

KOAMTAC▶

Basic usage guide for KTSync

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May be covered under one or more pending and/or US Patents: US Pat. Nos. 7,769,917; 7,954,710; 8,126,399; 8,295,368; 8,347,366; 8,346,979; 8,371,506; 8,483,61; UK Pending Patent App. No. 1203882.4; UK Patent Pending GB2492615; Korea Patent No. 10-2013-0010827.

May be covered under the patent laws of the US and other countries. For patent information in the US, see <http://www.koamtac.com/corpVis.html>. There is a patent pending in the UK as GB2492615.

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KOAMTAC® is a registered trademark and property of KOAMTAC, Inc.

KDCReader® is a registered trademark and property of KOAMTAC, Inc.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO ANY TYPE OF MOISTURE.
DO NOT LOOK DIRECTLY INTO LASER OR POINT THE LASER INTO ANOTHER PERSON'S EYES.
EXPOSURE TO THE BEAM MAY CAUSE EYE DAMAGE.

CAUTION:

Changes or modifications not expressly approved by the manufacturer must be responsible in compliance with KOAMTAC, Inc. Failure to comply may prohibit the user's authority to operate the equipment.

Revision History

Version	Date	Author	Remark
V1.00.00	Jul 03, 2026		1. Initial version

1. How to Pair the Device

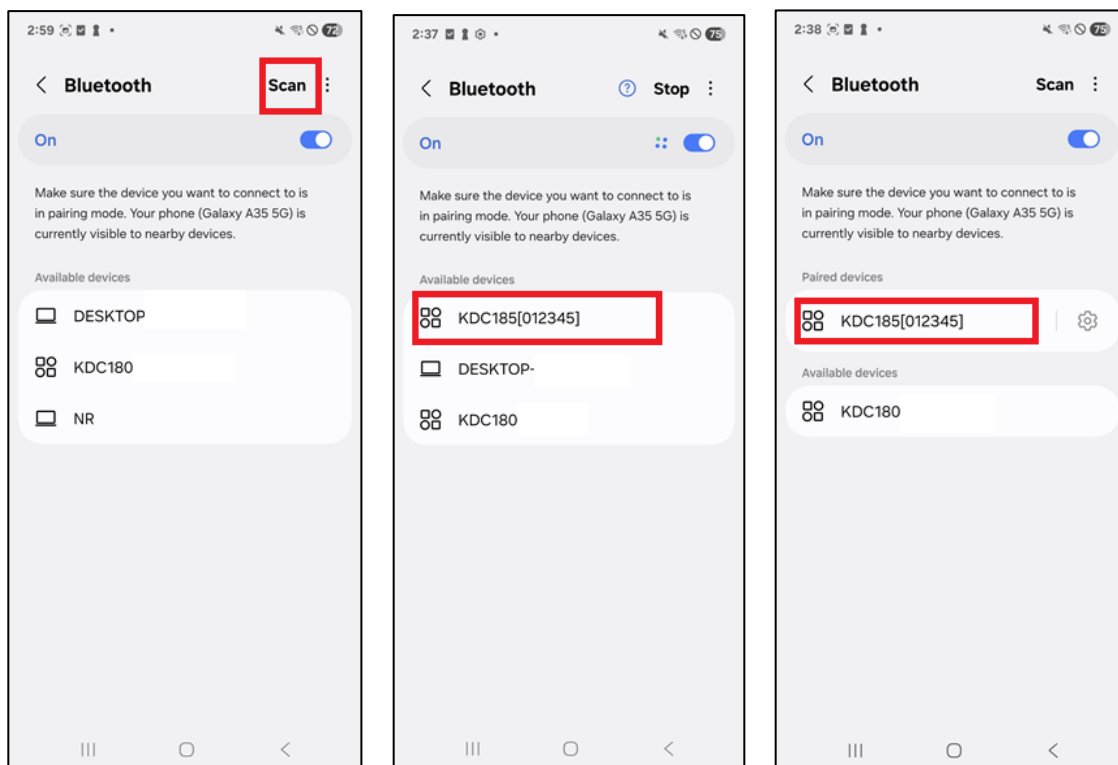
1.1. Prerequisites

1. Bluetooth must be turned on both the phone and the device.
2. The KDC Device supports BLE.
3. "SPP" and "Always Pairing" is enabled on the device.

1.2. Phone Settings

1.2.1. Android

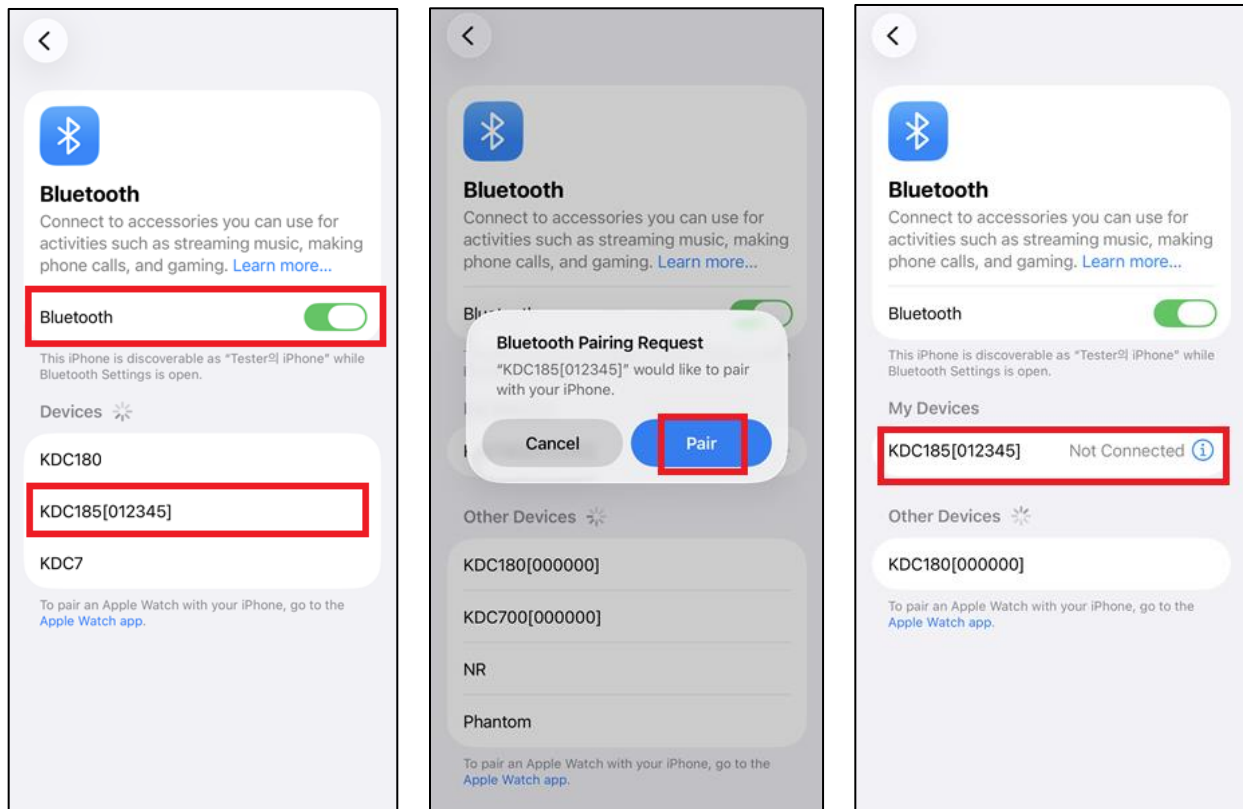
1. Go to "Setting" > "Connections" > "Bluetooth".
2. Click "Scan" Button.
3. If the target device shows up, select it to pair.
4. If the device is paired, it moves into "Paired devices".



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1.2.2. iOS

1. Go to "Setting" > "Bluetooth".
2. If the target device shows up, select it to pair.
3. If the device is paired, it moves into "My Devices".



***Note**

For a BLE connection on iOS, you may need to scan for the device even if it has already been paired.

