
**ZEBRA**

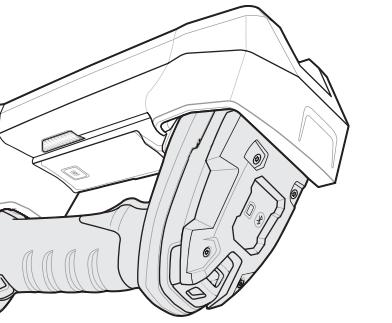
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<http://www.zebra.com>

**ZEBRA**

## Industrial Scanner Cradle



## STB3678 CRADLE



### South Korea

당해 무선설비는 운용 중 전파혼신 가능성이 있음

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

### Korean Warning Statement for Class B ITE

기종별 B급 기기 (가정용 방송통신기기)	사용자 안내문 이 기기는 가정용 (B급) 으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하여 모든 지역에서 사용할 수 있습니다.
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### China

通过访问以下网址可下载当地语言支持的产品说明书

### Thailand

เครื่องจักรนี้ได้รับการรับรองตามมาตรฐานความปลอดภัยของประเทศไทย

### Marking and European Economic Area (EEA)

**CE** Bluetooth® Wireless Technology for use through the EEA have the following restrictions:  
Maximum radiated transmit power of 100mW EIRP in the freq. range 2.400-2.4835 GHz

### Warnings for Use of Wireless Devices

Caution: Please observe all warning notices with regard to the usage of wireless devices.

### Potentially Hazardous Atmospheres - Vehicles Use

You are reminded of the need to observe restrictions on the use of radio devices in fuel depots, chemical plants, etc. and areas where the air contains chemicals or particles such as grain, dust, or metal powders and any other area where you would normally be advised to turn off your vehicle engine.

### Safety in Hospitals

Wireless devices transmit radio frequency energy and may affect medical electrical equipment. Wireless devices should be switched off wherever you are requested to do so in hospitals, clinics or healthcare facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

### Pacemakers

Pacemaker manufacturers recommended that a minimum of 15cm (6 inches) be maintained between a hand-held wireless device and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with independent research and recommendations by Wireless Technology Research.

- Should ALWAYS keep the device more than 15cm (6 inches) from their pacemaker when turned ON.
- Should not carry the device in a breast pocket.
- Should use the ear furthest from the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn OFF your device.

### Other Medical Devices

Please consult your physician or the manufacturer of the medical device, to determine if the operation of your wireless product may interfere with the medical device.

### Waste Electrical and Electronic Equipment (WEEE)

Bulgarian: За клиенти от ЕС: След края на полезния им живот всички продукти трябва да се връщат на Zebra за рециклиране. За информация относно връщането на продукти, моля отидете на адреса: <http://www.zebra.com/weee>

**Czechia:** Pro zákazníky z EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Zebra k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: <http://www.zebra.com/weee>.

**Dansk:** Til kunder i EU: Alle produkter skal returneres til Zebra til recirkulering, når de er udtjent. Læs oplysningerne om returnering af produkterne på: <http://www.zebra.com/weee>.

**Deutsch:** Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Zebra zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter <http://www.zebra.com/weee>.

**Ελληνικά:** Για πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειας ή αντί τους, πρέπει να επιστρέφονται στην Zebra για ανακύκλωση. Για περισσότερες πληροφορίες με την επιστροφή ανά προϊόντος, επισκεφθείτε την ιστοσελίδα <http://www.zebra.com/weee> στο Διαδίκτυο.

**Eesti:** Kõik töötlused tuleb nelja lõppedes tagastada taaskasutamise eesmärgil Zebraile. Lisainfootsiooni saamiseks loote tagastamise kohta külalägest palun aadressi: <http://www.zebra.com/weee>.

**English:** For EU Customers: All products at the end of their life must be returned to Zebra for recycling. For information on how to return product, please go to: <http://www.zebra.com/weee>.

**Español:** Para clientes en la Unión Europea: todos los productos deberán entregarse a Zebra al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: <http://www.zebra.com/weee>.

**Français:** Clients de l'Union Européenne : Tous les produits en fin de cycle de vie doivent être retournés à Zebra pour recyclage. Pour de plus amples informations sur le retour de produits, consultez : <http://www.zebra.com/weee>.

