



SUNRISE TELECOM

... a step ahead

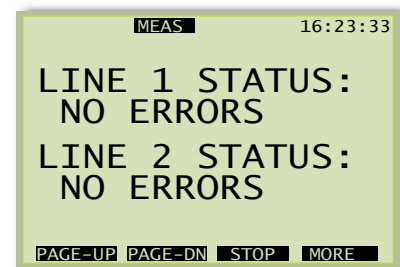
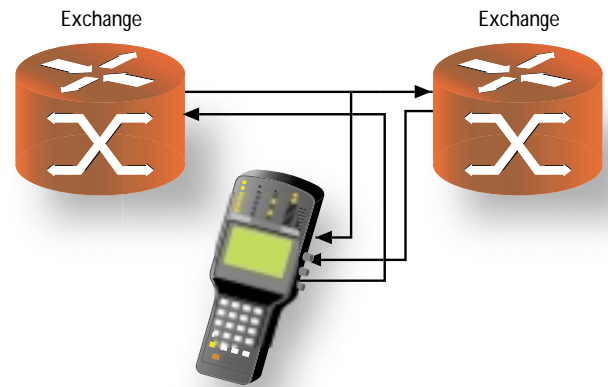


SunSet® E8

2.048 Mbit/s Transmission, Signalling

The SunSet E8 provides full 2.048 Mbit/s transmission testing. The G.821, G.826, and M.2100 analysis features verify both circuit and network equipment conformance to the ITU-T's recommendations. Level measurement and pulse mask analysis let you verify

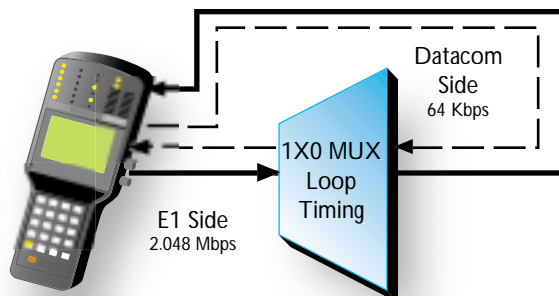
acceptable signal quality to the G.703 ITU-T standard. Find 2.048 Mbit/s synchronization problems by measuring frequency slip. You can also perform frequency stress testing up to ± 50 kHz.



300 bits to Nx64 kbit/s Datacom Testing

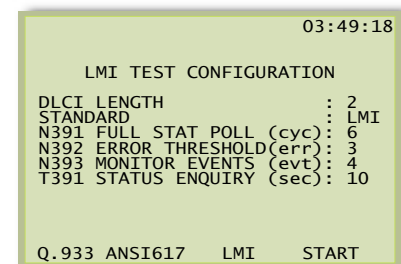
Datacom testing is easy with the SunSet E8's low speed interfaces. Send standard test patterns such as PRBS and FOX at synchronous and asynchronous data rates from 300 bit/s to Nx64 kbit/s. X.50 framing helps you verify and troubleshoot X.50 circuits. Control the various

leads on the datacom interfaces (and view on/off status) in graphic or tabular format. In addition to DTE or DCE equipment emulation, the SunSet E8 also can emulate and test data multiplexers.



Frame Relay

The SunSet E8's frame relay option provides the perfect solution for installing and maintaining frame relay networks running over E1 or V-series interfaces. It provides the quickest method for verifying performance and maintaining quality of service in frame relay networks. The SunSet E8's frame relay feature permits LMI testing, IP Ping, and stress testing.



Dual-color LEDs

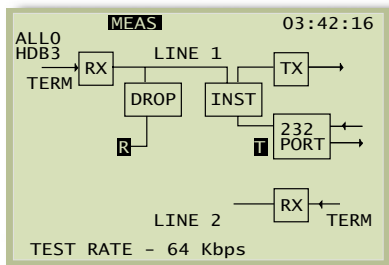
Check your circuit's operation at a glance, making testing as simple as "green is good; red is bad." Signal status is displayed simultaneously for both E1 lines.

Straightforward Results

There is no need to decipher or dig through results. The SunSet E8 provides all results in an intuitive, straightforward manner.

GRAPHIC Key

Avoid costly configuration mistakes. A single keystroke provides a graphic diagram of the SunSet's configuration.



Voice Frequency Capabilities

Monitor voice quality and tones with the SunSet E8's VF measurement functions. You can view the CAS status of all 30 channels in both directions simultaneously. Place a call by setting the proper CAS signalling bits and sending the register signalling; send using Multi Frequency R2, Dual Tone Multi Frequency, or Dial Pulse. You can also analyze the received MFR2/DTMF/DP digits. VF Noise measurements (signal-to-noise ratio, 3.1 kHz, psophometric weighting, and 1010 Hz notch with flat filter) test voice channel quality.



Printing & Remote Control

A serial port interface allows for direct printing or remote control from a computer or modem.

2M & Datacom Interfaces

The SunSet E8 is equipped with dual receivers and one transmitter (both 75Ω and 120Ω impedance supported).

In addition, the datacom port enables testing at the V.35, X.21, RS232, RS449, and G.703 co-directional interfaces.

Speaker and Microphone

Functions as a telephone handset for performing in-service talk/listen or monitoring voice quality and tones.

Field Upgradeable Software

The SunSet E8 features software cartridges: test set upgrades in the form of a replaceable memory card. Equip your SunSet E8 with the capabilities you need at the moment, knowing you can upgrade to more advanced features at any time. All you need to do is take out the current cartridge and plug in a new one; no tools are required.



Service & Support

Sunrise Telecom is proud to give its customers excellent service and support.

Technical assistance is available from local representatives in over 70 countries, from factory experts, on the Internet, and via Sunrise's customer support line.

Contact Sunrise Telecom to find your local Sales Representative or Distributor and discover how the SunSet E8 can solve your testing needs.

Customer Support

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