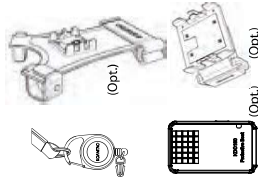
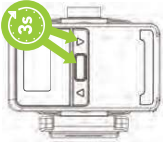


- KDC180
- Type-C USB Cable
- KDC® Lanyard
- Quick Manual
- KOAMTACON Guide
- Ring Trigger or Finger Trigger Glove (Optional)
- Protective Rubber Boot (Optional)



Power On
Press and hold the SCAN and DOWN buttons for 3 seconds.

Power Off
Press and hold the SCAN and DOWN buttons for 3 seconds again.



* The SCAN buttons on the KDC180 or Ring Trigger may be used for powering on/off.

HID Allows one-way Bluetooth communication with an Android or iOS 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
Windows

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



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

[illegible]

- ▶ Finger Trigger Glove
- ▶ Ring Trigger (Left/Right/Double)
- ▶ Protective Rubber Boot
- ▶ 2-Slot and 10-Slot Charging Cradles
- ▶ Type-C USB Cable
- ▶ KBLED41 BLE Dongle



116 Village Blvd, Ste 305, Princeton, NJ 08540
+1 609-256-4700 [p](mailto:info@koamtac.com) | +1 609-228-4373 [f](mailto:info@koamtac.com)
info@koamtac.com | www.koamtac.com

HD

This feature applies only to Android host devices and is available for HID or SPP pairing profiles only.

1. The default connection mode is SPP. To connect in SPP mode, approach the NFC antenna area on the back of the host device with the KDC to complete pairing.
2. If HID mode is preferred, scan the HID Mode barcode first, then approach the NFC antenna area on the back of the host device with the KDC to complete pairing.

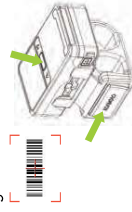


NFC HID



NFC SPP

1. Aim the KDC directly at the barcode and press the SCAN button on the KDC or on the Ring Trigger, ensuring the beam covers the barcode horizontally.



2. A successful scan (A) will sound 1 beep, show 5 green LEDs, and display the scanned info on the screen. An unsuccessful scan (B) will sound 2 beeps, show 5 red LEDs, and display "Read Failed" on the screen.



LED Indicator Status

The KDC180 is equipped with a set of LED indicators that provide operational feedback & can be programmed via SDK.

Charging:

Green: Charging Complete

Orange: Charging

* Lights 1 through 5 illuminate based on battery level.

Bluetooth:

Green: Connected

Red: Disconnected

Blinking Orange: HID Pairing

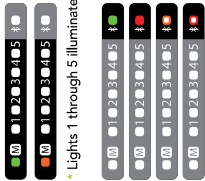
Blinking Red: SPP Pairing

Read Indicators:

Green: Successful Read

Red: Failed Read

* Lights 1 through 5 illuminate based on battery level.



KTSync & SDK

KTSync® is a program which communicates with the KDC via 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 KDC.

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

The Software Development Kit (SDK) is the perfect solution for creating a custom application to collect data utilizing your KDC. The KOAMTAC SDK covers all major development platforms: Android, iOS, Mac OS X, Windows, Xamarin, and Cordova. 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.kaamtac.com/support/downloads/sdk or e-mail sdk@kaamtac.com.

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, 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 the SPP profile.
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.

KDC180 Accessories

Ring Trigger for KDC180
The KDC180 Ring Trigger fits comfortably around the index and middle fingers while the scan button is easily operated with your thumb.



Safety Glove for KDC180

The Safety Glove fits comfortably on your bare hand or over a work/winter glove. It is constructed from lightweight, cut-resistant yarn.



KDC180 Charging Cradles

Conveniently charge your KDC180 and spare batteries. Available in 2-Slot and 10-Slot configurations.



Specs

Functionality

Memory Flash ROM: 256KB
Program, 256KB User Data
Memory RAM: 64KB
Can store more than 10,000 barcodes (EAN-13)

Interfaces

Bluetooth® Low Energy 5.0;
HID (Android/iOS/Windows),
SPP (Optional Secure Mode)
Micro USB: USB HID, USB Serial
(Android w/ OTG cable/Windows)

User Environment

Drop Spec: 6' (1.8 m)
Operating: -4°F to 122°F
(-20°C to 50°C)
Storage: -4°F to 140°F
(-20°C to 60°C)
Humidity: 5% to 95%
(non-condensing)

Physical Characteristics

Size: 1.57" X 2.72" X 0.8"
40mm X 69mm X 20mm
Weight: 2.3oz, 65g

Supporting OS

Android, iOS, Mac OS X,
Windows, Xamarin, and
Cordova