

QC5100

HANDHELD COMPUTER



Quick Start Guide

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Introduction

Congratulations on your purchase of the Cummins QC5100 Handheld Computer for Automotive and Industrial vehicle and diesel-powered applications. It is our hope that this device will add value to your already valuable Cummins engine by giving you the ability to read engine and vehicle subsystem information quickly and conveniently.

The QUICKCHECK CE application communicates with the engine ECM (electronic control module) component, as well as other vehicle subsystem components that broadcast on the SAE J1939 or J1587 datalink(s).

The POWERSPEC CE application communicates with an engine ECM on the SAE J1939 or J1587 datalink(s). The POWERSPEC CE application is designed to work with late-model Cummins automotive engines (ISB, ISC, ISL, ISM, and ISX).

QC5100 Handheld Computer Kit, Part Number 4918718

Part Number	Description
4918715	QC5100 Handheld Computer
3165159	Datalink Cable (DB25F 9-pin Deutsch connector)
3165160	Datalink Cable (DB25F 6-pin Deutsch connector)
4918713	Storage Case
4918714	Custom QC5100 USB cable
4918716	AC Power Supply
4918717	QC5100 Software CD

Install the QC5100 PC Software

1. Insert the QC5100 Software CD into your CD ROM drive.
2. The installation software should start up automatically. If it does not, this means the auto-run functionality is not working properly. Find and run the installation file called: **QC5100 Application Suite Install.exe**. To manually run the installation process, click the **“Start”** button on the Windows task bar, and then click **“Run...”**, before clicking **“Browse...”**. Using the dropdown box labeled **“Look in:”**, click on the item that represents your PC’s CD-ROM drive. This should bring up the contents of the QC5100 Application Suite CD. Double-click the entry **“QC5100 Application Suite Install.exe”** and then click **“OK”**. This will start the installation process.
3. Follow the instructions on the screen.
4. When the installation program is ready, please start the application called SyncReports by clicking:
Start►All Programs►Cummins►QC5100 Application Suite►Launch SyncReports

5. This will launch the installation program for Microsoft® Active Sync, unless it was already installed, please follow the instructions on the screen. When the installation is complete, please connect your QC5100 device to your PC using the USB connector.
6. The PC will now automatically recognize the device as a USB serial device, but it still needs to install some drivers. Please follow the instructions on the screen and opt to automatically find and install drivers for the device.
7. After the drivers are installed, you are ready to synchronize the QC5100 device with the PC. Do this by simply disconnecting and then reconnecting the USB cable between the QC5100 device and the PC. This will automatically start the SyncReport application, which will handle the synchronization and possible updates of the QC5100 software.

If you encounter a problem, review the QC5100 USER’S MANUAL located on the QC5100 Software CD. If you still have a problem with the device, the Technical Support Center telephone number is located at the end of the Troubleshooting and Technical Support section of our USER’S MANUAL.

Battery Charging

The QC5100 Handheld Computer contains a non-removable Lithium Ion soft-pack cell with built-in protection circuitry. It has a battery life of approximately 10 hours (depending on usage). When connected to a PC via the USB cable, the battery will recharge in eight hours. If the AC power supply or vehicle power is used, the battery will recharge in four hours. The orange LED on the front of the unit will indicate when the unit is charging. The first time the device is connected to power, it will turn on immediately, then automatically initialize the software.

Register Today

Ensure that you receive the latest software upgrades for the QC5100 Handheld Computer. Register by mailing the registration card provided in your kit. Provide the unit’s serial number, your name, street address, phone number, and date of purchase. Be sure to visit <http://quickcheck.cummins.com> for product information and updates.

QuickReport Vehicle Management Software, Purchased Separately

QuickReport is an optional Windows-based software package that gives you the ability to report and analyze POWERSPEC data. It’s a great tool to impose speed limits and safety habits for improved fuel economy and driver safety. Increased driver awareness means reduced fuel costs, less wear and tear on the vehicle, and fewer complaints from the public. You can also ensure accuracy of driver logs by checking them against QuickReport.