

CPX-900 FAQ

Cables

Q: How long are the cables that come with CPX-900?

A: Standard cables are 4-feet. Optional 3-meter cables (~9.8feet) are also available. The longer cables are denoted by CPX model numbers that include “L” (e.g., CPX-900L)

Q: Are cables field replaceable?

A: Yes.

Printer

Q: Is the printer used in CPX-900 shared with other Midtronics products?

A: Yes, the same printer is used on the DSS-5000 platform.

Q: Is the printer field replaceable?

A: Yes, the printer itself can be removed and sent in for service as needed. This is done by unscrewing the 2 screws on the back of the CPX-900.

Q: What are the specs for the printer paper?

A: The paper is a 2-1/4" wide by 1-7/8" diameter thermal printer paper.

Powering the CPX-900

Q: What does CPX-900 use for power?

A: CPX-900 has 6 internal AA batteries which are accessible by unscrewing 1 screw in the middle of the battery door on the back. Normally, CPX-900 draws power from the battery under test (unless the voltage is too low).

Q: Does the dock (CPX-901) recharge the AA batteries?

A: No. The AA batteries used in CPX-900 are not rechargeable. The dock only provides power to the CPX-900 for overnight updates.

Powering the CPX-900

Q: How many tests can be run off the internal AA batteries?

A: The number of tests depends greatly on battery population and the voltage of the batteries being tested.

Q: What is the use of the internal AA batteries?

A: Wi-Fi, and to power the unit when the battery under test has a low voltage

CPX-901 (Dock)

Q: Does the dock (CPX-901) recharge the AA batteries?

A: No. The AA batteries used in CPX-900 are not rechargeable.

Q: Does the CPX-901 (dock) come with the CPX-900?

A: Yes, for Toyota units, the dock is an accessory which is included. It can also be purchased as a spare in case it is lost.

Q: How is the CPX-901 (dock) used?

A: The dock provides two functions: 1) power to the unit for receiving overnight updates and transmitting data; and 2) a storage “home”.

VIN Scan Options

Q: What options are available for VIN scanning?

A: Toyota units come with a laser barcode scanner built into the tool. There is also the option of manual entry.

Q: Where should I scan the VIN from?

A: Midtronics recommends to scan the door VIN plate as the first option.

Conductance Profiling™

Q: What is Conductance Profiling™

A: Conductance Profiling is a battery test to analyze the battery's reserve capacity capability, and is a part of the standard test procedure

Q: When does the Conductance Profiling™ test not run

A: The CPX-900 functions the same as DSS-5000. When the following conditions exist, a test will not be performed:

1. Voltage of battery under test is $\sim < 8.5V$
2. Excessive system noise
3. Battery fails

Accessories

Q: Does CPX-900 work with Bluetooth printers (such as DPP)?

A: No.

Q: Does CPX-900 support CVG-2?

A: No.

Warranty

Q: What is the standard warranty for CPX-900?

A: CPX-900 is warranted to be free of defects in materials and workmanship for a period of one (1) year from date of purchase.

Data Reporting

Q: Does CPX-900 support BMIS?

A: Yes.

Replacement Parts

Q: What replacement parts are available for the CPX-900?

Answer:

A401 – CPX-900 paper roll, 10 pk

A683 – CPX-900 replacement cable/clamp set, 10'

A684 – CPX-900 replacement cable/clamp set, 4'

CPX-901 – CPX-900 dock for automated overnight software updates



Advancing
Battery Management