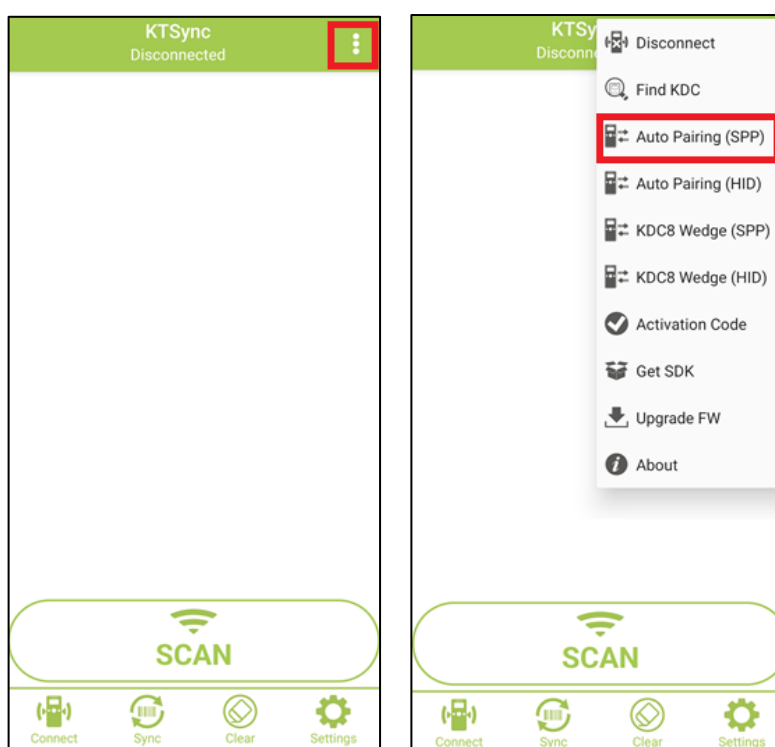
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1.3. Auto Pairing

You can also pair the device using the “Auto Pairing” feature in the KTSync application.

1.3.1. Android

1. Launch KTSync application.
2. Select option menu in the top-right corner.
3. Select “Auto Pairing (SPP)” menu.



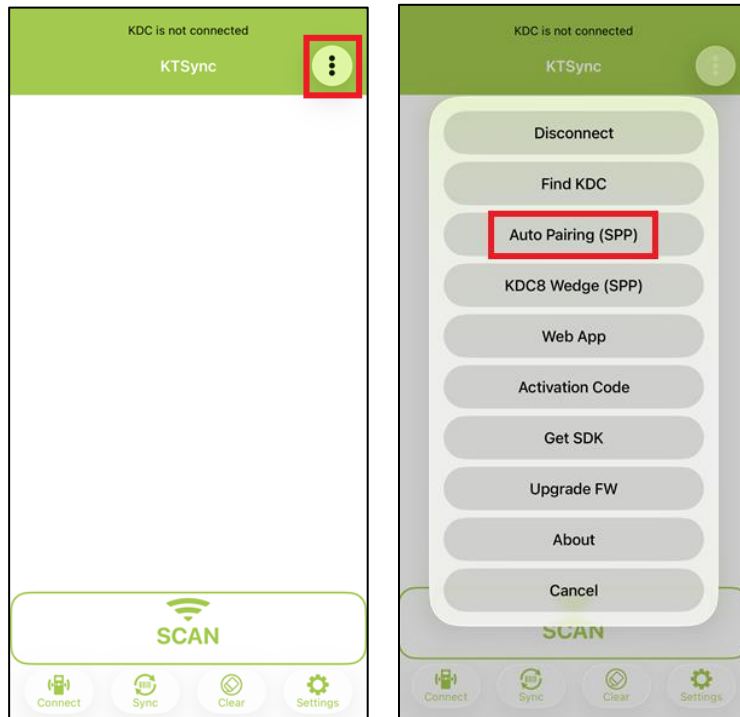
4. Scan the barcode on the screen using the KDC device.
5. After a short while, when the Bluetooth pairing request pop-up appears, select “Pair” button.



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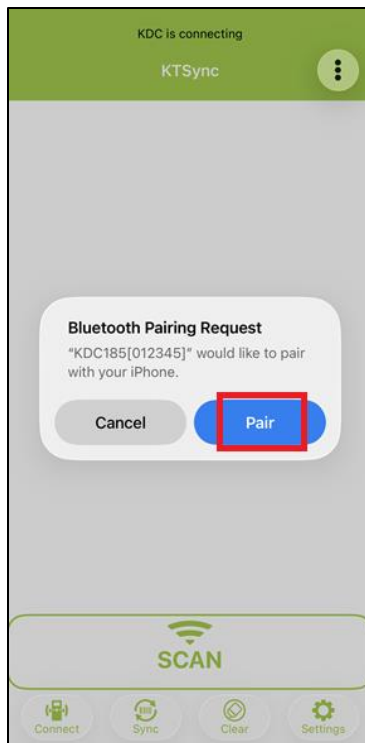
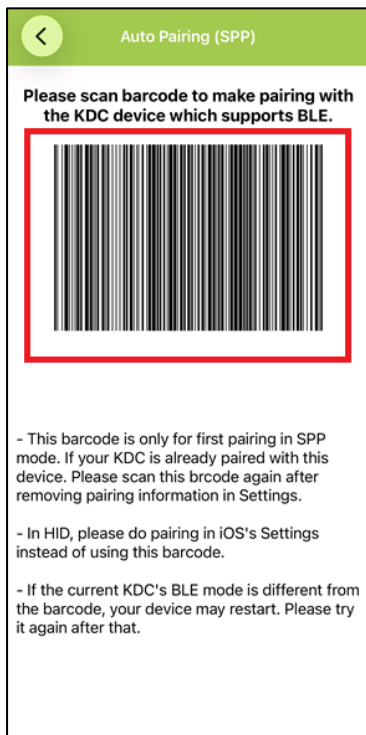
1.3.2. iOS

1. Launch KTSync application.
2. Select option menu in the top-right corner.
3. Select "Auto Pairing (SPP)" menu.



4. Scan the barcode on the screen using the KDC device.
5. Select "Pair" button, when the Bluetooth pairing request pop-up appears.

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2. How to Connect the device

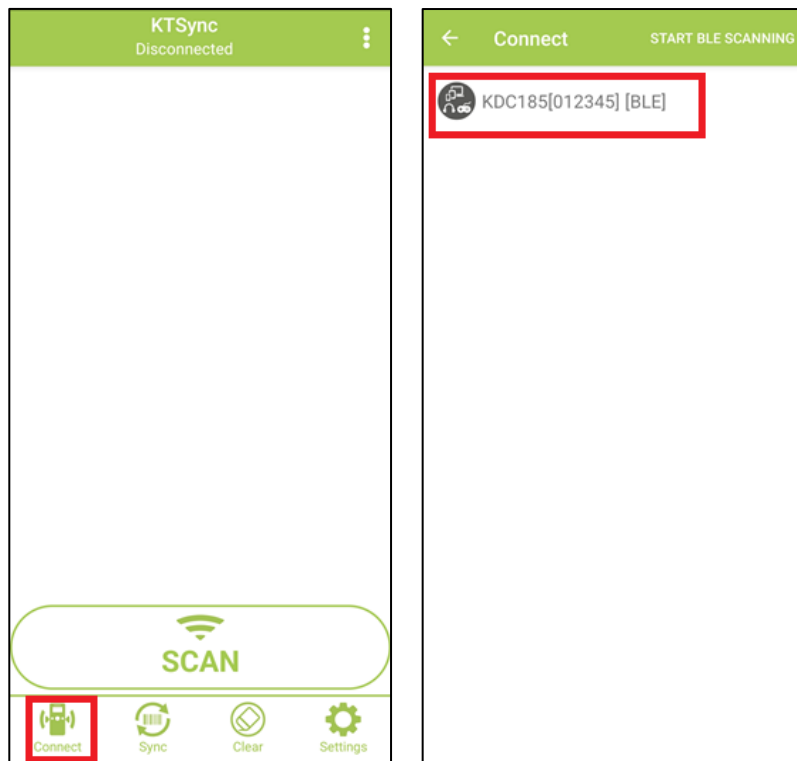
2.1. Prerequisites

1. Bluetooth must be turned on both the phone and the device.
2. The KDC Device supports BLE and requires pairing.
3. "SPP" and "Always Pairing" is enabled on the KDC device.

