



860 DSP Display in Extreme Temperatures

Overview

Because of the nature of LCD (liquid crystal display) screens, extreme temperature affects visual performance. LCD displays tend to "lighten up", or "bleach out", or "go dark" in extreme temperatures. Extreme heat will do this. This is due to changes in voltage and/or current draw rates. This is easily corrected by making slight changes in the display contrast settings and the 860 DSP power settings. It is helpful to do overnight charging of 860 DSP batteries with AC charging cube (p/n# 0610162000) and in cold climates, the optional 860 DSP vehicle power adapter (p/n# 2070704002) to cycle voltage into the 860 DSP to stay warm. Read the 860 DSP Operational Manual or call the Trilithic Applications Department if we can help you solve your problems

Contrast Adjustment

Push red <fn> key, push "# 1" for the contrast mode then push red <Ent> key. This will engage the contrast control firmware. Use either up or down arrow button on 860 front panel to "lighten or darken" LCD display to technicians' visual taste. Then push the red <Ent> button to lock in the firmware setting.

Power Management Adjustment

Look for yellow softkey under <SETUP> function and push it. Push "#2" for power management mode then push red <Ent> button. The Power Scheme setting is now highlighted. Use either up or down arrow button on 860 DSP front panel to change setting to "High" mode. Push right arrow button to "Unit Off Timer" and use up or down button to 15 minute or more setting. This will add time to the test period the 860 will remain "on" before the display automatically turn off. Push right arrow button once again to the "Backlight Timer" and use the white up or down arrow button to "Disable mode" to always leave the backlight on as needed.

This will help in cold conditions.

For Additional Help Contact
Trilithic Applications Engineering
1-800-344-2412 or 317-895-3600
support@trilithic.com or
www.trilithic.com

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