Code CRA-C514

Code CRA-C514 Coiled USB Affinity Cable User Manual

Model: CRA-C514

Introduction

This user manual provides comprehensive instructions for the proper installation, operation, and maintenance of the Code CRA-C514 Coiled USB Affinity Cable. This cable is specifically designed to ensure reliable data transfer and power supply for Code CR1000 and CR1400 barcode scanners, facilitating efficient point-of-sale and data capture operations.

Product Overview

The Code CRA-C514 is a 14-foot (approximately 4.27 meters) coiled USB cable, engineered for durability and flexibility in various operational environments. Its coiled design helps manage cable length, reducing clutter and potential tripping hazards. The cable features standard USB Type A and proprietary connectors compatible with Code CR1000 and CR1400 series scanners.



Figure 1: Code CRA-C514 Coiled USB Affinity Cable. This image displays the black coiled cable with its two distinct connectors at either end, one being a standard USB Type A and the other a proprietary connector for Code scanners.

Setup

1. **Unpack the Cable:** Carefully remove the CRA-C514 cable from its packaging. Inspect it for any visible damage.
2. **Identify Connectors:**
   - One end is a standard **USB Type A** connector, typically rectangular. This end connects to your host device (e.g., computer, POS system).
   - The other end is a proprietary connector designed to fit the **Code CR1000 or CR1400 scanner**. This connector is often smaller and specifically shaped.
3. **Connect to Scanner:** Gently insert the proprietary connector into the corresponding port on your Code CR1000 or CR1400 barcode scanner. Ensure it clicks securely into place. Do not force the connection.
4. **Connect to Host Device:** Insert the USB Type A connector into an available USB port on your computer or POS system.
5. **Verify Connection:** Once connected, the scanner should power on and be recognized by your host device. Refer to your scanner's manual for specific indicator lights or sounds that confirm a successful connection.

Operating

The CRA-C514 cable facilitates the communication and power supply between your Code CR1000 or CR1400 scanner and the host system. Once properly connected, the cable operates passively, transmitting data scanned by the device and providing necessary power.

- **Data Transmission:** The cable ensures high-speed and reliable transmission of barcode data from the scanner to the connected computer or POS system.
- **Power Supply:** It draws power from the USB port of the host device to operate the scanner, eliminating the need for a separate power adapter for the scanner in most configurations.
- **Coiled Design Benefits:** The coiled nature of the cable allows for flexible reach while minimizing excess cable length, which is beneficial in environments where space management and neatness are important.

Maintenance

Proper maintenance extends the lifespan of your CRA-C514 cable and ensures consistent performance.

- **Cleaning:** Use a soft, dry, lint-free cloth to gently wipe the cable and connectors. Avoid using harsh chemicals, solvents, or abrasive materials.
- **Storage:** When not in use, store the cable in a clean, dry environment, away from extreme temperatures and direct sunlight. Avoid tightly coiling or bending the cable sharply, which can damage internal wires.
- **Handling:** Always grasp the connector housing when plugging or unplugging the cable. Never pull directly on the cable itself, as this can strain the connections and lead to internal damage.
- **Inspection:** Periodically inspect the cable for any signs of wear, fraying, cuts, or bent pins on the connectors. Replace the cable if any damage is observed to prevent potential issues with your scanner or host device.

Troubleshooting

If you encounter issues with your CRA-C514 cable, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Scanner not powering on or recognized.	Loose connection, faulty USB port, damaged cable.	• Ensure both ends of the cable are securely connected. • Try a different USB port on your host device. • Test the scanner with a known working cable, if available. • Inspect the cable for visible damage.
Intermittent connection or data transfer errors.	Cable strain, internal damage, electromagnetic interference.	• Ensure the cable is not excessively stretched or bent. • Relocate the cable away from other electronic devices that might cause interference. • Replace the cable if issues persist, indicating potential internal damage.
Cable appears physically damaged.	Wear and tear, improper handling, accidental damage.	• Discontinue use immediately to prevent damage to connected devices. • Replace the cable with a new, genuine Code CRA-C514 cable.

Specifications

Model Number	CRA-C514
Brand	Code
Cable Type	Coiled USB Affinity Cable
Length	14 feet (approx. 4.27 meters)
Connectors	USB Type A (Male) to Proprietary Code Scanner Connector (Male)
Compatible Devices	Code CR1000 and CR1400 Barcode Scanners
Color	Black

Warranty and Support

For information regarding warranty coverage, technical support, or service for your Code CRA-C514 cable, please refer to the official Code website or contact Code customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Code Official Website: www.codecorp.com

Note: Product specifications and information are subject to change without notice.

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