

NewScope-8 LCD Replacement Kit

BITMAP FONT

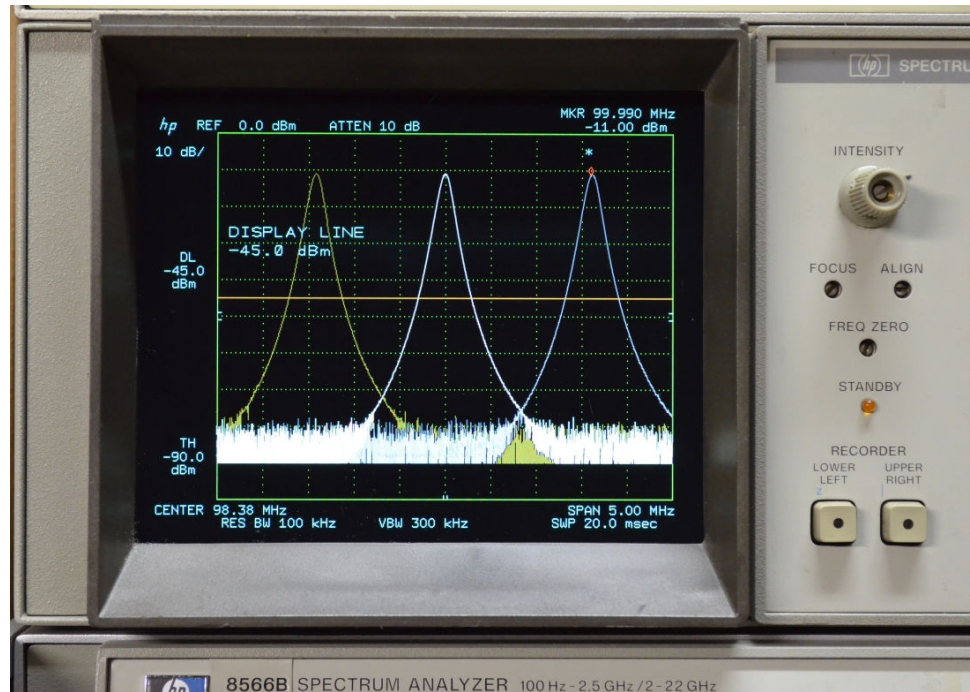
Bitmap font with hand-optimized glyphs gives better clarity over the original vector font when rendered on a VGA LCD panel

RESOLUTION ENHANCEMENT

Resolution enhancement takes advantage of the 1024 point original resolution of the 85662A display and gives a smooth curve with reduced jaggedness

FAST SWEEP

Sweeps of 10ms down to 1us are now digitized and stored in trace A memory, which can be captured via GPIB. The X axis is timed with a crystal oscillator that requires no adjustment.

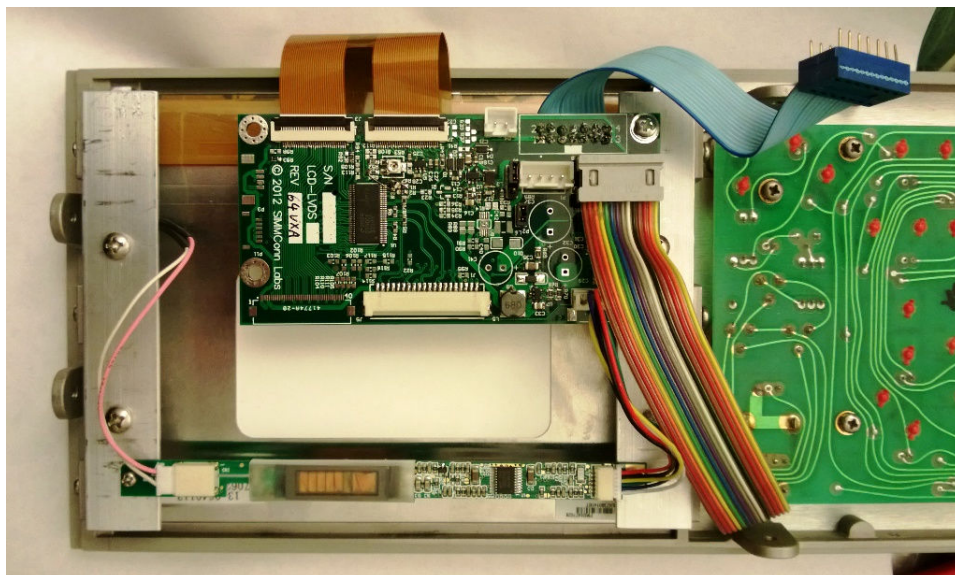


The NewScope-8 Color LCD replacement Kit is designed to replace the monochrome CRT in the HP® 85662A spectrum analyzer display. The Kit supports 6.4" or 6.5" TFT color LCD with VGA (640 x 480) or XGA (1024 x 768) resolutions.

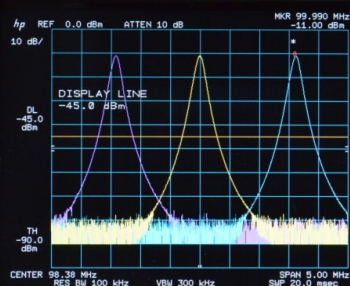
The key features of the Kit include:

- Bitmap font for better clarity
- Resolution Enhancement
- Enlarged marker painted in red (or user configurable color)
- Four display schemes selectable by the align pot
- Compatible with existing GPIB automation software
- Fast Sweep is digitized and can be captured via GPIB
- The LCD backlight is powered from the unregulated +23V supply used for CRT high voltage module

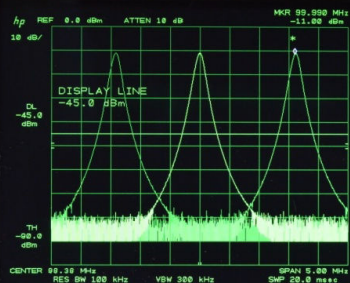
Do-it-yourself Installation



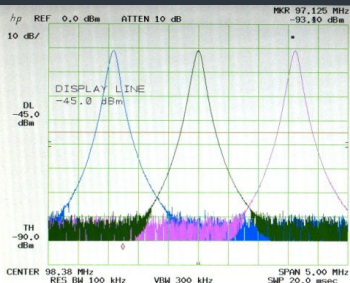
8560EC



MONOCHROME



INVERTED



System Highlights

- Compatible with HP 8566B and 8568B
- No milling of front bezel needed with supplied 6.4 inch panel
- Compatible with most 6.4 inch and 6.5 inch TFT LCD panels
- Step-by-step installation instructions
- Open Source hardware design