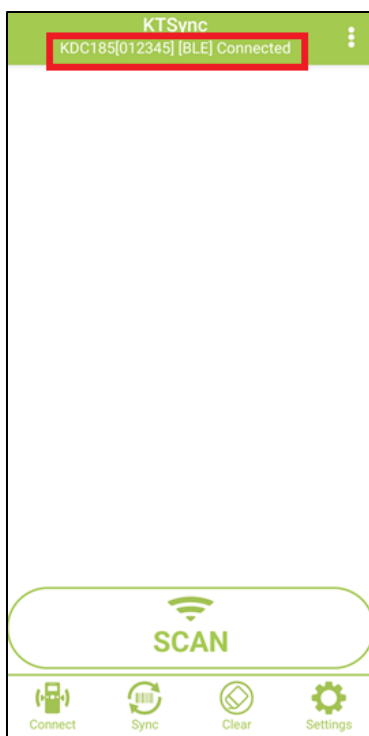
2.2. Device Connection

2.2.1. Android

1. Select "Connect" button at the bottom.
2. Select the device you want to connect to.



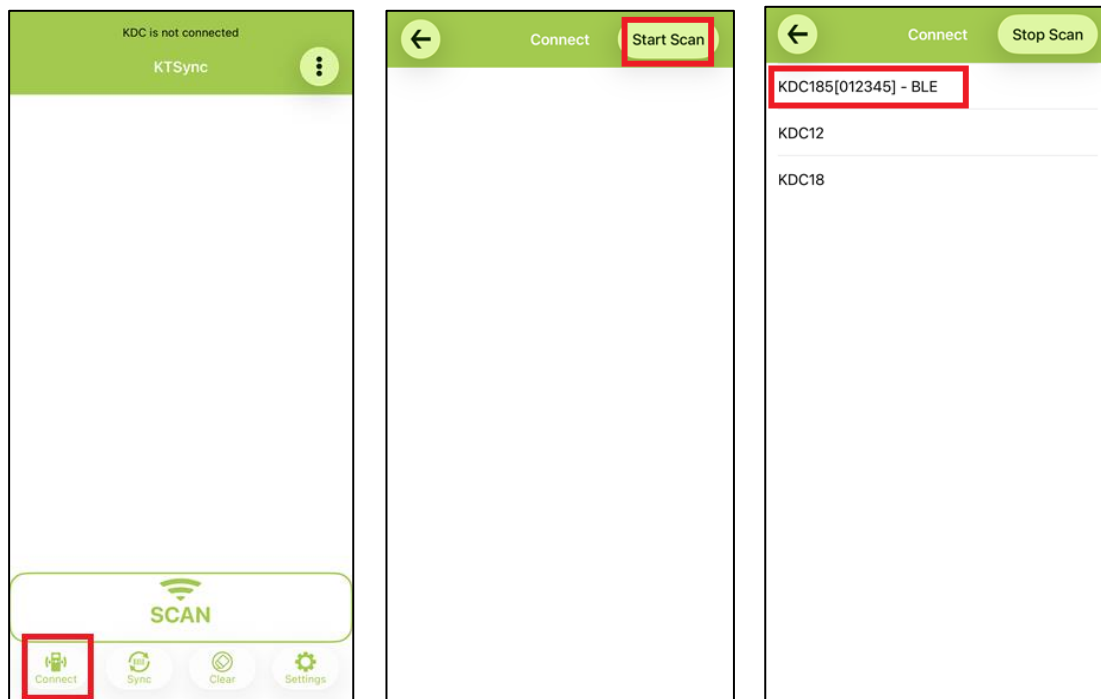
3. If the device is connected successfully, the device name appears and the status changes to "Connected."



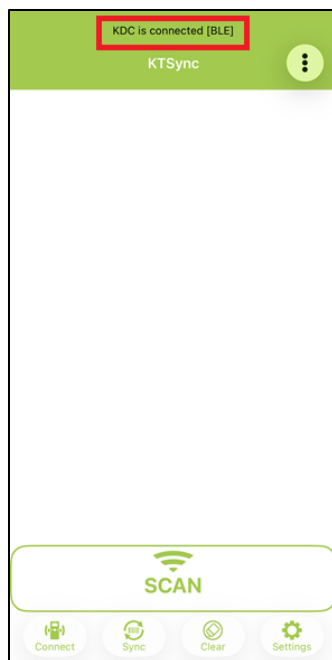
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2.2.2. iOS

1. Select "Connect" button at the bottom.
2. Select "Start Scan" to search for nearby BLE devices.
3. Select the device you want to connect to.

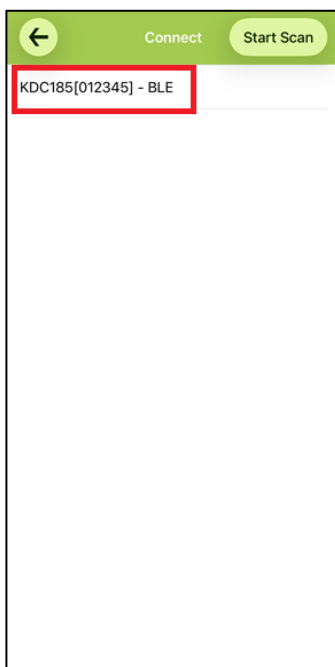


4. If the device is connected successfully, the status changes to "Connected."

***Note**

On iOS, the last successfully connected device is automatically displayed.

If the connection fails, it is removed.

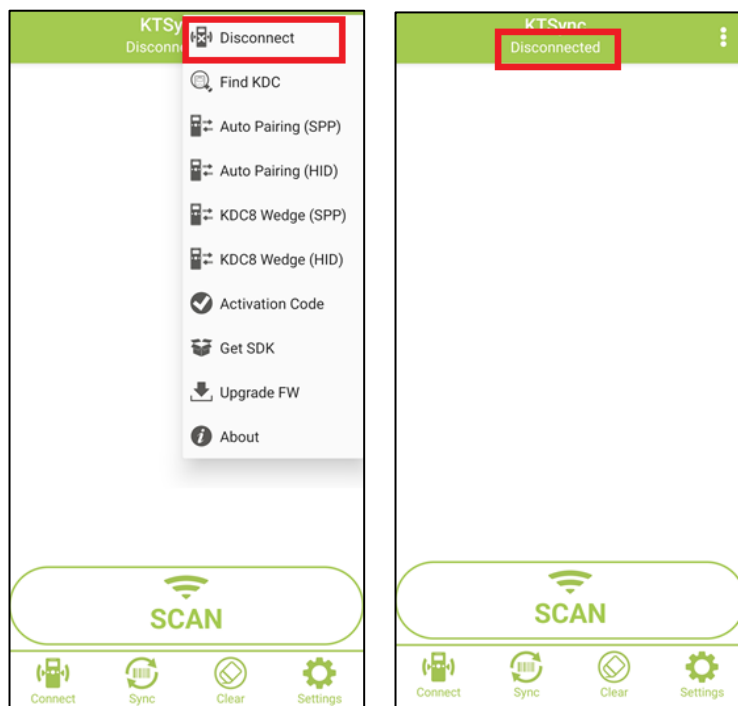


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2.3. Device Disconnection

2.3.1. Android

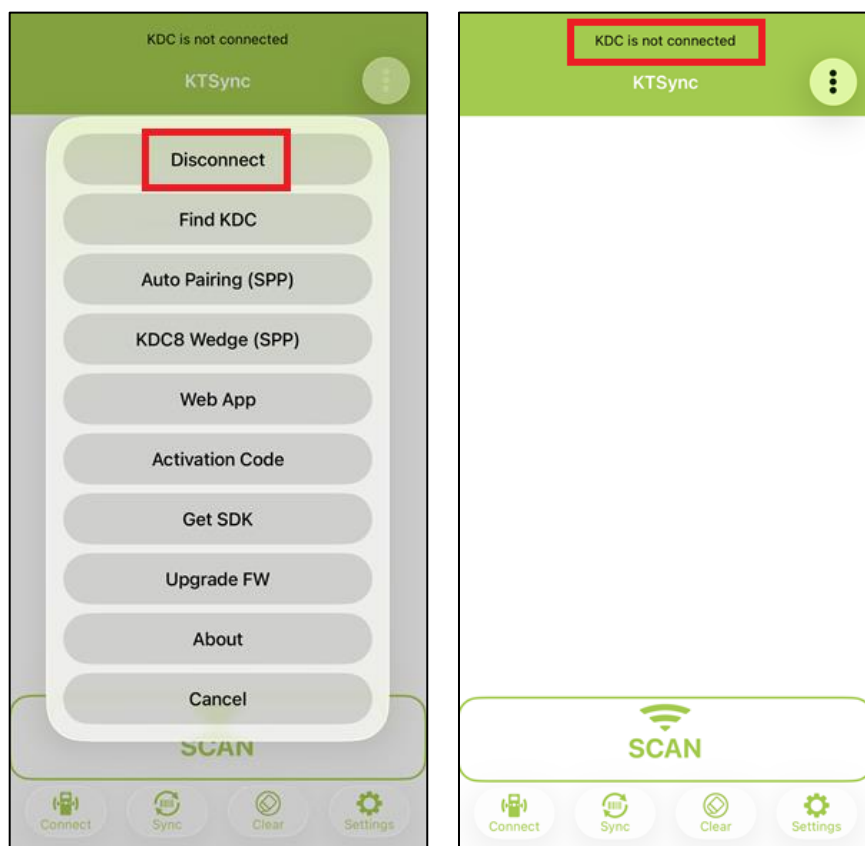
1. Select "Disconnect" in option menu in the top-right corner.
2. If the device is disconnected, the status changes to "Disconnected".



