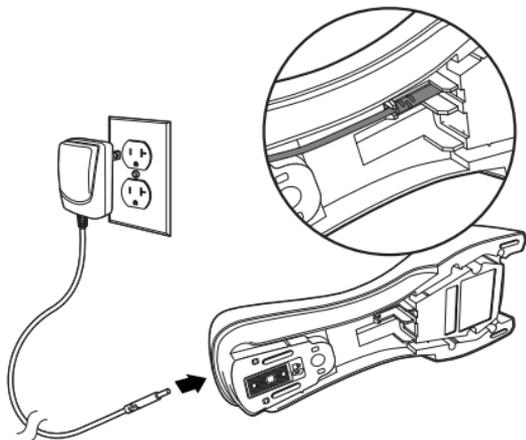
Rev B
9/15

Introduction

Honeywell's Charge-Only Base can fully charge an industrial wireless area-imaging scanner in 5 hours, maximizing uptime in any application.

Note: When a scanner is placed into the Charge-Only Base, the battery will charge. Please note that the Charge-Only Base will not facilitate communication with the host system or other scanners.

Installation



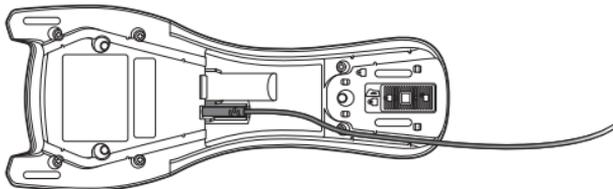
Connect the power adapter to the Charge-Only Base, then plug the power supply into an AC power outlet. Make sure the AC power outlet voltage is the same as the power supply.

Use only a Listed Limited Power Source (LPS) or Class 2 type power supply with output rated 5 to 5.2Vdc, 1A. We recommend use of Honeywell power adapters. Use of any non-Honeywell power adapters may cause damage not covered by the warranty.

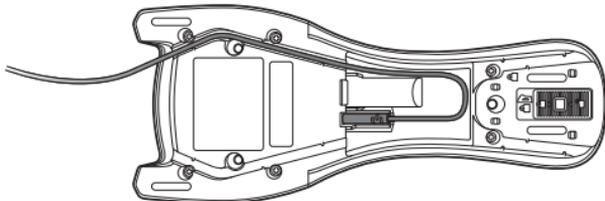
Mounting a COB02 Base

The COB02 Base can be mounted on either a horizontal or vertical surface. The cable can be routed through either the top or the bottom of the base.

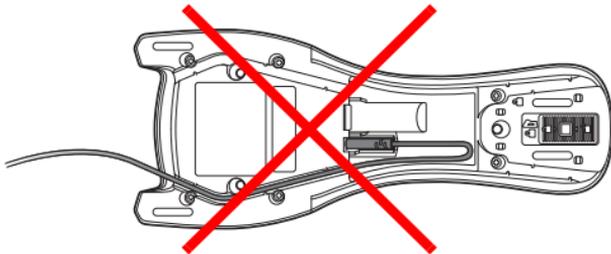
The cable can be routed down through the bottom of the base, securing the cable in the wireway.



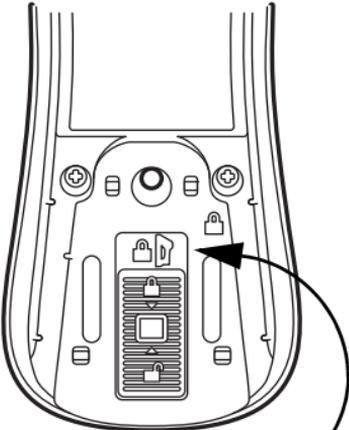
The cable can also be routed up through the top of the base, but must be crossed over and secured in the wireway.



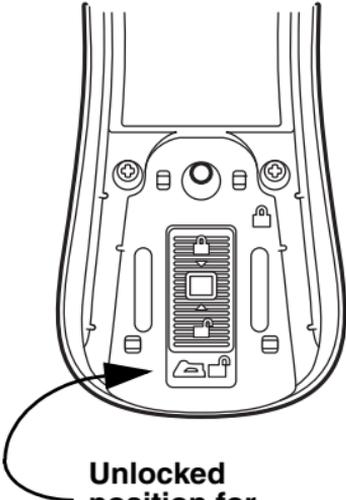
When routing the cable up through the top of the base, be sure to cross the cable over before placing in the wireway. If not, too much strain is placed on the cable connector.



When mounted on a vertical surface, a locking system is used to secure the scanner when it is in the stand. When mounted on a horizontal surface, the locking mechanism should be set to unlocked (pushed up). When mounted on a vertical surface, the locking mechanism should be set to locked (pushed down).

