

# Agilent Truevolt 34460A 6 ½ Digit Multimeter Agilent Truevolt 34461A 6 ½ Digit Multimeter

## Firmware Update 1.10 Release Notes

34460A/34461A firmware revision 1.10 is the second posted firmware **update** since instrument introduction. The following sections contain information on enhancements and changes made in revisions 1.09 and 1.10.

### Revision 1.10 Enhancements and Changes

1. Adjusted the limits within the AC Offset self-test that were set incorrectly. This could cause the 34460A/34461A to report the self-test had failed when the instrument was functioning within specification.

### Revision 1.09 Enhancements and Changes

1. Reduces DMM boot time from ~ 50 seconds to < 30 seconds.

2. Adds a query which returns the DMM power on duration since the last power cycle. This is accessed from the front panel by pressing:

Shift → Utility → Test/Admin → Calibrate → Show Uptime

or by sending the command: SYSTem:UPTime?

3. Adds the ability to turn off the key “click” when a front panel key is pressed. This is accessed from the front panel by pressing:

Shift → Utility → System Setup → User Settings → Sounds → Key Click (Off/On)

or by sending the command:

SYSTem:CLICk:STATe (OFF/ON)

4. Now displays the current level associated with diode measurements.



5. Resolved a defect such that a wildcard (\*) used with MMEM: or MMEM:DEL now operates in the same manner.
6. Resolved a defect such that sending a Device Clear while \*TST? or TEST:ALL? is in progress no longer locks up the instrument.
7. Resolved a defect such that sending a Device Clear while a self-test in progress no longer causes -310, "System error" and/or self-test failed errors.
8. Modified the message regarding changes to the DMM's LAN Services to avoid confusion. For new service settings to take effect, press:  
  
Done → Apply Changes  
  
and then cycle power.
9. Resolved a defect such that DISPLAY:VIEW TCHart will now display data independent of the CALCulate:AVERage:STATe setting.
10. Resolved a defect such that DATA:REMove? No longer intermittently generates -230, "Data corrupt or stale" errors when sufficient readings are available.
11. Resolved a defect such that selecting Default Preferences from the front panel:  
  
Shift → Utility → Store/Recall → Set to Defaults → Default Pref  
  
now sets the default 'Easy File Access' setting (OFF).