Basic usage guide for KTSync

2.3.2. iOS

1. Select "Disconnect" in option menu in the top-right corner.
2. If the device is disconnected, the status changes to "Not Connected".



3. How to Configure the Device

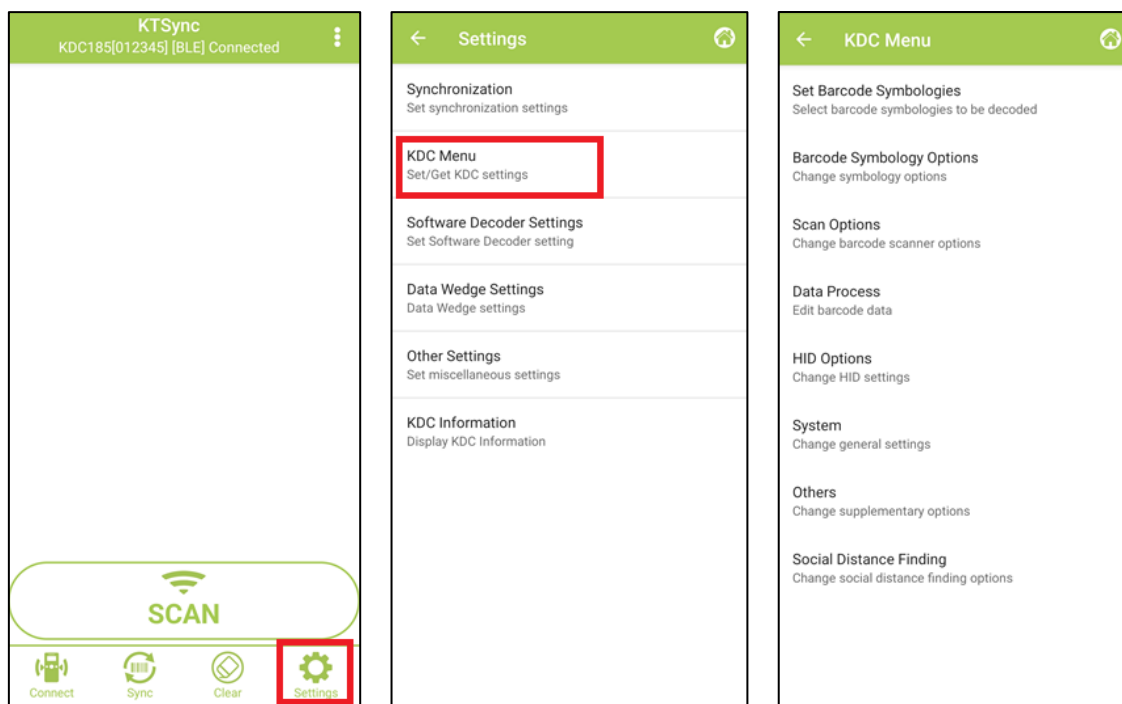
3.1. Prerequisites

1. The KDC Device must be connected.

3.2. Android

1. Select "Settings" at the bottom.
2. Select "KDC Menu"
3. The "KDC Menu" contains KDC configuration features supported by KTSync.

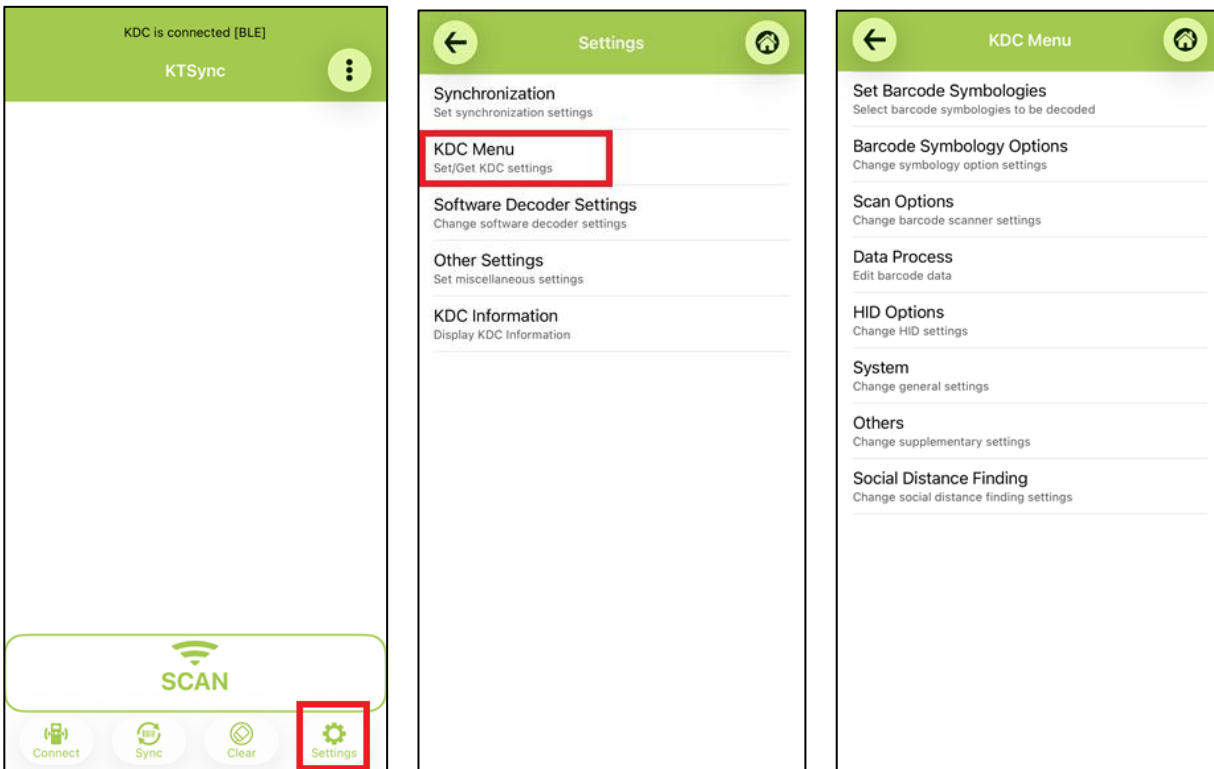
For example, you can configure readable barcode symbologies and system settings.



Basic usage guide for KTSync

3.3. iOS

1. Select "Settings" at the bottom.
2. Select "KDC Menu"
3. The "KDC Menu" contains KDC configuration features supported by KTSync.



***Note**

Please refer to the guide document for detailed descriptions of each setting.