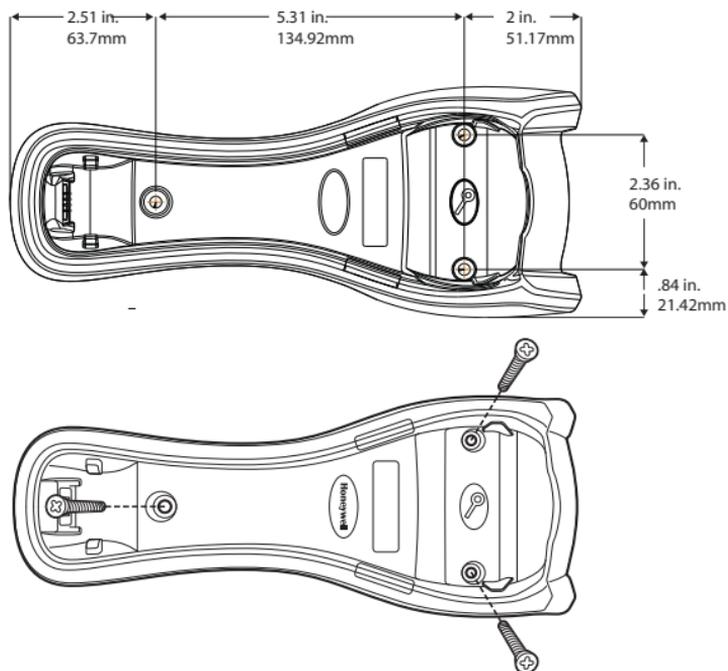


Locked position for vertical mount



Unlocked position for horizontal mount

Use 30mm screws, appropriate for the mounting surface material, to mount the base securely.



Operation and Indicators

1. Place a scanner into the cradle to charge.
2. When a scanner is inserted, the green LED flashes according to the chart below. If the Green LED does not appear, check to make sure the scanner is seated completely in the charger with the battery contacts touching the contacts on the charger.

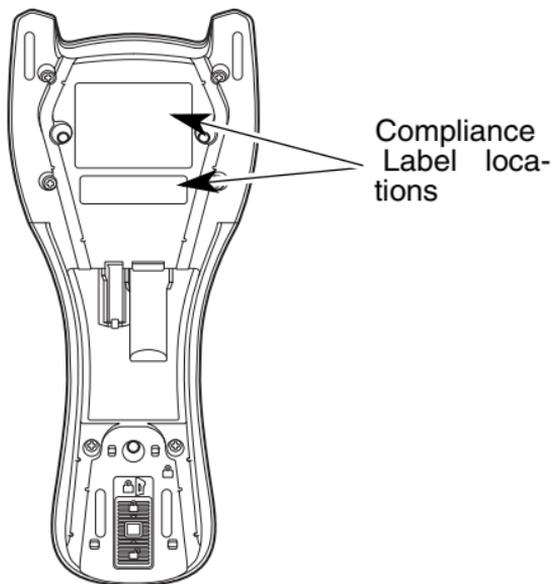
3. When the battery is completely charged, the green charging indicator stops flashing and stays illuminated.

LED Indicators	
Red	
On	Power is on
Green	
Off	Battery not detected
Slow flash	Pre-charge and charge
On	Charge completed
Fast flash	Charge suspended due to a fault condition

COB02 Product Specifications

Dimensions (Typical):	
Height	2.6 in. (6.6cm)
Length	9.8 in. (24.98mm)
Width	4.05 in. (10.28cm)
Weight	10.05 oz. (285g)
Voltage	4.5 to 5.5 volts
Current	1A
Charge Time	5 hours
Charge Temperature	41° F to +104° F (5° C to +40° C)
Humidity	Up to 95% non-condensing
Mechanical Drop	Operational after 50 drops from 3.94 feet (1.2m) to concrete within the temperature range of -4° F (-20° C) to 122° F (50° C).
Vibration	Complies with MIL-STD-810G, Method 514.6, Annex C
ESD Immunity	Up to 20kV direct air Up to 8 kV indirect coupling plane
IP Rating	IP51, immunity of foreign particles and dripping water

Required Safety Labels



Cleaning the Charge-Only Base

Unplug the Charge-Only Base from the power supply before cleaning.

Clean the housing of the Charge-Only Base with a soft cloth or tissue dampened with water (or a mild detergent- water solution). If a detergent solution is used, rinse with a clean tissue dampened with water only.



Never use solvents (e.g., alcohol or acetone) on the housing – solvents may damage the finish.

Technical Assistance

Contact information for technical support, product service, and repair can be found at www.honeywellaidc.com.

Limited Warranty

Refer to www.honeywellaidc.com/warranty_information for your product's warranty information.

Patents

For patent information, please refer to www.honeywellaidc.com/patents.

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