

Ksparks CDI

Wi-Fi & Administrator Setup

End User Instruction Manual

1. Connect to the CDI

Connect your phone, tablet or laptop to the CDI Wi-Fi network. On a default unit the network name is **Ksparks_CDI**. Open a browser and enter **http://192.168.4.1**. Then open the Wi-Fi Configuration section.

WIFI CONFIGURATION

WiFi SSID (You can change this name - Recommended)

Ksparks_CDI

WiFi Password (You can change this password - Recommended)

IP Configuration

IP Address (You can change IP address - Recommended)

192.168.4.1

Gateway (You can change Gateway)

192.168.4.1

Current IP

192.168.4.1

Subnet Mask

255.255.255.0

MAC Address

E2:72:A1:D3:9D:DC

SAVE NETWORK SETTINGS

Admin Login (protects Settings, Maps & OTA)

Leave password blank to keep it unchanged. Change the default immediately after first setup.

Admin Username

admin

New Admin Password (min 8 characters, blank = no change)

Leave blank to keep current password

UPDATE ADMIN LOGIN

Figure 1 - Default Wi-Fi Configuration and Admin Login screen

2. Change the Wi-Fi SSID

The WiFi SSID is the name shown in the Wi-Fi list on your phone or computer. Changing it is recommended, especially when you have more than one CDI unit.

1. Replace Ksparks_CDI in the WiFi SSID box with a unique name.
2. A useful naming scheme is Ksparks_CDI_01, Ksparks_CDI_02, Ksparks_CDI_03, etc.
3. Avoid giving two nearby units the same SSID.

3. Change the Wi-Fi password

Enter the new password in the WiFi Password box. **Use at least 8 characters.**

Write the new password down before saving. After the network settings are saved, the device you are using may disconnect and you will need the new password to reconnect.

4. Set a unique IP address for multiple CDI units

The CDI's default IP is 192.168.4.1. If you have several CDI units, give each unit a different address so you can identify them easily. **Change only the last number and keep each unit's Gateway the same as its own IP address.**

CDI unit	IP Address	Gateway
Unit 1	192.168.4.1	192.168.4.1
Unit 2	192.168.4.2	192.168.4.2
Unit 3	192.168.4.3	192.168.4.3
Unit 4	192.168.4.4	192.168.4.4

Subnet Mask: Leave at 255.255.255.0.

Important: 192.168.4.1 is the CDI's address, not the laptop's address. A connected laptop/phone normally receives another address on the same network.

5. Save the network settings

Before saving, write down the new SSID, password and IP address.

Press SAVE NETWORK SETTINGS. The Wi-Fi connection may disconnect while the CDI applies the new settings. This is normal.

Reconnect to the new SSID with the new password. Then enter the new CDI IP in your browser. Example: if Unit 2 is 192.168.4.2, browse to <http://192.168.4.2>.

6. Change the Admin username and password

The Admin Login protects Settings, Maps and OTA. The default screen shows the username admin.

1. Enter your new name in Admin Username.
2. Enter a new password in New Admin Password. It must be at least 8 characters.
3. If the password box is left blank, the existing password is kept.
4. Press UPDATE ADMIN LOGIN.

5. Record the new username and password securely.

7. Recommended setup for several CDI units

Unit	Suggested SSID	Suggested IP
1	Ksparks_CDI_01	192.168.4.1
2	Ksparks_CDI_02	192.168.4.2
3	Ksparks_CDI_03	192.168.4.3

8. If you cannot reconnect

- Check that your phone/laptop is connected to the CDI SSID, not your normal home Wi-Fi.
- Use the new Wi-Fi password if you changed it.
- Enter the new CDI IP directly into the browser address bar.
- A warning saying 'No Internet' is normal: the CDI web interface is a local connection.
- If a Windows laptop retains an old/manual IPv4 address, set the Wi-Fi adapter to Obtain an IP address automatically (DHCP).

9. Record your settings

CDI / Vehicle ID	
Wi-Fi SSID	
Wi-Fi Password	
CDI IP Address	
Admin Username / Password	