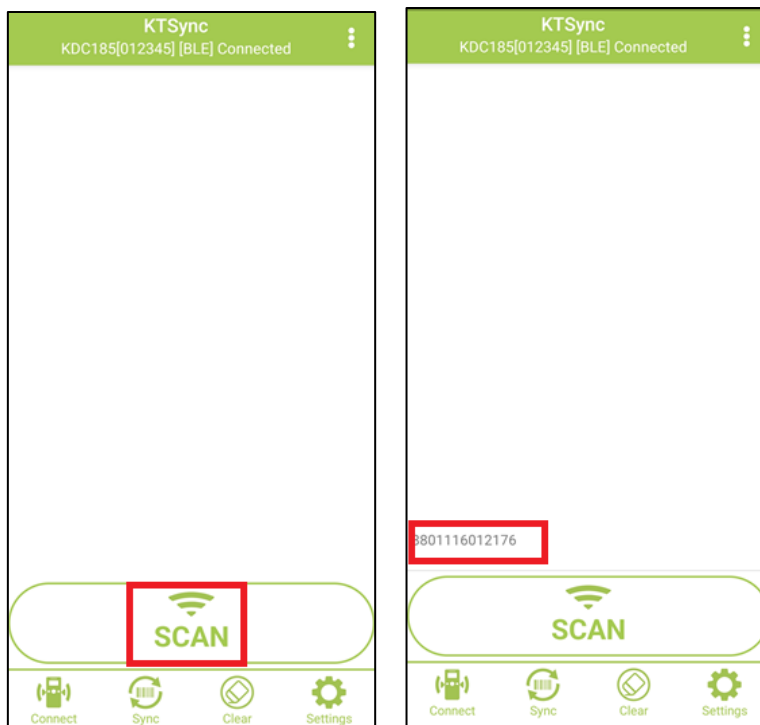
4. How to Scan Barcode

4.1. Prerequisites

1. The KDC Device must be connected.

4.2. Android

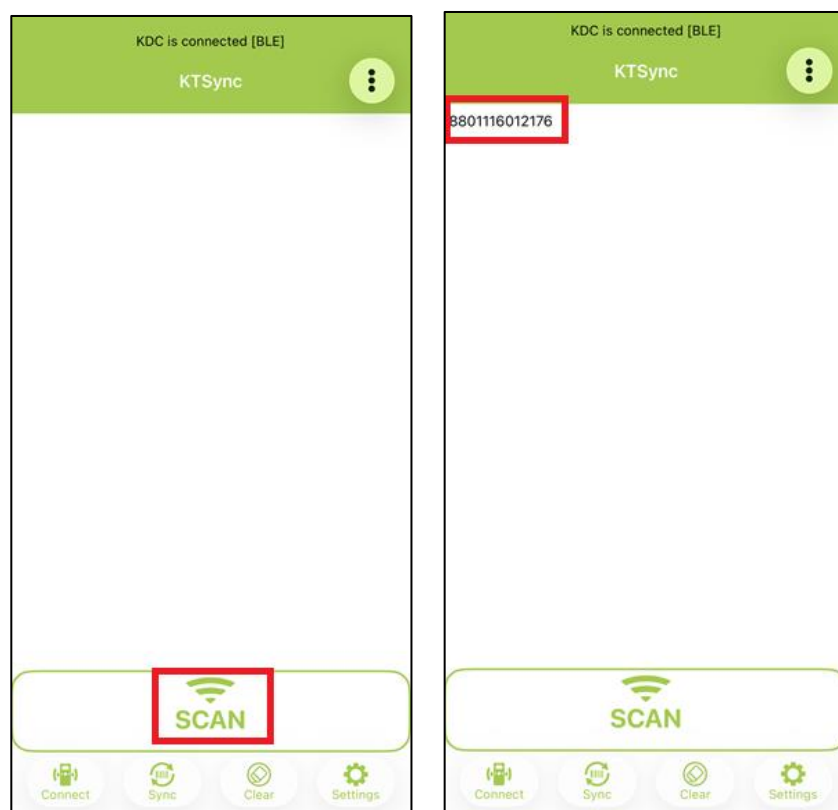
1. Press the KDC device's scan button.
2. Scan the barcode while the scanning beam is on.
3. Alternatively, use the Scan button at the bottom of the KTSync screen to scan the barcode.
4. If the KDC device is connected, scanned barcodes appear on the app screen.



Basic usage guide for KTSync

4.3. iOS

1. Press the KDC device's scan button.
2. Scan the barcode while the scanning beam is on.
3. Alternatively, use the Scan button at the bottom of the KTSync screen to scan the barcode.
4. If the KDC device is connected, scanned barcodes appear on the app screen



***Note**

1. If the Scanner setting in Software Decoder Settings is not set to "Hardware Only", the software decoder is used to scan barcodes instead of the KDC device.
2. The KDC device does not transmit data when its data process is set to "Store Only".

