



# TRILITHIC

## Press Release

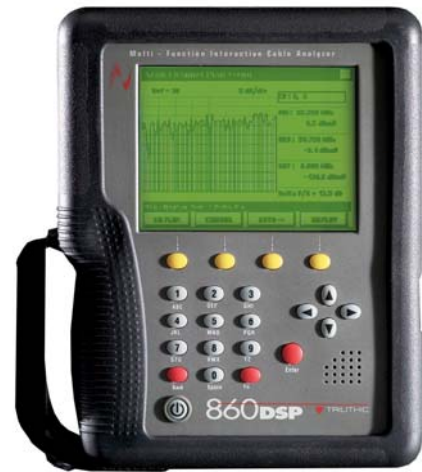
# For Release Cable Tec Expo

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### New Product Release: Trilithic 860 DSPi Field Analyzer Evolution Continues

**Indianapolis, Indiana (Wednesday June 20, 2007)**, Adapting to changing technology and user needs, Trilithic is introducing more exciting features to the continually evolving 860 series field analyzers. Some remarkable new standard<sup>1</sup> features include:

- QAM Source, which enables a tech to inject a 16 or 64 QAM (Quadrature Amplitude Modulation) test signal at a field test point for analysis at a hub or headend with another 860 or a digital spectrum analyzer (like the Trilithic 8821Q, for instance). This feature quickly pre-qualifies a node's upstream spectrum for a new digital service.
- High Speed Throughput, which enables speed testing to 40 Mbps, with the use of a communications test server located in the cable headend. HSD testing verifies proper modem provisioning, especially in a system with tiered service limits.
- UGS (Unsolicited Grant Service) which enables establishing a high priority service flow for the duration of a VoIP RTP test (uses same server as High Speed Throughput). This enables the tech to test the RTP (Real-time Transport Protocol) stream with either VoIP or "best effort" QoS (Quality of Service).



An advanced CSO / CTB (Composite Second Order / Composite Third Order) distortion test mode enables in-service testing on NTSC channels when used with a 3rd party line blanker has been added to the Power Pack option. This feature is available as part of a free firmware download to users of 860 series analyzers that have the Power Pack option. A video line viewer has been added to the Power Pack as well that enables verification of line blanking.

Additionally a new option for 8VSB (Vestigial Side Band) signal analysis, including field strength, MER (Modulation Error Ratio), BER (Bit Error Rate), constellation, and equalizer tap information is available for the 860 series. This can be used for antenna alignment and transmission path testing and troubleshooting.

Already highly esteemed as the best-in-class field analyzer, the Trilithic 860 DSPi continues to adapt and improve as technology evolves, extending the product life cycle, lowering the cost of ownership and enabling techs to work more productively.

<sup>1</sup> Retrofits to existing field units are available. May require return to factory, contact Trilithic for details.



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The 860 DSPi will be on display at the SCTE Cable Tec Expo, Trilithic's booth #856. For more detailed information about these and other features of the 860 series, go to [www.860dsp.com](http://www.860dsp.com) or call your local representative for a demonstration.

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**ABOUT TRILITHIC:** Trilithic, Inc. is an industry leader providing telecommunications solutions for major Broadband and RF & Microwave markets around the world. Comprised of three major divisions: Broadband Instruments & Systems offers test, analysis and quality management solutions for the major cable television systems around the world. The RF & Microwave Components Division provides various components and custom subsystems for companies specializing in cellular, military and other wireless applications. The E.A.S. Division is a leading supplier of government-mandated Emergency Alert Systems used by HFC service providers in the United States.

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