

# LOGIX COMMUNICATIONS LTD



## et6000 - E1/T1, E3/T3 and multi-interface tester

- Tests asynchronous, synchronous, T-1 and fractional T-1, E-1 and fractional E-1, T-3 and E-3 facilities and equipment
- V.35, RS232, RS422/RS530, X.21, HSSI, dual T-1, dual E-1, dual T-3 and dual E-3 interfaces
- Data rates from 50 bps to 50 Mbps
- Displays G.821 performance measurements
- Front panel Colour LCD Display, TELNET, VT100 and Command Line Interface control
- Includes a built-in LAN Interface for TELNET and TFTP
- AC or battery power

The MT 6000 is a sophisticated bit error rate tester in a compact, hand held package. It can test a wide variety of communications facilities and equipment including T-1, fractional T-1, E-1, fractional E-1, T-3 and E-3 modems, multiplexers, CSU/DSUs, T-1 CSUs, DTUs, NTUs and TIUs. It is supplied with changeable nickel metal hydride batteries and a built-in charger.

### Dual T-1 and E-1 Testing

In the T-1 and E-1 modes, the Tester displays bit errors, transmit and receive frequency, test seconds, bit error rate and G.821 performance measurements. A variety of test patterns can be inserted in all or selected DS0s/TimeSlots, continuous or non-contiguous, making the Tester ideal for fractional T-1 or E-1 testing. Because it contains two T-1/E-1 framers, it can monitor and listen to both the TX and RX DS0s and Time-Slots simultaneously. It can also perform Drop/Insert (D/I) testing a single DS0 or Time-Slot without interfering with the remaining ones

### Dual T-3 and E-3 Testing

The MT 6000 can test T-3 and E-3 networks and CSUs. It performs G.821 measurements and displays bit errors, bit error rate, frequency and more. With the dual T-3/E-3 TX and RX framers and codecs, it can monitor both sides of the line so it can listen to voice on a DS0 or Timeslot on a Framed T-3/E-3 link.

### Asynchronous and Synchronous Testing

In the Async and sync test mode, the Tester generates test data in a choice of patterns and formats. The user can choose from twenty-eight Async and seventy-five sync test speeds. In the Async mode, it displays characters received, character errors and errored seconds. In the sync mode, it displays bit errors, bit error rate, TX frequency, RX frequency, CTS delay, G.821 measurements and more.

### Reports

The MT 6000 can generate and store reports useful for line turnovers, troubleshooting in the lab or diagnosing a communication line issue.

### Easy to use

The MT 6000 can be controlled from the front panel or from a local or remote terminal. It includes a 320 x 240 Colour LCD display that shows selected mode, test and operating parameters. Parameters are selected by scrolling through values stored in the Tester.