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Keithley 2100
v1.05 Firmware Release Notes

Contents

General Information

Supported Models

This release note applies to the Keithley 2100 6 ½ Digit Multimeter.

Installation Instructions

Detailed instructions are included in Chapter 4 of the Model 2100 User's Manual (Document Number: 2100-900-01B). The manual is available on the Product Information CD that ships with the Model 2100 Multimeter and is also available for download from the Keithley website at http://www.keithley.com/support/data?asset=50760 . Alternatively, Keithley factory upgrades can be arranged by calling your local Keithley support office.

v1.05 Release

Overview

v1.05 was a maintenance release. It corrects one critical issue

Critical Fixes

ENG.
DISC.

Symptom:

Model 2100 with version 1.03 firmware does not accept zero calibration.

Resolution:

Update 2100 to accept zero calibration. Any unit with firmware version 1.03 will need to be updated to 1.05 prior to calibration.

Non-Critical Fixes

There were no non-critical fixes included in this release. See the Critical Fixes section for more information about release content.

Enhancements

There were no enhancements included in this release.

v1.04 Release

Overview
Internal working engineering release never formally released.

v1.03 Release

Overview

v1.03 was a maintenance release. It corrects several non-critical issues

Critical Fixes

There were no critical fixes included in this release. See the Non-critical Fixes section for more information about release content.

Non-Critical Fixes

ENG.
DISC.

Symptom:

When the user enters self-test from the front panel, the instrument generates Error +604.

Resolution:

The error is no longer generated when the 2100 performs a self-test.

ENG.
DISC.

Symptom:

When the user selects the FREQ function, the Model 2100 would generate Error +603.

Resolution:

The error is no longer generated when the 2100 performs a self-test.

ENG.
DISC.

Symptom:

The Model 2100 does not return to all default parameters upon receipt of "*RST".

Resolution:

The Model 2100 restores all power-on default functions and values upon receipt of "*RST".

Enhancements

There were no enhancements included in this release.

v1.02 Release

Overview

v1.02 was an internal release.

Critical Fixes

ENG.
DISC.

Symptom:

The Model 2100 does not correctly measure temperature in RTD mode when the actual temperature is less than 0 degrees.

Resolution:

The multimeter now correctly measures temperature below 0 degrees.

Non-Critical Fixes

ENG.
DISC.

Symptom:

Response to "*IDN?" does not follow Keithley format standard.

Resolution:

Response to "*IDN" query changed to "KEITHLEY INSTRUMENTS INC.,MODEL 2100 <system version>".

ENG.
DISC.

Symptom:

When measuring 4W ohms, the multimeter displays "OVLD" if the Sense HI and Sense LO terminals are connected in reverse with respect to the Input HI and Input LO terminals.

Resolution:

The multimeter will now correctly display a negative resistance value when the Sense HI and Sense Lo terminals are connected in reverse with respect to the Input HI and Input Lo terminals.

Enhancements

There were no enhancements included in this release.

v1.01 Release

Overview

This is the initial release, there are no critical problems to document in this version.