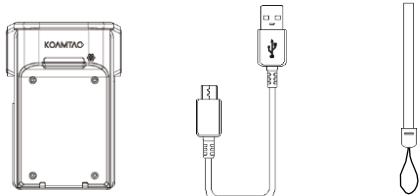


What's in the Box?

- KDC480 or KDC485
- Hand Strap or tablet strap
- Quick Manual
- KOAMTACON Guide



Basic Operation

- Aim the KDC1000/1100 toward the barcode and press either of the SCAN buttons located on each side of the device. You can scan the barcode from any direction.



2. A successful scan will sound 1 beep. An unsuccessful scan will sound 5 beeps.

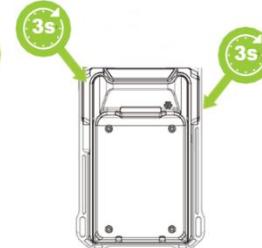
Powering the KDC1000/1100 On/Off

Press both left and right SCAN buttons for 3 seconds. The KDC1000/1100 will beep when turned ON or OFF. The KDC1000/1100 will sound a long beep when it is ready to use.

KDC1000 Models



KDC1100 Models



FCC Information
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Note : This equipment has been tested and found to comply with the limits for a CLASS B digital device, pursuant to Part 15 FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into a outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

CAUTION : Exposure to Radio Frequency Radiation.

(If not subject to measurement S. To comply with FCC's RF exposure limits for general population / uncontrolled exposure, the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Caution

Risk of fire or explosion if the battery is replaced by an incorrect type

Operating: -4°F to 122°F (-20°C to 50°C)



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USB Interfaces

The KDC1000/1100 features two **USB Type-C** connectors.

The first connector is located on the inside of the KDC1000/1100 and provides a **USB** connection to the phone.

The second connector is located on the outside of the KDC1000/1100 and is used to charge phone and KDC1000/1100 by using charging adaptor. It is also used to access KDC1000/1100. Use this port if you want to connect the KDC1000/1100 to a PC by scanning the special QR code below:



PC to Phone

If you unplug the cable, the KDC1000/1100 connects back to the KDC1000/1100.

USB Connectivity Options

The default communication method for the KDC1000/1100 is HID. If you prefer to use the KDC1000/1100 in serial mode, please refer to the barcodes in the next panel.

HID

Allows one-way USB communication. The KDC1000/1100 only transmits data to the KDC1000/1100.

Serial

Allows two-way USB communication. The KDC1000/1100 transmits data to the phone application, and the phone application can transmit data/control back to the KDC1000/1100.

HID inputs data directly into an application, while serial requires KTSync or custom application developed using the KOAMTAC SDK to input data into an application.



KDC1000/1100 Mini Guide



Using USB HID or USB Serial Mode

The **HID mode** allows you to use your KDC1000/1100 as a keyboard. This option is only available when KDC1000/1100 is set to HID Mode. To put the KDC1000/1100 into HID mode, please scan the QR code below:



USB HID Mode

To change the KDC1000/1100 to serial mode for use with KTSync, your application, or for KDC1000/1100 firmware upgrades, please scan the QR code below:



USB Serial Mode

Using Keyboard Wedge

Keyboard wedge allows you to use your KDC1000/1100 as a keyboard. The HID profile works as keyboard wedge by default. When using serial mode, 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 KDC1000/1100 is connected to the host device using the HID profile or the KDC1000/1100 is connected via KTSync keyboard using serial mode.
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 KDC1000/1100.
5. The barcode data will then populate in the text field.

Bluetooth Profiles

HID

Allows one-way Bluetooth communication with an Android or iOS host device. The KDC1000/1100 only transmits data to the host device.

SPP

Allows two-way Bluetooth communication. The KDC1000/1100 transmits data to the host device and the host device can transmit data back to the KDC1000/1100.

HID
Windows

Allows one-way Bluetooth communication with a Windows PC. The KDC1000/1100 only transmits data to the Windows PC

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

KTSync & SDK

KTSync® is a program which communicates with the KDC1000/1100 via USB or Bluetooth. It enables users to read and store data. KTSync is compatible with iOS, Android, Windows, and Mac. It also supports wedging and downloading data from the KDC1000/1100.

For more information about KTSync, please visit: www.koamtac.com/support/downloads/applications

The Software Development Kit (SDK) is the perfect solution for creating a custom application to collect data utilizing your KDC1000/1100. The KOAMTAC SDK covers all major development platforms: Android, iOS, Windows, Xamarin, Cordova, React Native and Flutter. Developers may take advantage of the complimentary SDK and enjoy the full benefits of the KOAMTAC Developer Program. For more information regarding the KOAMTAC Developer Program or to request the latest SDKs, visit: www.koamtac.com/support/downloads/sdk or e-mail [sdk@koamtac.com](mailto: sdk@koamtac.com).

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 KDC1000/1100, 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.
- 3a. If KDC1000/1100 does not have a barcode scanner, hold any SCAN button on the KDC1000/1100 for 3 seconds until you hear a beep to begin pairing (Select Bluetooth Profiles from KTSync Windows using USB cable).
4. Check the list of available Bluetooth devices on your host device.
5. From the list, select KDC1000/1100 listed by serial number in brackets that matches the serial number found on the back side of the KDC.
6. In HID mode, the KDC1000/1100 is now ready to use.
7. To complete connection in SPP mode, launch KTSync or your application and select the KDC1000/1100.

* The KDC1000/1100 will beep when successfully connected.

Additional Accessories

The first application suite of its kind, KOAMTACON is a data collection cloud suite designed specifically to be used with KDC Bluetooth barcode scanners, RFID readers, and Magnetic Stripe Readers (MSR) to collect data in any situation.

With apps ranging from ticketing to warehouse management, KOAMTAC has you covered. It's never been so easy to collect data via barcodes, RFID, or Magnetic Stripe.

KOAMTACON is:

- Simple to maintain
- Easy to use
- Cloud-based
- Compatible with any device

For more information please visit: www.koamtac.com

Pairing Barcodes



HID

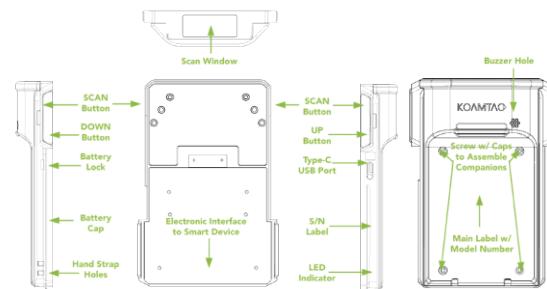


HID Windows



SPP

KDC1000/1100 Diagram



KDC485 models are identical except for their angled scan engines.