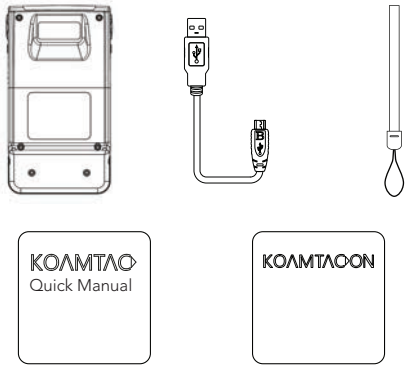


What's in the Box?

- ▶ KDC415/425
- ▶ Micro USB Cable
- ▶ Hand Strap
- ▶ Quick Manual
- ▶ KOAMTACON Guide



Powering On/Off

Power On

Slide the POWER switch up.

Power Off

Slide the POWER switch down.



Additional Accessories

- ▶ SmartSled Cases for Apple and Android
- ▶ Micro USB Cable
- ▶ 1,200mAh Battery
- ▶ KBD401K Bluetooth Classic Dongle

KDC400 Models

- ▶ KDC415iT-OP-R2 1D Laser Barcode MSR Smartsled
- ▶ KDC415iNT-OP-R2 1D Laser Barcode MSR Smartsled
- ▶ KDC425iT-SF-R2 2D Imager Barcode MSR Smartsled
- ▶ KDC425iNT-SF-R2 2D Imager Barcode MSR Smartsled

Visit our website for more information.

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KOAMTAC

KDC400 Series Mini Guide



Basic Operation

1. Aim the KDC® directly at the barcode and press either of the SCAN buttons located on each side of the device ensuring the beam covers the barcode horizontally.



2. A successful scan will sound 1 beep and show a green LED. An unsuccessful scan will sound 2 beeps and show a red LED.

Bluetooth Profiles Explained

HID Normal

Allows one-way Bluetooth communication with an Android, Mac, and Windows host device. The KDC only transmits data to the host device.

SPP

Allows two-way Bluetooth communication. The KDC transmits data to host device and the host can transmit data back to the KDC.

HID iOS

Allows one-way Bluetooth communication with an iOS host device. The KDC only transmits data to the iOS host device.

MFi

Allows two-way Bluetooth communication with an iOS host device. The KDC transmits data to an iOS host device and the iOS host can transmit data back to the KDC.

HID inputs data directly into an application. Both SPP and MFi require KOAMTAC KTSync® app or integration of the KOAMTAC SDK to input data into an application.

Pairing & Connecting

1. Navigate to the Bluetooth setting on the host PC, Mac, Smartphone, or Tablet.
2. Ensure that Bluetooth is enabled on the host device and searching for devices.
3. Using the KDC, scan the pairing barcode that corresponds to your desired Bluetooth profile. If you are unsure which Bluetooth profile is right for you, please refer to the previous panel.
4. Check the list of available Bluetooth devices on your host device.
5. From the list, select KDC400 listed by serial number in brackets that matches the serial number found on the back side of the KDC400.
6. In HID mode, KDC400 is now ready to use.
7. To complete connection in SPP/MFi mode, launch KTSync or your application and select KDC400.

* The KDC400 will beep when successfully connected.

Pairing Barcodes



Android, Mac, Windows: HID Normal



iOS: HID iOS



SPP & MFi

Using Keyboard Wedge

Keyboard wedge allows you to use your KDC as a keyboard. The HID profile works as keyboard wedge by default. When using SPP or MFi, KTSync provides a keyboard wedge function when KTSync keyboard is enabled. Please refer to the KDC Reference Manual for detailed instructions to enable KTSync keyboard.

1. Ensure that the KDC is connected to the host using the HID profile or the KDC is connected via KTSync keyboard using SPP/MFi profiles.
2. Open any application on the host device that contains a text field you want to populate.
3. Tap the text field in the application.
4. Scan any barcode with the KDC.
5. The barcode data will then populate in the text field.

Specs

Functionality

Memory Flash ROM: 256KB Program
Memory RAM: 64KB
Can store more than 8,000 Barcodes (EAN-13)

Wedging & Synchronization

Store to a file or transfer to an application
Keyboard wedge function
Add-on prefixes and suffixes
Barcode option selection

Scan Range (10mil Code39)

Laser: 1.97" to 7.48" (50 mm to 190 mm)
Imager: 3.2" to 9.2" (81 mm to 234 mm)

Supporting OS

Android / iOS / Mac OS X / Windows

Specs

Interfaces

Bluetooth V2.1+EDR, Class 2, HID/SPP/MFi
USB to Serial (Ultra-mini USB port)

User Environment

Drop Spec: 5' (1.5 m)
Operating: 32°F to 113°F (0°C to 45°C)
Storage: -4°F to 113°F (-20°C to 45°C)
Humidity: 5% to 85% (non-condensing)

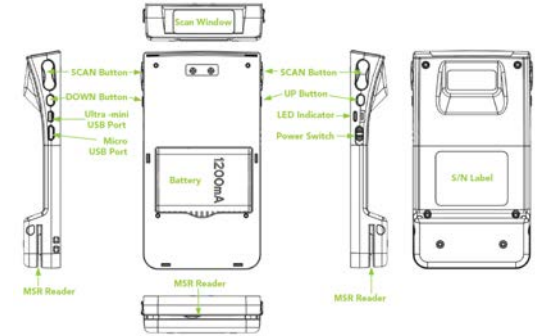
Mag-Stripe Reader (MSR)

Complies with ISO 7810/7811/7812 (Triple track)
Life: Minimum 500,000 swipes

NFC Standards Supported

ISO/IEC 14443 A/B, ISO/IEC 15693, FeliCa, MIFARE (1K/4K)
Ultralight/UltralightC/DESFire

KDC400 Series Diagram



MSR Barcodes

Enable MSR Power



Disable MSR Power



NFC Barcodes

Enable NFC



Disable NFC



Helpful Barcodes

Enable Auto Reconnect



Disable Auto Reconnect



Helpful Barcodes

Enable Beep Sound



Disable Beep Sound



For complete instructions on how to configure the MSR, please refer to the KDC Reference Guide:
www.koamtac.com/support/downloads/manuals-guides/

Supported Models:

- ▶ KDC415iNT-OP-R2 1D Laser Barcode MSR Smartsled
- ▶ KDC425iNT-SF-R2 2D Imager Barcode MSR Smartsled