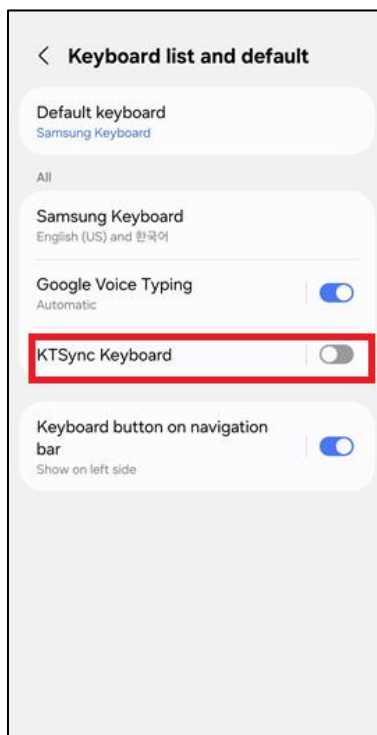
5. How to Use KTSync Keyboard

5.1. Prerequisites

1. The KDC Device must be connected via KTSync. If the connection is lost, it will not work.

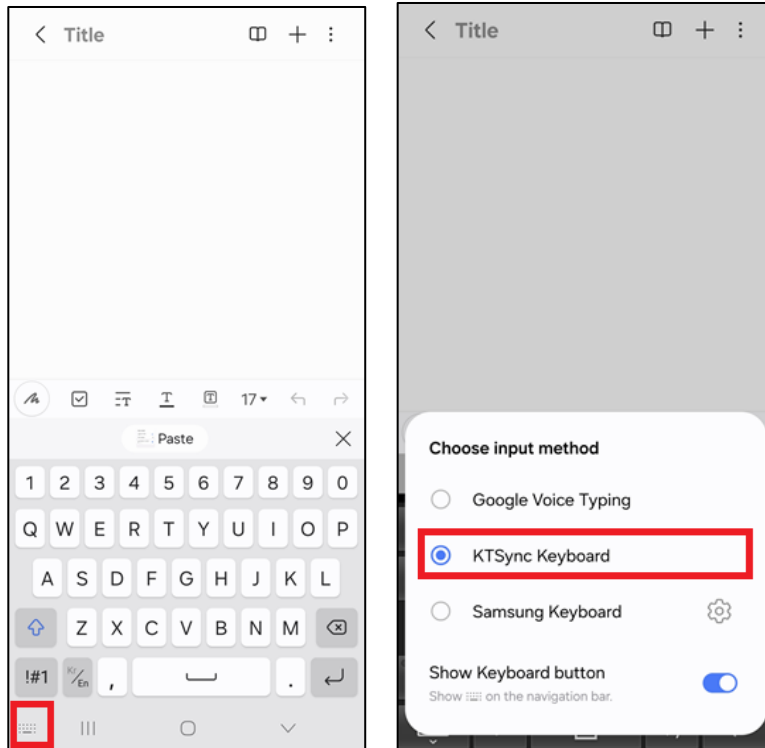
5.2. Android

1. Go to "Settings" > "General management" > "Keyboard list and default" on the phone.
2. Enable "KTSync Keyboard"

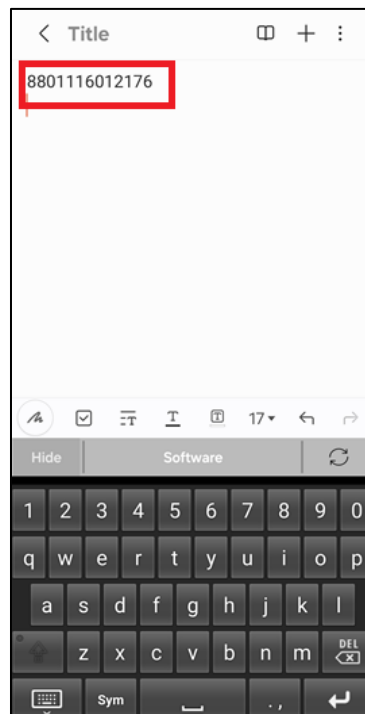


3. Use the keyboard change button to switch to the KTSync keyboard.

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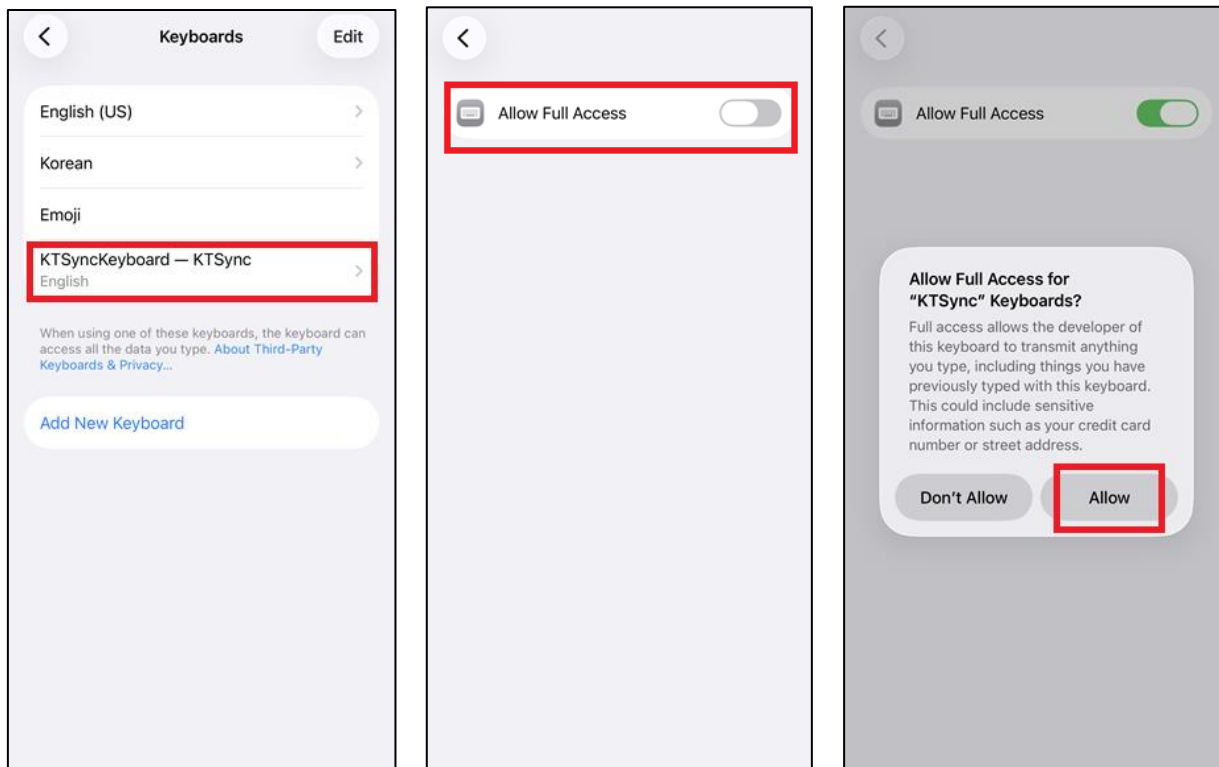
4. If the KDC device scans barcodes while the KTSync keyboard is active, they appear on the screen.



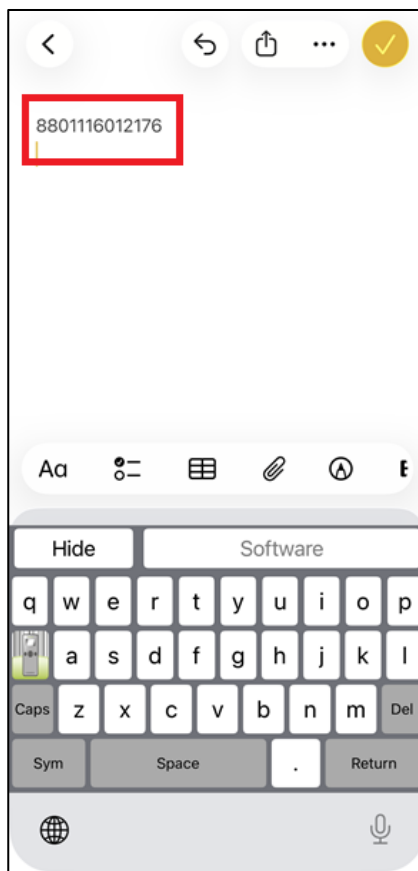
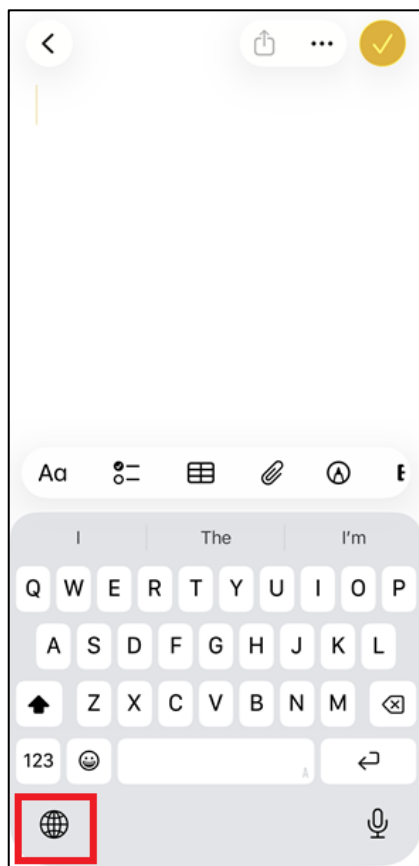
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5.3. iOS

1. Go to "Settings" > "General" > "Keyboard" on the phone.
2. Select "Keyboards" > "KTSync Keyboard"
3. Enable "Allow Full Access"



3. Switch the active keyboard to the KTSync keyboard.
4. If the KDC device scans barcodes while the KTSync keyboard is active, they appear on the screen.



