

B700 Base Installation: USB CDC Serial Port

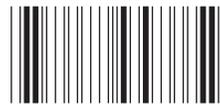
The Base Station can be configured to attach as a USB Serial CDC device. To do this you first must attach as shown in the picture.

Upon power-up, the Base Station LED will flash with 3 green flashes and then go solid green. After this attachment (default HID Keyboard) you will need to hold the RESET (Synch) button down on the back of the B700 USB Base Station for 10 seconds. The device will then flash yellow and the LED will stay yellow. The Base Station should be sensed automatically by the computer and the appropriate CDC driver installation will begin. Your computer should report "New Hardware Found" and ask for a driver. The Utilities CD-ROM contains the file (WDI_SER.INF) that will load the correct serial driver; occasionally you will have to insert the original Windows CD-ROM. See the Users Manual available in PDF format on the enclosed CD-ROM for more information on USB Serial CDC installation.



B700 Base/Scanner Pairing

Pairing is required to allow your RF Scanner(s) and the B700 Base Station to communicate - By default if you purchased a pair from Worth Data the units will already be "Paired". To pair a new scanner/base etc...or to confirm pairing press the Sync button on the B700 Base Station until the LED blinks red, then release the button and scan the bar code below with the scan gun you want to pair to this Base Station.



For complete setup information, please see the RF Scanners Users Manual available in PDF format on the enclosed CD-ROM.

RF Scanners



Wireless RF Bar Code Readers

QuickStart and Installation Guide

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

PROPOSITION 65 WARNING: This product, its packaging, and/or components may contain chemicals known to the state of California to cause cancer or birth defects or other reproductive harm

Contains FCC ID: QPU3020 IC: 4532A-SN3020



Full Users Manual available on the Utilities CD-ROM in PDF format. You can also download the Manual and Setup Menus at <http://www.barcodehq.com>



Introduction

The **LZ360-RF**, LZ404-RF & **520-RF** with **B700 USB Base Station** are RF Scanners for the USA, Canada & European markets. These lasers have a range of up to 500 feet (in an open area) with built in advanced radio collision detect and retry logic. These scanners communicate with the **B700 USB Base Station**. The Base Station communicates with a host PC through the USB port as a HID Keyboard or Serial CDC device. Up to 10 RF Scanners can communicate with one **B700 USB Base Station**.

If you use the default USB HID Keyboard interface, data is transmitted as keyboard data. If you use the CDC serial interface instead, serial data is transmitted to one of the COM ports.

The RF Scanners and Base operate in the 2.4GHz band and are FCC, IC & CE approved for license free use in the USA, Canada & Europe. The scanners and base radios operate by "frequency hopping" spread spectrum.

The scan gun has a rechargeable lithium ion battery built into the unit. The battery is recharged with the included Worth Data 5v power supply. Recharge time on fully discharged batteries is 3 hours. Do NOT use any other power supply to charge your laser.

RF Scanner Components

The contents of your Reader shipment should be the following:

1. An B700 USB Base Station with 1-10 LZ360RF , LZ404-RF or 520-RF Scanners.
2. A **Worth Data** regulated 5V power supply with each RF Scanner Scanner ordered. TO PREVENT DAMAGING the RF scanner, *DO NOT USE ANY OTHER BRAND OF POWER SUPPLIES.*
3. A Desktop/Wall Mount Scanner Holder
4. A CD-ROM with the Setup Menus, Utilites, & Manuals

Scanner Beeps and LEDs (what they mean)

When you scan, you will get one beep when you get a successful decode and a high-pitched beep. The data is then transmitted to the Base Station (as it is being transmitted, the LED stays solid blue). When the Laser receives the acknowledgement from the Base Station that the data has been received, the Laser emits a lower pitched beep and the LED turns off.

If the transmitted data fails to be acknowledged,

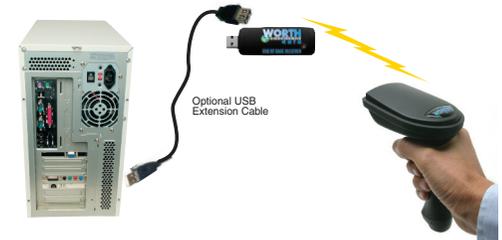


- 1) further scanning is prohibited. You can't pull the trigger again until the data reaches the base or until you clear the scanner.
- 2) The scanner will retransmit three times, (the LED will indicate retransmissions).
- 3) If it fails three times, it will emit a distinct 6 beep pattern and turn off. This is your clue to check out the USB Base Station.
- 4) You can pull the trigger to try transmission again. (the laser beam will not come on until the transmission is acknowledged or you hold the trigger down for 10 seconds to clear the data).

B700 USB Base Installation: HID Keyboard

USB attachment does not require external power, if for some reason your USB port does not have enough power to operate the Base Station correctly, you will need a powered High Power USB Hub. The Base Station will power up with 3 green flashes then stay green when it is plugged in.

Connect the B700 Base Station to the computer - connecting directly to an available USB port on your computer. You can also use an (user supplied) USB extension cable if needed.



The Base Station should be sensed automatically by the computer and the driver installation will begin. Windows® can usually find the necessary driver on the hard drive; occasionally you will have to insert the original Windows CD. The Mac always finds the driver. In either case, the driver used is the standard USB keyboard driver. No special drivers are required.