**Italiano:** per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Zebra al fine di consentire il riciclaggio. Per informazioni sulla modalità di restituzione, visitare il seguente sito Web: <http://www.zebra.com/weee>.

**Latvian:** ES klientiem: visi produkti pēc kalpošanas mūža beigām ir jānogādā atpakaļ Zebra otrreizējai pārstrādei. Lai iegūtu informāciju par produkta nogādāšanu Zebra, lūdzu, skatiet: <http://www.zebra.com/weee>.

**Lietuviai:** ES vartojotojai: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti utilizuoti į kompaniją „Zebra“. Daugiau informacijos, kaip grąžinti gaminių, rasite: <http://www.zebra.com/weee>.

**Magyar:** Az EU-ban vásárlóknak: minden tönkrement termékét a Zebra vállalatohoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókat látogasson el a <http://www.zebra.com/weee> weboldalon.

**Malti:** I-Malti: iUZ: il-produkti kolha li jkunu waslu fl-ahhar tal-hajja, iridu jiġu ritornati għand Zebra għar-riċċiak. Għal aktar tħaqrif dwar kif għandneha l-product, jekk qiegħbok zur: <http://www.zebra.com/weee>.

**Nederlands:** Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Zebra te worden teruggezonden voor recycling. Raadpleeg <http://www.zebra.com/weee> voor meer informatie over het terugzenden van producten.

**Polski:** Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należą zwracać do firmy Zebra w celu ich utylizacji. Informacje na temat zwrotu produktów znajdziesz się na stronie internetowej <http://www.zebra.com/weee>.

**Português:** Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Zebra para reciclagem. Para obter informações sobre como devolver o produto, visite: <http://www.zebra.com/weee>.

**Română:** Pentru clienți din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Zebra pentru reciclare. Pentru informații despre despre produsul, accesați: <http://www.zebra.com/weee>.

**Slovenščina:** Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Zebra za reciklaco. Za informacije o vratilu izdelka obiščite: <http://www.zebra.com/weee>.

**Suomi:** Asiakkaille Euroopan unionin alueella: Kaikki tuotteet palautettava kierrätettäväksi Zebra-höitolta, kun tutteta ei enää käytetä. Lisätietoa tuotteiden palauttamisesta on osoitteesta <http://www.zebra.com/weee>.

**Svenska:** För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Zebra för återvinning. Information om hur du returnerar produkten finns på <http://www.zebra.com/weee>.

**Türkçe:** AB Üyeleri için: Kullanım süresi dolan tüm ürünler geri dönüştürme için Zebra'ya iade edilmelidir.

Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen şu adresi ziyaret edin: <http://www.zebra.com/weee>.

**TURKISH WEEE Statement of Compliance**

EEE Yönetmeliğine Uygundur

Power Supply  
Use ONLY a Zebra approved UL LISTED ITE (IEC/EN 60950-1, LPS/SELV) power supply. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

**CAUTION** Operation of the device without regulatory approval is illegal.

degrees C. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

electrical ratings: Output 12Vdc, min 4.16A, with a maximum ambient temperature of at least 50

degrees C.

regulations: UL, CSA, CE, FCC-B, IC, RoHS, REACH, WEEE, ESD, EN60950-1, LPS/SELV.

EU Directive 2014/30/EU.

Regulations: FCC-B, IC, RoHS, REACH, WEEE, ESD, EN60950-1, LPS/SELV.

Regulations: FCC-B, IC, RoHS, REACH, WEEE, ESD, EN60950-1, LPS/SELV.

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Regulations: FCC-B, IC, RoHS, REACH,

## Introduction

The STB3678 cordless scanner cradle acts as charger and radio communication interface for the XX3678 cordless scanner. It can sit on a desktop or be mounted on a wall.

The STB3678 cradle receives data from the scanner via a Bluetooth radio, and sends that data to the host through an attached cable. The cradle also charges the scanner's internal battery pack when the scanner is inserted. The scanner can be charged from an external power supply or a powered host cable.

This document provides basic instructions on setting up and using the cradle. Any discussion of transmission of information refers specifically to the STB3678 cradle.

**CAUTION** LS3578 and DS3578 cordless scanners are incompatible with STB3678 cradles.

## Equipment Supplied

The cradle package includes:

- Cradle
- Four rubber feet (for desk mounting).

