
Release Notes

This document applies to the 1741C Analog Dual-Standard Waveform Monitors with software version 1.1.5 or greater.

Known Issues and Behaviors

The following topics describe known issues and behaviors of the analog waveform monitor. Topics are listed in alphabetical order.

Achieving Best Accuracy in Signal Comparisons

To achieve the greatest accuracy when comparing sources (such as when camera matching or device acceptance testing), connect the reference source to Input A and the source to be matched to Input B.

Calibration Screen

On some units, the calibration screen might not be displayed after selecting CONFIG > Utilities > Calibration. If this occurs, press the STATUS button to display the calibration screen.

Display (After Power-on Diagnostic)

If no display is visible after normal completion of the power-on diagnostic, it might be due to a corrupted power-on preset. To recover the display, remove power. Next, press and hold the MAG button while power is reapplied and until the MAG button light goes out. This causes the power-on preset to return to the Factory preset. Once boot-up is complete and normal operation is restored, press and hold the power button to save the current state as the LATEST preset.

Display Distortion

The audio phase display is optimized for a 4 x 3 monitor. When you use an external 16 x 9 XGA monitor, the X-Y axes of the audio phase display are not 90 degrees apart and the waveform is stretched somewhat horizontally.

External Reference

Sometimes loss of the External Reference signal does not make the resulting loss of lock obvious. For example, if a 525 input has EXT REF selected and configured to lock to an NTSC reference, removing the external reference signal leaves the waveform stable, but shifted on the screen.

The following External Reference signal formats are not fully supported when in Line Select mode or in Sweep MAG mode. Although not supported, the following formats may be somewhat functional and are not locked out: NTSC and PAL with tri-level input, and 720p 23.98, 1080sf 29.97, 720p 24, 1080sf 30, 720p 25, and 1080sf 25.

PAL Field and Line Identification

PAL line select numbering and even/odd field identification are incorrect.



- Sweep** The waveform style must be set to Overlay to get 2-line sweep or 2-field sweep.
- Sweep MAG** When in 2-line mode, the monitor displays invalid waveform information at the left and/or right side of the screen (beginning and/or end of sweep) when Sweep MAG is on.
- USB** If there are more than 32 files saved in a Capture or Presets directory on the USB memory device, you can only view the first 32 files.
- Vector** In Multi mode, when inputs are turned off, the vector trace may become distorted. A change from Full to 4-Tile will redraw the display correctly.
- Web Browser** The Web browser applet will not resize when running in some versions of the Netscape browser and in some non-Windows Operating Systems (for example, Solaris).
Use Java Runtime Engine (JRE) version 1.6 or issues may occur.