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Version B04 Firmware Release Notes

Contents

General Information	2
Supported models	2
Installation instructions	2
Upgrade considerations for 6487 models	2
Version B04 Release	3
Overview	3
Critical Fixes	3
Enhancements	3
Non-critical Fixes	3
Known Issues	3
Version B03 Release	4
Overview	4
B02 Release	5
Overview	5
Critical Fixes	5
Noncritical Fixes	5
Enhancements	5
Known Issues	5
B01 Release	6
Overview	6
A07 Release	7
Overview	7
Critical Fixes	7
Noncritical Fixes	7
Enhancements	7
Known Issues	7

General Information

Supported models

CAUTION Do not install this firmware version B04 on Model 6487 instruments that originally had any of firmware versions A01 through A07 on it.

Version Bxx firmware (e.g. B04) is not compatible with instruments that have version Axx (e.g. A07) firmware installed on them.

Similarly, version Axx firmware is not compatible with instruments that have version Bxx firmware installed on them.

This firmware is intended for use on the following Keithley Instruments product models:

6487

Installation instructions

To aid in installation, the Flash Wizard software and Firmware file are bundled together as one file. This bundled package is located on the Keithley website at www.tek.com. Search for Firmware by Model 6487 under the support tab.

Upgrade considerations for 6487 models

Firmware version B04 should not be used to upgrade any instrument that originally had any of firmware versions A01 through A07 on it. It should only be used to upgrade a model 6487 instrument that originally had version B02 firmware on it or to reinstall B04 on a model 6487 instrument that had B04 firmware on it. B01 and B03 firmware versions were never released so should not currently be on any model 6487 instruments. Instruments currently with any of versions A01 through A07 should not be upgraded to version B04. This covers all of the released firmware for model 6487.

Version B04 Release

Overview

The B04 release is a maintenance release to fix the two issues listed below. Upgrading should only be done from firmware version B02.

Critical Fixes

PR58202 **Models Affected:**

6487

Symptom:

Sending 2 SCPI commands on the same line can have undesired results

Resolution:

The issue has been resolved.

PR61321 **Models Affected:**

6487

Symptom:

DISP:ENAB OFF generates error +853

Resolution:

The issue has been resolved.

Enhancements

There are no enhancements in the B04 release.

Non-critical Fixes

There are no non-critical fixes in the B04 release.

Known Issues

There are no known issues with the B04 release.

Version B03 Release

Overview

B03 was an internal release.

B02 Release

Overview

The B02 release was made to support hardware changes relating to the A/D chip obsolescence. No fixes or enhancements were made, and upgrading from previous versions is not recommended.

Critical Fixes

There were no critical fixes included in this release.

Noncritical Fixes

There were no noncritical fixes included in this release.

Enhancements

There were no enhancements included in this release.

Known Issues

There were no known issues included in this release.

B01 Release

Overview

The B01 firmware was never released.

A07 Release

Overview

Upgrade is available for those who wish to have the latest firmware enhancements and fixes installed on their instrument. Upgrade from A01 through A06 to A07 as needed to address any specific problems listed below.

Critical Fixes

PR39595

Symptom:

Intermittent GPIB operation in DDC language mode.

Resolution:

The error no longer occurs

Noncritical Fixes

There were no noncritical fixes included in this release.

Enhancements

There were no enhancements included in this release.

Known Issues

There were no known issues included in this release.