**STEP 1 - BATTERY INSERTION**

1. Battery Connector Clips
2. Connect to appropriate host power (if required)
3. Scan window
4. Scan trigger
5. LED
6. Beeper

**STEP 2 - CRADLE CABLE CONNECTION**

1. Cradle Insertion
2. Power supply optional
3. Connect to appropriate host power (if required)
4. RS-232
5. USB
6. HID keyboard emulation
7. IBM PC/AT and IBM PC compatible
8. Standard RS-232 ports
9. IBM 46XX
10. Keyboard wedge
11. Scan bar code below
12. Power supply optional

**STEP 3 - CONNECT HOST INTERFACE**

1. RS-232
2. Scan one of the bar codes below
3. IBM 46XX
4. Scan one of the bar codes below
5. Keyboard wedge
6. Scan bar code below

**STEP 4 - SET UP INTERFACE (Scan Host Bar Codes)**

1. RS-232
2. Scan one of the bar codes below
3. IBM 46XX
4. Scan one of the bar codes below
5. Keyboard wedge
6. Scan bar code below
7. 123SCAN2

123Scan2 is an easy-to-use, PC-based software tool that enables rapid and easy customized setup via a bar code or USB cable. For more information, visit: [http://www.zebra.com/123scan2](http://www.zebra.com/123scan2)
**Standard Use**
- **Parameter Menu Scans**
  - **Cradle parameter setting**
  - **Correct (wrong) programming sequence performed**
  - **Incorrect (wrong) programming sequence performed**
- **Wireless Operation**
  - **Having code scanned**
  - **Transmit data successfully**
  - **Data transmission error detected**

**Hand-Held Scanning**
- **Cradle Selection**
  - **Scan CRADLE HOST**
  - **Scan SERIAL PORT PROFILE (MASTER)**
  - **Scan HID PROFILE (SLAVE)**

**Radio Communications Host Types**
- **CRADLE HOST SERIAL PORT PROFILE (MASTER)**
- **SERIAL PORT PROFILE (SLAVE)**
- **HID PROFILE (SLAVE)**

**Troubleshooting**
- **Scanner Not Working**
  - **No power to scanner**
  - **Check power, battery, or scanner is disabled**
  - **Ensure that scanner has been connected to a cradle**
  - **Ensure that scanner can be powered by a cradle**
- **Scanner Not Decoding Bar Code**
  - **Bar code unreadable**
  - **Distance between scanner and host is too great**
  - **Transmission error detected**
- **LED Indicate Low Battery Start Up**
  - **Low battery start up**
  - **Check battery and cradle connections**
  - **Decide whether scanner is charging**
- **SET DEFAULTS**
  - **Battery Off for Long Term Storage/Shipping**

**Ergonomic Recommendations**
- **Optimum Arm Position**
  - **Alternate left and right hands**
- **Avoid Extreme Wrist Angles**
  - **Avoid bending and reaching**
- **Avoid Slouching**
  - **Avoid extended postures**

**Radio Communications Host Types**
- **ADD AN ENTER KEY (Carriage Return/Line Feed)**
  - **Enter**
- **ADD A TAB KEY**
  - **Tab**

**Battery Off for Long Term Storage/Shipping**
- **Return to Factory Defaults**

**Beeper Indications**
- **Standard Use**
- **Parameter Menu Scans**
- **Wireless Operation**

**LED Indications**
- **Standard Use**
- **Parameter Menu Scans**
- **Wireless Operation**

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