6. How to Use KDC8

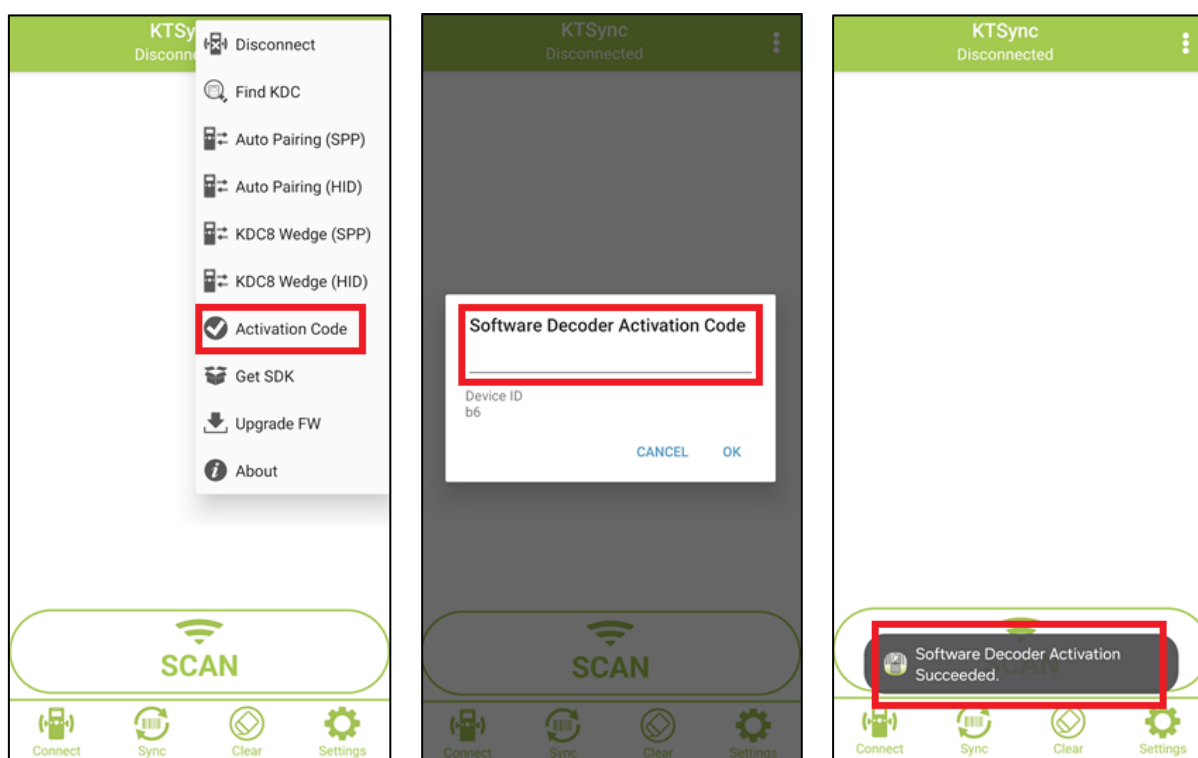
6.1. Prerequisites

1. You must obtain an activation code by contacting KOAMTAC.
2. The device must have network access.

6.2. KDC8 Activation

6.2.1. Android

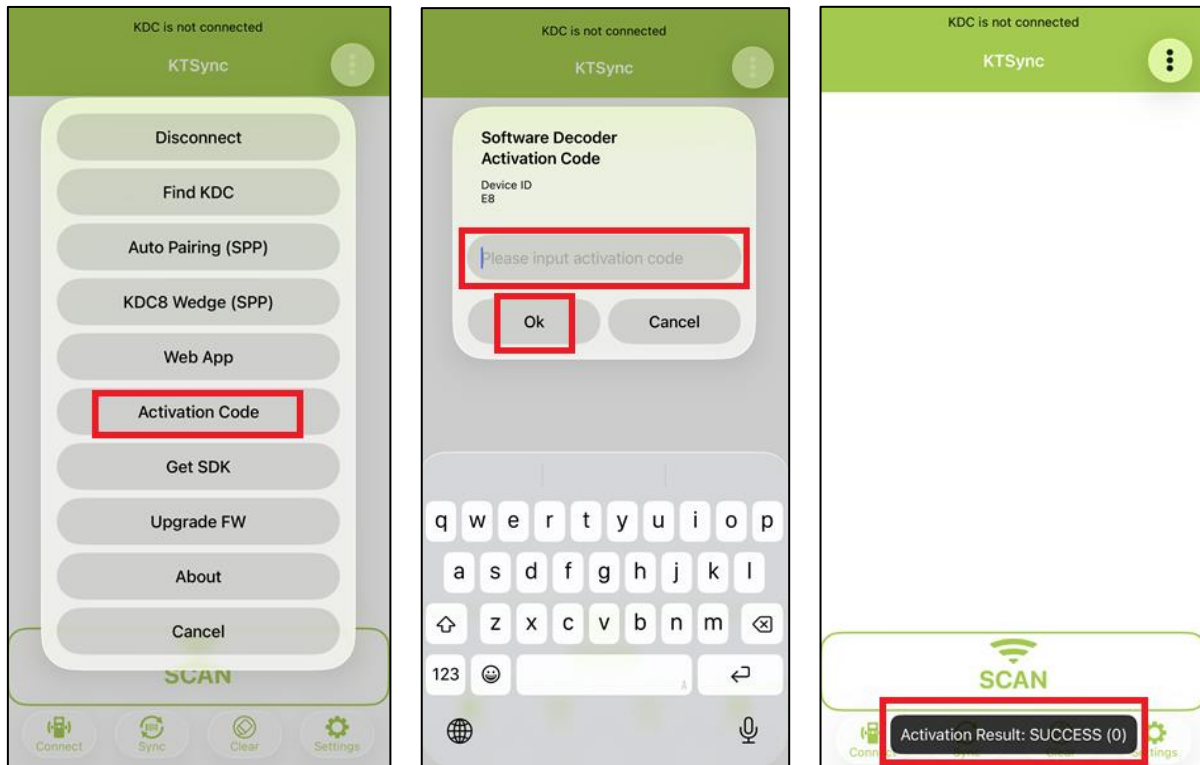
1. Select "Activation Code" in option menu in the top-right corner.
2. Input valid activation code and select "OK" button.
3. If the software decoder is activated successfully, A success notification pop-up is shown.



Basic usage guide for KTSync

6.2.2. iOS

1. Select "Activation Code" in option menu in the top-right corner.
2. Input valid activation code and select "OK" button.
3. If the software decoder is activated successfully, A success notification pop-up is shown.



***Note**

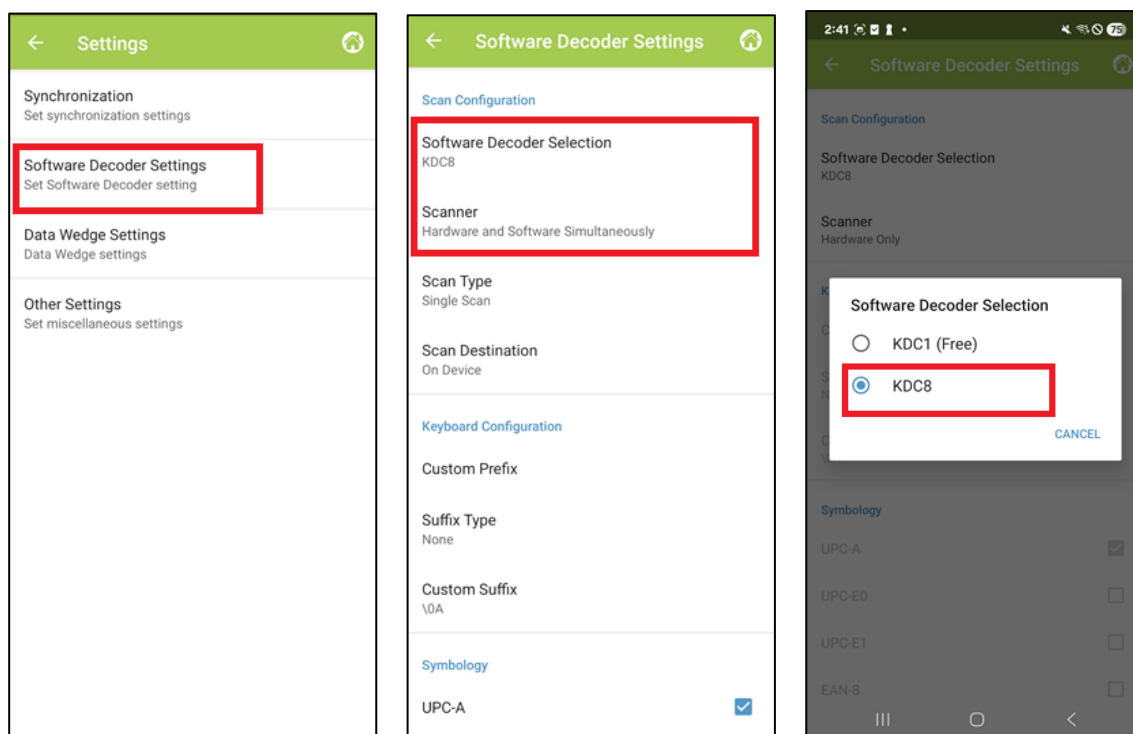
After entering the activation code, KTSync automatically attempts to activate the software decoder whenever it restarts.

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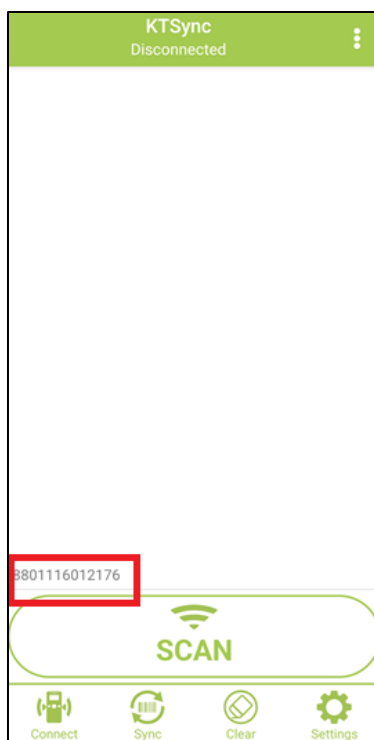
6.3. KDC8 Barcode Scanning

6.3.1. Android

1. You may need to change the "Scan Configuration".
2. Go to "Settings" > "Software Decoder Settings".
3. Select "KDC8" in "Software Decoder Selection"
4. Select "Software Only" or "Hardware and Software Simultaneously" in "Scanner"



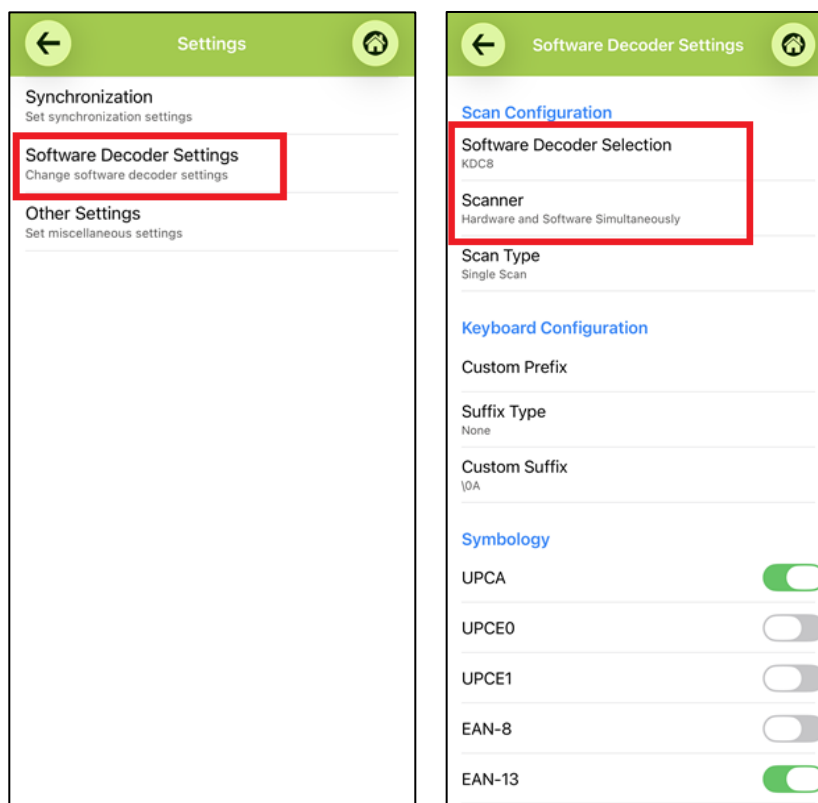
5. Then, you can use the software decoder to scan barcodes by tapping the Scan button at the bottom of the KTSync main screen.