## Accessories

The following equipment may be needed:

- Three 1.5" #8 Philips head screws (for wall mounting, if applicable, not available from Zebra).
- Power supply for desk/wall mounting configuration.

Save the shipping container for storing or shipping. Inspect all equipment for damage. If anything is damaged or missing, call an authorized Zebra Support Center immediately.

## Related Documentation

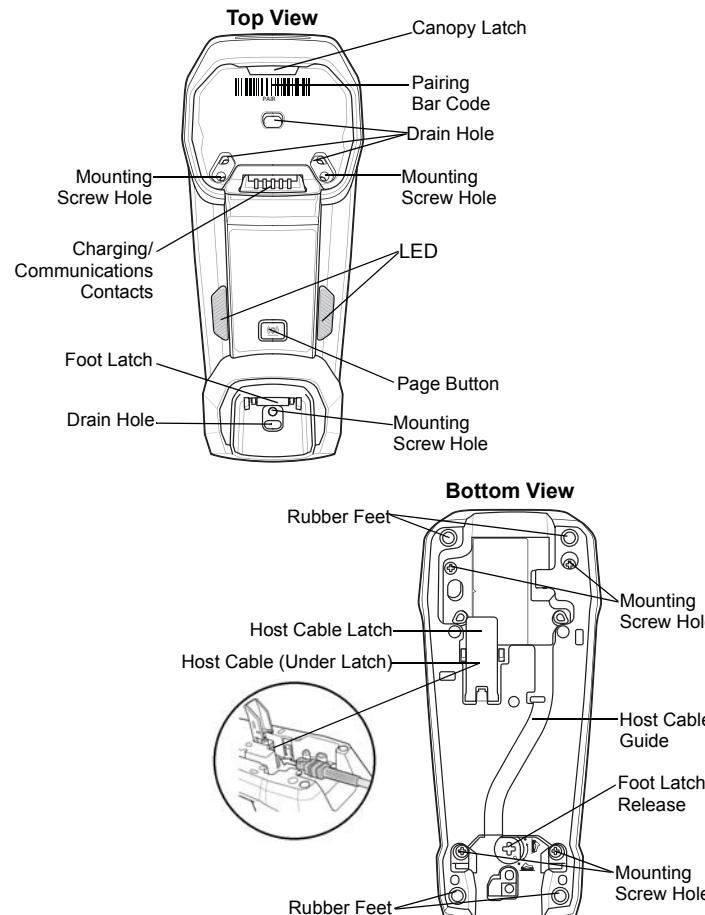
LI3678 Product Reference Guide, p/n MN001740Axx.

LI3678 Quick Start Guide, p/n MN002323Axx.

FLB3678 Quick Reference Guide, p/n MN002336Axx.

This documentation is available at: [www.zebra.com/support](http://www.zebra.com/support).

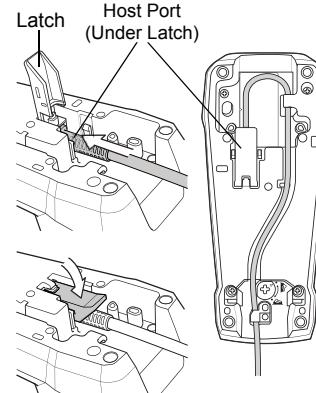
## Cradle Parts



## Cradle Connections

**IMPORTANT** Connect the interface cable and power supply (if necessary) in the following order to ensure proper operation of the scanner and cradle.

1. Connect the appropriate cable to the power supply and an AC power source, if necessary. This will ensure detection of the host and prevent inadvertently back powering the cradle from improper detection of the host.
2. Insert the interface cable into the host port.
3. Lift the latch and connect the interface cable into the cradle's host port, then close the latch.
4. If applicable, thread the interface cable over the cable support hook and run the host and power cables into their respective cable grooves.
5. Pair the scanner to the cradle either by inserting it in the cradle (if Pair on Contacts is enabled) or by scanning the pairing bar code.
6. If necessary, scan the appropriate host bar code (for non-autodetected interfaces). Refer to the *Product Reference Guide*.



## Changing the Host Interface

To connect to a different host, or to the same host through a different cable:

1. Unplug the interface cable from the host.
2. Unplug the power supply from the cradle.
3. Connect the interface cable to the new host, or the new interface cable to the existing host.
4. Reconnect the power supply, if required.
5. If necessary, scan the appropriate host bar code (for non-autodetected interfaces). Refer to the *Product Reference Guide*.

