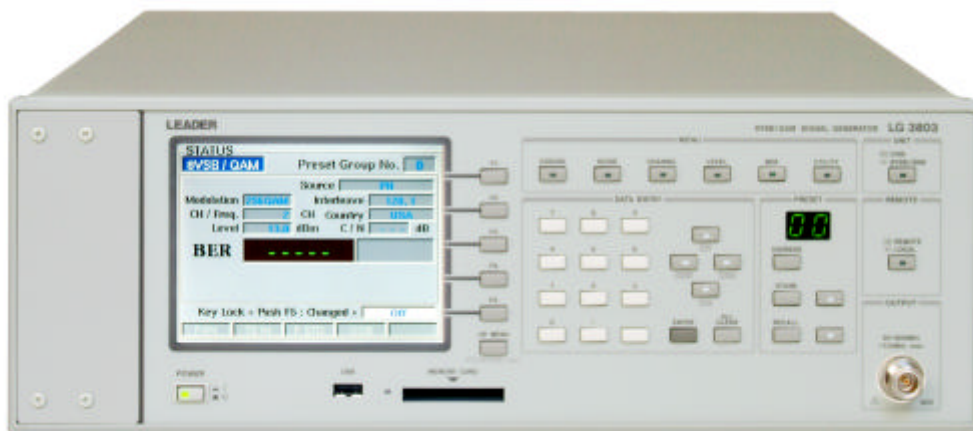


Friday April 1, 2005

Cypress, CA.... Leader Instruments Corporation introduces the LG3803, a new 8VSB/QAM Signal Generator specifically designed for testing STBs and integrated digital tuner devices .

LG 3803 8VSB/QAM Signal Generator



Ideal For The Production, Test and Alignment Of ATSC Compliant Tuners And Receivers/STBs.

Designed to address the challenges of DTV tuner testing, the LG3803 provides all of the signal control necessary for testing the performance of ATSC compliant tuners and receivers.

The RF output can be set to emulate 8VSB, 64 and 256QAM modulation formats and the modulation frequency can be set from 50MHz to 900MHz covering the entire VHF and UHF spectrum. Output level ranges from -100 to +13dBm (50 Ohm) and it is settable with 0.1dB resolution; ideal for doing input sensitivity tests.

A pseudo-random (PN) generator and a BER counter are built into the instrument and facilitate easy BER measurements in a single unit.

The instrument can be modulated internally (2 built in test patterns; color bars and ramp) or can be externally modulated (DVB-ASI or SPI input). An optional DVD drive is available to supply moving video playback for HD rates (factory option 70); an excellent way to test receivers in a "real life" simulation.

The QVGA display provides easy instrument control. The instrument can be Ethernet controlled. Remote control allows preset recall and increment; up to 100 presets can be set up and recalled aiding in the automatic testing process.

FEATURES

- **Ideal For The Production, Test and Alignment Of ATSC Compliant Tuners And Receivers/STBs.**
- **Includes 8VSB and 64QAM/256QAM Modulation Standards; Covers Both VHF And UHF Bands.**

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Press Release

- **Coding Modulator, C/N Generator and Upconverter Are Integrated In A Single Instrument.**
- **Built-in Pseudo-Random (PN) Signal Source And BER Counter Facilitate BER Measurements Using One Instrument.**
- **Real Time Coding And Modulation Provides Realistic Test Signals.**
- **Real Picture Playback Function Is Available As An Option**
- **Out-Of-Band Option Allows For CATV Return Path BER Evaluation**
- **Intuitive, Clear Display, 100 Presets And Ergonomic Design Make The LG3803 The Perfect Choice For Manufacturing And Service Applications.**
- **A factory installed Natural Picture Option (Option 70) Generates Real-Life Test Streams Allowing For Realistic Testing On The Bench.**
- **Out-Of-Band (OOB) Testing and BER Measurements Can Be Performed By Connecting The Optional LG3803-01 Out-Of-Band Generator (sold separately).**

Call 1 (800) 645-5104 or see www.LeaderUSA.com for further details.

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