CDI MODEL
930
TELETERM COMPUTER DATA PRINTER

PERFORMANCE AND SPECIFICATION DATA

The CDI 930 TELETERM™ provides interactive high-speed data communication to digital computers at low cost. Utilizing a thermal printing technique, the 930 TELETERM operates virtually silently with extremely high reliability. It is designed to replace older, slower, more noisy terminals and control consoles which use Teletype, Selectric, or other failure-prone impact printer mechanisms.

Interfacing the CDI 930 TELETERM to any computer or digital data system is easy because both serial and parallel signals are conveniently available on each TELETERM rear connector panel. For example, the common TTY standard 20 milliamp current loop connector may be used at 10, 15, or 30 characters per second — providing high speed bit serial data communication on a plug-to-plug compatibility basis with the model 33 Teletype. Or the RS-232C connector may be used to interchange data with nearly any computer or peripheral device, since virtually all such equipment is now provided with this popular EIA standard feature.

The CDI 930 TELETERM also can be easily designed into a specialized data collection or process control system, since DTL/TTL logic level electronic signals are readily available — in either serial or parallel form — from connectors mounted on each TELETERM rear panel. The interface flexibility built into each 930 TELETERM, allows rapid definition of new systems without constraints, and without the need to design or buy interconnecting buffer electronics.

Parity checking and an electronic keyboard interlock help eliminate operator error, and full duplex data communication can also be used for further error control. When used with the CDI 3600 Tape Cassette Data Buffer, or the CDI 3900 Paper Tape Reader/Punch, the CDI 930 TELETERM can be used for program input, program assembly, or computer data listings — all at fast 30 character per second speeds — and with full 80 column page width printing.

FAST, RELIABLE PERFORMANCE

The CDI 930 TELETERM utilizes an advanced solid-state, non-impact printer to gain a speed advantage of 3 to 1 over conventional Teletype equipment. This simple basic mechanism has no moving parts except the paper advance drive and print head positioning motor. All that is heard in operation is the light touch of the print head and the rustling of the paper. The use of integrated circuit logic elements and virtual elimination of mechanical parts add up to high reliability and easy servicing.

Extensive testing and field experience has confirmed that no preventative maintenance is required for the 930 TELETERM. Many hundreds of a similar terminal, such as the portable CDI 1030 TELETERM, have demonstrated a need for adjustment or service only once a year or so. The 930 TELETERM is designed to provide even greater reliability. No operator retraining or reprogramming is generally necessary since the 930 TELETERM keyboard is identical with that of the simple, easy-to-use Teletype Model 33 terminal — familiar to virtually all computer personnel, and very similar to the common office typewriter keyboard.

The external case of the CDI 930 TELETERM fully encloses the terminal, including its power supply, into an integrated and compact unit, protected by easy-to-clean, strong, and flame-retardant Kydex thermoplastic covers. A cooling fan is standard, so that installation merely requires that the power cord and data connector be plugged in. Modem styling and small size allow the 930 TELETERM to complement the decor of efficient modern office and work areas.

THE MODEL 930 IS PORTABLE. YOU CAN TAKE IT ANYWHERE AND INTERFACE TO ANYTHING.

SPECIFICATIONS

KEYBOARD INPUT
Method: Teletype 33 compatible keyboard with electronic character interlock
Character Set: 96 (Upper and lower case)
Code: USACII
Character Size: 6/inch vertical
10/inch horizontal
Printing Speed: 10, 15, or 30 characters per second
Recording Medium: 8.5" wide paper (100 foot roll)
Line Length: 80 characters per line

DATA INTERFACE
Mode: Half or full duplex
Rate: 110, 150, or 300 baud
Parity: Odd or even or none
Connectors: 20ma. current loop
RS-232C
DTL/TTL Serial
DTL/TTL Parallel

SWITCHES
Power: ON/OFF
Duplex: HALF/FULL/LOCAL
Speed: 10, 15, or 30 characters per second
Parity: ODD/EVEN/NONE

INDICATORS
ON LINE
Power ON
PARITY ERROR

PHYSICAL CHARACTERISTICS
Size: 14" wide x 19" deep x 5.5" high
Weight: 22 pounds

ENVIRONMENTAL RANGE
Operating: 32°F to 100°F
Non-operating: 0°F to 120°F

POWER REQUIREMENTS
Voltage: 110 volts AC ± 10%
Frequency: 50-60HZ
Power: 150 watts

OPTIONS
Lower Case Keyboard
Pedestal
10 Key numeric pad

FEATURES
- HIGH SPEED —30 CHARACTERS/SECOND
- QUIET NON-IMPACT PRINTING
- ERROR FREE OPERATION
- FULL INTERFACING FLEXIBILITY
- LOW COST
- HIGH RELIABILITY
- HALF OR FULL DUPLEX

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PLEASE SEND ME MORE INFORMATION ON

☐ MODEL 930   ☐ MODEL 1030   TIME-SHARING TERMINAL

Name _____ Title _____

Company _____ Street Address _____

City _____ State _____ Zip _____

Computer System _____ Phone _____

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