Warranty

Cadex Electronics Inc. warrants your C5100B tester and its battery against defective materials and workmanship for one year from the original purchase date. Cables, clamps, and accessories are warranted against defective materials and workmanship for ninety days from the original purchase date. The warranty does not cover:

- Damage caused by abusive operation, negligence, accident, or improper installation.
- Damage caused by an attempted repair not authorized by Cadex.
- Cosmetic damage caused by normal wear and tear.
- Damage from external causes such as leakage spills, power fluctuations or failure, or inadequate packaging.
- If the product is without the appropriate model number, serial number, or safety markings.
- If the product is used for rental purposes.
- Changes or modifications to the equipment not expressly approved by Cadex Electronics Inc.

European Union: Disposal of Waste Electrical & Electronic Equipment (WEEE)

This symbol on the product and package indicates that this product must not be disposed with unsorted municipal waste. You are responsible for disposing of WEEE by handing it over to a designated collection point for disposal. The separate collection and recycling of waste equipment will help conserve natural resources and ensure that it is disposed of in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for disposal, please contact your local municipal office, waste disposal service, or where you purchased the product.
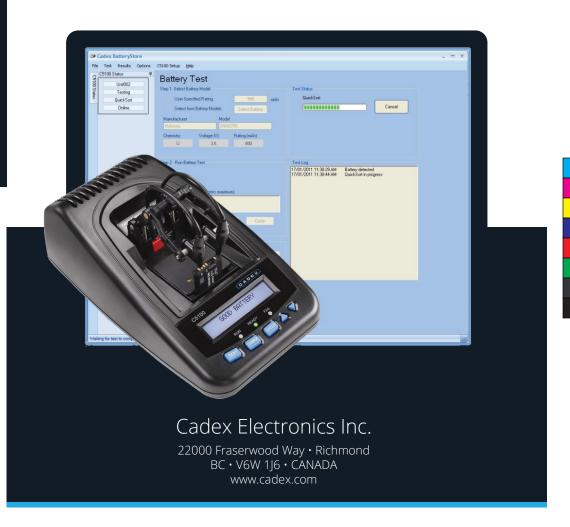
Radio Interference

This equipment generates, uses, and radiates radio frequency energy. If not installed and used in accordance with the instruction manual, it may cause interference with radio communications. It has been tested and found to comply with the limits for a Class "A" digital device pursuant to Subpart B of Part 15 of the FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area may cause interference, in which case the user, at their own expense, is required to take whatever measures needed to correct the interference.

EN55022 Warning: This is a Class A product according to EN55022. In a domestic environment, this product may cause radio interference, in which case the user, at their own expense, may be required to take adequate corrective measures.

C5100B Calibration not required

Part Number: 89-207-5089
PSMAN0119 REV**3**

C5100B/BatteryStore™
Quick Start Guide

Cadex Electronics Inc.

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C5100B Standalone

Setup

▶ Ensure no adapter is in the C5100B tester, if there is, remove prior to set up.
▶ Hold down the "**TEST**" key for 3 seconds.
▶ Select Target Capacity: **60, 70, 80, 90**. Use the arrow keys to select. Then press "**TEST**".
▶ Select Print Mode: **Default, Manual and Auto**.
(The TEST button operates as the devices Enter button.)

Perform TEST, CHARGE or CYCLE

▶ Insert Battery Adapter. Connect Battery to be tested.
▶ Use the arrow keys to select the nominal voltage as printed on the battery from the display: **(3.6/3.7, 3.8, 3.85)** and press "**TEST**" to enter.
▶ *Note: If the battery's nominal voltage is not displayed on the C5100B, select the next lower voltage available. For 3.6 volt batteries use 3.7 setting.*

▶ Use the arrow keys to select the Capacity (mAh) as printed on the battery from the display and press "**TEST**" to enter.
Note: If exact mAh is unavailable select the next lower available mAh.

TEST

Press the "**TEST**" key to begin.
TEST program will run QuickSort as soon as the "**TEST**" button is pressed.

CHARGE

Confirm Voltage. If the voltage is correct press "**TEST**" to enter.
Otherwise, adjust to the correct voltage with the up or down arrow key,
then press "**TEST**" to enter.

Confirm Capacity (mAh). If correct press "**TEST**" to confirm. Press "**TEST**" again to begin the test. Otherwise, adjust to the correct capacity using the Up or Down Arrow key. Press "**TEST**" to save changes. Then press "**TEST**" again to begin the test.

CYCLE

Confirm Voltage. If correct press "**TEST**" to enter. Otherwise, adjust to the correct voltage using the up or down arrow key. Press "**TEST**" to enter.

Confirm Capacity (mAh). If correct press "TEST" to confirm. Press "TEST" again to begin the test. If the Capacity is not correct, adjust to the correct capacity using the up or down arrow key. Press "TEST" to save changes. Then press "TEST" again to begin the test.

Boost Program (see user manual for details)

▶ Press and hold down any key for 3 seconds.
▶ Adjust to the correct voltage with the up or down arrow key and press "**TEST**" to enter.
▶ Adjust to the correct Capacity (mAh) with the up or down arrow key. Press "**TEST**" to save.
▶ Press the up arrow to confirm and Press "**TEST**" to begin the Boost program. Press the down arrow to escape.

C5100B BatteryStore™

BatteryStore™ companion software extends the functionality of your C5100B Battery Tester and allows access to our advanced QuickSort™ technology. In order to get started it is first necessary to download and install BatteryStore and user manual from the Cadex website subscription page.

Setup

▶ Click on "**C5100 Setup**":
Under C5100 System Setup, select the Target Capacity: **60, 70, 80, 90**, followed by "**Set**".

Perform Test, Charge or Cycle

▶ Insert Battery Adapter. Connect Battery to be tested.
▶ Under Step 1 Select Battery Model, Select either "**User Specified Rating**", or "**Select from Battery Models**".
▶ If selected "**User Specified Rating**":

> ▶ Enter the rating located on the battery (mAh)
>
> ▶ Select the exact or nearest Voltage available (**rounded down), from the Voltage (V) drop down: (**3.6/7, 3.8, 3.85, 7.2**).
>
> ▶ Under Rating (mAh) type in the battery rating, located on the battery (500 – 4000 mAh).
>
> *Note: "TEST" not supported on batteries greater that 4000 mAh*
>
> ▶ Under Step 2 Run Battery Test, select the appropriate program: "**Test**", "**Charge**" or "**Cycle**" *(Note: Once the selected program button is pressed, there is a 5-10 second delay before the test begins).*

▶ If selected "**Select from Battery Models**":

> ▶ Select "**Select Battery**". Then highlight the appropriate Battery and Model, followed by "**OK**".
>
> ▶ Under Step 2 Run Battery Test, select the appropriate program: "**Test**", "**Charge**" or "**Cycle**" *(Note: Once the selected program button is pressed, there is a 5-10 second delay before the test begins).*

Note: TEST button will be greyed out if the mAh is out of range
See User Manual found on the subscriptions page of the Cadex website for more information on programs and results.

View the Cadex C5100B video tutorial at: www.cadex.com/c5tutorials