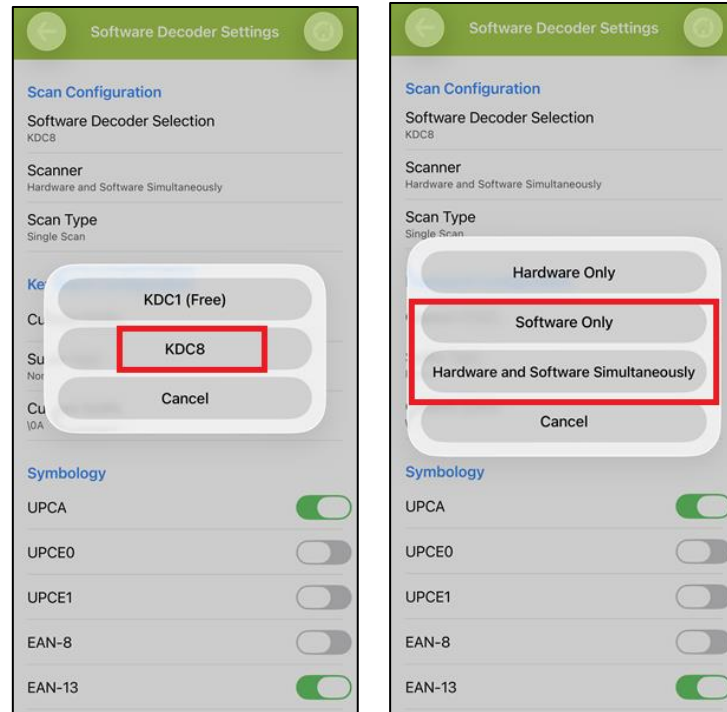
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6.3.2. iOS

1. You may need to change the "Scan Configuration".
2. Go to "Settings" > "Software Decoder Settings".
3. Select "KDC8" in "Software Decoder Selection"
4. Select "Software Only" or "Hardware and Software Simultaneously" in "Scanner"



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5. Then, you can use the software decoder to scan barcodes by tapping the Scan button at the bottom of the KTSync main screen



7. Troubleshooting

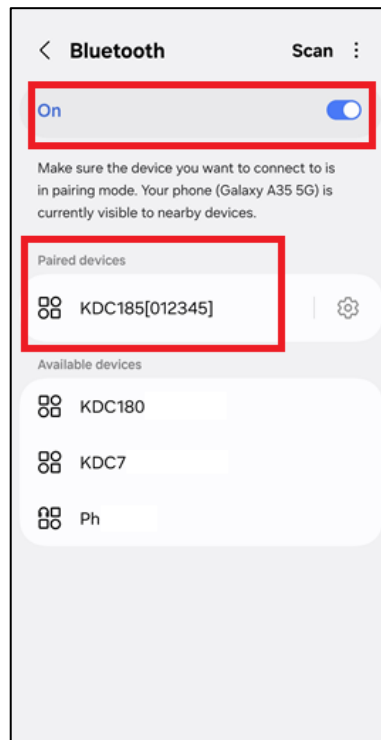
7.1. BLE Connection Issues

If the BLE (Bluetooth Low Energy) connection is not working properly:

- 1) Make sure that Bluetooth is turned on your phone.
- 2) Make sure that Bluetooth is enabled on the KDC device and that BLE advertising is active.
- 3) Make sure that the KDC device is paired.
- 4) Make sure that Bluetooth permissions are enabled.

7.1.1. Android

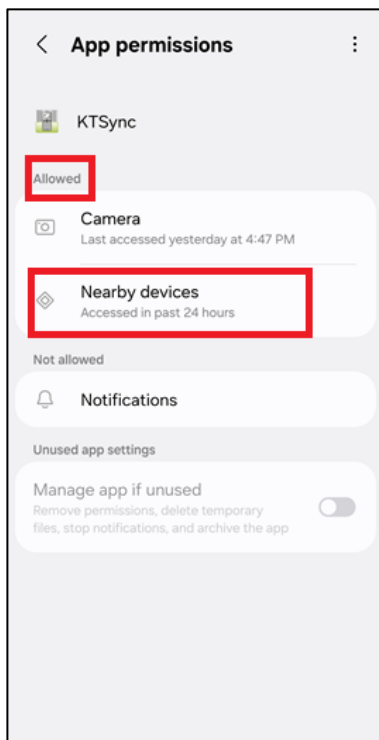
1. Go to "Setting" > "Connections" > "Bluetooth".
2. Make sure that Bluetooth is turned on and the KDC device is paired.



1. Go to "Setting" > "Apps", then find and select "KTSync".

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2. Make sure that all required Bluetooth permissions are granted.



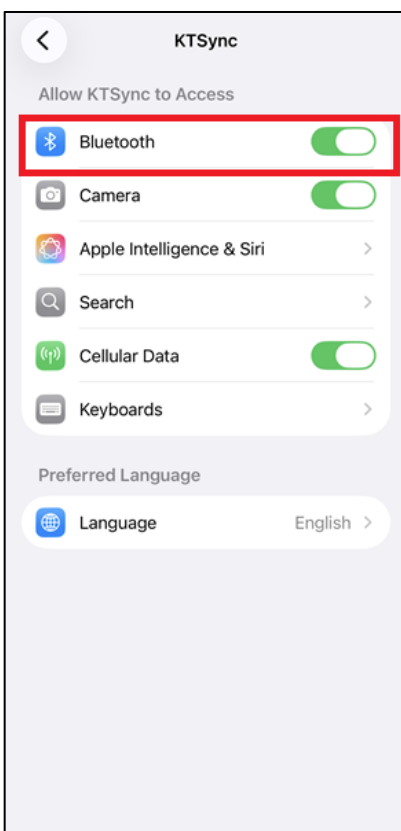
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7.1.2. iOS

1. Go to "Setting" > "Bluetooth".
2. Make sure that Bluetooth is turned on.



1. Go to "Setting" > "Apps", then find and select "KTSync".
2. Make sure that Bluetooth access is allowed.



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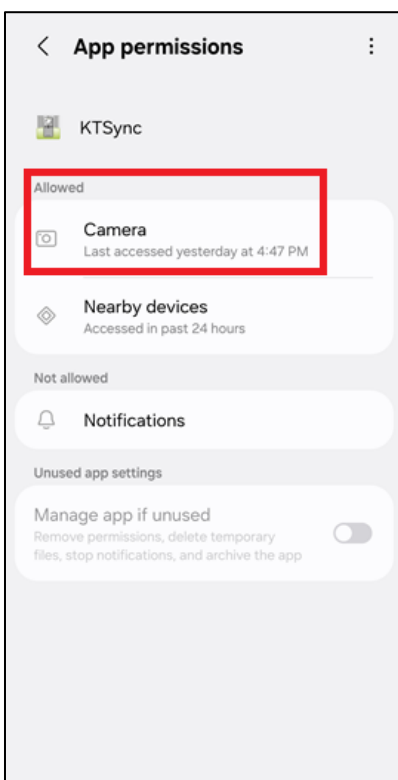
7.2. KDC8 Camera Issues

If the KDC8 camera is not working properly:

Please make sure that Camera permissions are enabled.

7.2.1. Android

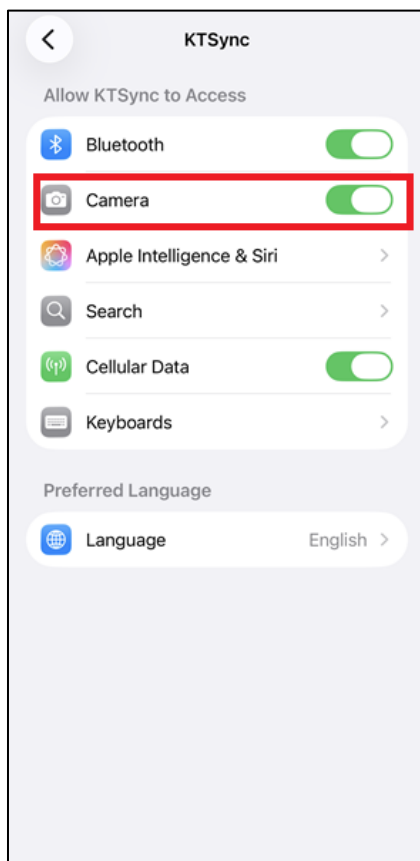
1. Go to "Setting" > "Apps", then find and select "KTSync".
2. Make sure that Camera permission is granted.



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7.2.2. iOS

1. Go to "Setting" > "Apps", then find and select "KTSync".
2. Make sure that Camera access is allowed.



8. Contact Information



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