

## CR3500 as a USB Keyboard

1. Attach the USB cable (Figure 5 for cable types) to the CR3500.
2. Connect the USB cable to a USB port (Figure 6) on the computer. There is no need to power off the computer.
3. Once properly connected, the CR3500 will power on and beep.
4. Scan the following code for USB Keyboard mode:

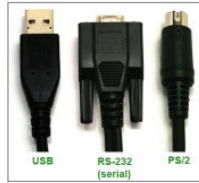


Figure 5

### USB Keyboard Factory Reset



M049\_03

All other USB settings (including Virtual COM settings) may be found in the CR3500 User Manual at: [www.codecorp.com/manuals.html](http://www.codecorp.com/manuals.html)

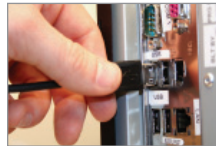


Figure 6

5. Scan the Save Settings code (M188\_02) on page 3.

## CR3500 as a RS-232 (Serial)

1. Attach the RS-232 cable (see Figure 5 for cable types) to the CR3500.
2. Connect the RS-232 cable to a serial port on the computer. There is no need to power off the computer.
3. The RS-232 interface has an optional 5V/1.5A power supply. If you have a power supply, plug the power supply adapter into the RS-232 cable and then plug the power adapter into a wall socket.
4. Once properly connected, the CR3500 will power on and beep.
5. Scan the following code for RS-232 (Serial) mode:

### RS-232 Factory Reset



M418\_02

**RS-232 Factory Default Settings**  
Mode: RS-232 One Way Mode Max Range  
Baud Rate: 57600  
Stop Bits: 1  
Data Bits: 8  
Parity: None

### RS-232 Mode No Power Supply



M074\_02

All other Serial settings can be found in the CR3500 User Manual at: <http://www.codecorp.com/manuals.html>

6. Scan the Save Settings code (M188\_02) on page 3.

## CR3500 as a PS/2 Keyboard

1. Power off the computer. If you disconnect the computer's keyboard while it is powered on, your computer will lock up.
2. Attach the PS/2 cable (see Figure 5 for cable types) to the CR3500.
3. If you have a cabled keyboard, detach the keyboard cable from the computer and connect that same connector to the female connection on the CR3500 PS/2 cable (Figure 7).
4. Now connect the male CR3500 PS/2 connector into the keyboard port on the computer (Figure 8).
5. Power on the computer. The CR3500 is powered by the PS/2 port and does not require a power supply.
6. Once properly connected, the CR3500 will power on and beep.
7. Scan the following code for PS/2 Keyboard mode:



Figure 7



Figure 8

### PS/2 Keyboard Factory Reset



M060\_03

All other PS/2 settings may be found in the CR3500 User Manual at: [www.codecorp.com/manuals.html](http://www.codecorp.com/manuals.html)

8. Scan the Save Settings code (M188\_02) below.

## Save Settings

To save changes made to the CR3500 configuration, scan the following code:

### Save Settings



M188\_02

## Powering on a CR3500



**Note:** To power on an uncabled CR3500, the reader must have a working battery (not a battery blank).

Press and hold red button for at least one second to power on.

### CR3500 Accessories:

- Handles
- Battery Handles
- Battery Chargers (single)
- Lanyard Hook Attachment
- Reader Stand

Visit [www.codecorp.com](http://www.codecorp.com) for information on all Code readers and accessories.



Figure 10

**H2 Cabled Handle or BH1/BH2 Battery Handle**

The CR3500 utilizes the battery compartment to 'snap' the handle. For the H2 (only) push the 8-pin DIN connector at the end of the reader into the flexible connector at the end of the handle (Figure 10). For all three handles, snap the reader onto the handle matching the battery compartment to the battery connectors, visible inside the handle (Figure 11).



Figure 11



Figure 12

**Note:** Readers with a MFG # of 012\_05 or later can be secured to H2 & BH1/BH2 handles with threaded screws (Figure 12). To determine the Manufacturing # of the reader, look at the reader's battery compartment and view the MFG # displayed (Figure 13).



Figure 13



Figure 14

**H1 Handle**

Slide the CR3500 into the handle, aligning the 8-pin DIN connector to the stationary connector pin on the handle (Figure 14). Push reader and handle together firmly until you feel the reader 'click' in place.

Reading Tips



Too far from code.



Too close to code.



Optimal distance from code is 3.3" (85mm).

Code Reader 3500 - Cabled

The Code Reader 3500 (CR3500) is a Multi-Interface Unit (MIU) and is available with USB (6 ft. or 12 ft.), RS-232 and PS/2 cables. All of the cables are connected to the CR3500 with a 8-pin DIN connector.



**Hand Held CR3500** - To install a cable directly to the CR3500, correctly line up the 8-pin DIN connector into the back end of the unit. The arrows on the connector should be facing down (Figure 1). When the unit and the cable connector are lined up, firmly push the cable into the reader. The cable has a locking mechanism that will firmly hold the cable in place (Figure 2). To unattach the cable from the reader, you must pinch the plastic on the 8-pin DIN and pull back to disengage the connector.



Figure 1



Figure 2

**CR3500 with Cabled Handle** - If a handle was purchased for use with the CR3500, the 8-pin DIN connector is at the bottom of the handle (Figure 3). Insert the 8-pin connector and firmly push the cable into the handle. The cable has a locking mechanism that will firmly hold the cable in place. If using the H2 cabled handle, for additional stability, there is an optional cable attachment clip that can secure the cable to the handle with two threaded screws (Figure 4). Screws shall be tightened to a torque setting of 2 inch-lbs.



Figure 3



Figure 4