## Using a Host Interface to Supply Power

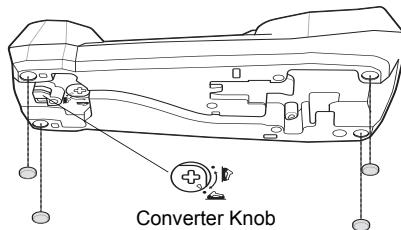
Some hosts can provide power to the cradle via the host interface, instead of an external power supply.

**CAUTION** Always disconnect the DC power supply BEFORE disconnecting the cable to the host end or the cradle may not recognize the new host.

## Mounting the Cradle

### Horizontal Mount

1. Ensure the desk/wall mount converter knob is in the correct position, shown at right.
2. If mounting the cradle horizontally where no fastening is necessary, peel the protective paper from the back of the rubber feet included with the cradle packaging, and attach the feet to the cradle at the indentations in the plastic. These feet provide traction and prevent surface damage.

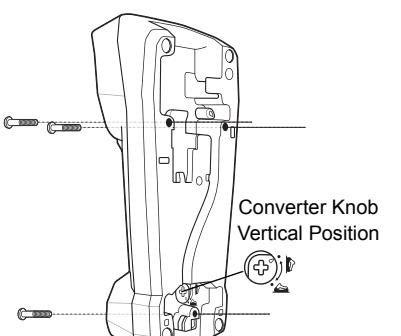


### Vertical Mount

**NOTE** Do not use the rubber feet when mounting in a vertical orientation.

### To mount the cradle on a vertical surface:

1. Use a Philips screwdriver to turn the desk/wall mount converter knob to the position shown below. The front latches protrude to engage the depressions at the base of the scanner's handle.
2. Attach the interface and power cables (see *Cradle Connections*).
3. Press the cables into the cable grooves.
4. Position the cradle on the mounting surface, or use the template included in this guide.
5. Mark the surface through the three holes on the bottom of the cradle, or use the mounting template to determine the location of the screw holes.
6. Pre-drill holes to accommodate three 1.5" #8 Philips head screws.
7. Attach the cradle securely to the surface.
8. Place the scanner in the cradle.

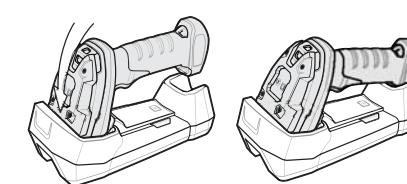


## Inserting the Scanner in the Cradle

**CAUTION** Do not pour, spray, or spill any liquid on the cradle.

To insert the scanner in the cradle:

- Insert the scanner top first. Push the handle until it clicks into place, engaging the contacts in the cradle and scanner.



## Sending Data to the Host Computer

The cradle receives data from the scanner via a wireless radio connection and transmits it to the host computer via the host cable. The scanner and cradle must be paired for successful wireless communication.

## Pairing

- ✓ NOTE** The pairing bar code that connects the scanner to a cradle is unique to each cradle.  
Do not scan data or parameters until pairing completes.

Pairing registers a scanner to the cradle such that the scanner and cradle can exchange information. The STB3678 operates in two modes: Point-to-Point and Multipoint-to-Point. In Point-to-Point mode, pair the scanner to the cradle either by inserting it in the cradle (if pair on contacts is enabled), or by scanning the pairing bar code. In Multipoint-to-Point mode, you can pair up to seven scanners to one cradle.

To pair the scanner with the cradle, scan a pairing bar code. A high-low-high-low beep sequence followed by a low-high beep sequence indicates successful pairing and connection to the remote device. A long low, long high beep sequence indicates unsuccessful pairing.

## Lost Connection to Host

If scanned data does not transmit to the cradle's host, ensure that all cables are firmly inserted and the power supply is connected to an appropriate AC outlet, if applicable. If scanned data still does not transmit to the host, reestablish a connection with the host:

1. Disconnect the power supply from the cradle.
2. Disconnect the host interface cable from the cradle.
3. Wait three seconds.
4. Reconnect the host interface cable to the cradle.
5. Reconnect the power supply to the cradle, if required.
6. Reestablish pairing with the cradle by scanning the pairing bar code.

## Wall Mount Template

