



E4980A/E4980AL Precision LCR Meter Firmware Revision History

Rev. 20180822

Note:

The purpose of this document is to provide an overview of important changes that could affect a majority of customers. If you have any concerns about a specific issue, contact your local Keysight representative.

Firmware for Win-CE/P0600

Revision B.xx.xx can be installed onto the E4980A/E4980AL with Win-CE/P0600 only.

Revision B.07.05 ... Released Aug. 2018

1. Fixed bug on OVERLOAD when impedance range is set to "AUTO"

Revision B.07.04 ... Released May. 2018

1. Changed exponential digit of output data format from 3 to 2
2. Added a command to select 2 or 3 for exponential digit of output data format

Revision B.07.02 ... Released Mar. 2018

1. Support both old and new SDRAM/NAND on P0600

Revision B.07.01 ... Released Dec. 2017

1. Supports the E4980A/E4980AL with Win-CE/P0600
2. Fixed bug of Serial Output enabled setting
3. Changed exponential digit of output data format from 2 to 3
4. Added a command to select Keysight Technologies or Agilent Technologies while reading manufacturer name in the product information via IDN?

Firmware for VxWorks/P1000

Revision A.xx.xx can be installed onto the E4980A/E4980AL with VxWorks/P1000 only.

< For new LCD/FPGA >

Revision A.06.17 ... Released Aug. 2018

1. For FW A.06.15
2. Fixed bug on OVERLOAD when impedance range is set to "AUTO"

Revision A.06.15 ... Released Mar. 2016

1. For FW A.06.13
2. Fixed Turn ON error due to DSP response

Revision A.06.13 ... Released Sep. 2015

1. For FW A.06.11
2. Fixed minor security hole in VxWorks

Revision A.06.11 ... Released Apr. 2015

1. Initial for A.06.11

2. Support new LCD/FPGA

< For old LCD/FPGA >

Revision A.06.16 ... Released Aug. 2018

1. For FW A.06.12
2. Fixed bug on OVERLOAD when impedance range is set to "AUTO"

Revision A.06.12 ... Released Sep. 2015

1. For FW A.06.10 or below
2. Fixed minor security hole in VxWorks

Revision A.06.10 ... Released Apr. 2015

1. For FW A.05.00 or below
2. Support old LCD/FPGA

Revision A.05.00 ... Released Nov. 2014

1. Support E4980AL option 102/052/032

Revision A.04.00 ... Released Sep. 2014

1. Rebranding to Keysight
 - a. Company name and its logo
 - b. Manufacturer name in the product information via IDN? changed to Keysight Technologies from Agilent Technologies

Revision A.03.00 ... Released Jun. 2013

1. Added new options (Opt.030/050/100/200)
2. Fixed bug on entering "-" manually

Revision A.02.21 ... Released Aug. 2011

1. Fixed bug on LAN Socket.

Revision A.02.20 ... Released Jul. 2009

1. Fixed bug on I/O error through device side USB control.

Note: For MY46204137 and above, the firmware revision 2.20 and later can only be installed. Do NOT attempt to install the older firmware revisions.

Revision A.02.13 ... Released Nov. 2007

1. Fixed bug on signal output during Step Delay time in L-Rdc measurement mode (Opt 001).

Revision A.02.12 ... Released Aug. 2007

1. Corrected DC Bias current setting resolution on Option 002 (40 A configuration).
2. Fixed bug on INDEX/EOM output at Open/Short/Load correction.
3. Fixed bug with INDEX/EOM output on Scanner Interface (Opt. 301).

Revision A.02.10 ... Released Apr. 2007

1. Added function for selecting DC Bias Range (Auto On/Off).
2. Fixed open correction issue.

Revision A.02.00 ... Released Nov. 2006

1. Added functions for LXI class C.
2. Fixed DNS server issue.
3. Fixed DHCP server issue.

Revision A.01.05 ... Released Aug. 2006

1. Fixed OPE/SHORT correction issue.

Revision A.01.04 ... Released Jul. 2006

1. Fixed LIST:STM:TYPE command issue.
2. Fixed recall function issue.

Revision A.01.03 ... Released Jun. 2006

1. Added avoidance routine for "boot fail".

Revision A.01.02 ... Released Jun. 2006

1. Changed DC bias list sweep sequence.
2. Changed OPC? Command specification.

Revision A.01.01 ... Released Apr. 2006

1. Changed Handle I/F output specification when "Fixture cover open" message is displayed.

Revision A.01.00 ... Released Mar. 2006

1. Initial Release.