



Data Equipment

The ADM-1 Display Terminal





New CRT Display Terminal Features Price and Performance



The ADM-1 CRT Data Display Terminal can only be described as a "breakthrough" in the area of cost vs. performance. Exhibiting an impressive list of capabilities, the terminal has been priced at roughly half the cost of most conventional devices.

Designated as the ADM-1, the terminal is one of the most compact units offered by the industry, as well as being the lowest priced. It measures only 12" high x 21" deep x 16" wide, yet houses a full size, 12" display screen. Net weight is only 45 lbs.

The ADM-1 is a low-cost high-reliability desktop CRT display terminal that incorporates the kind of design features and versatility previously found only in more expensive units. The ADM-1 is completely self-contained, equipped with keyboard, control logic, character generator, refresh memory and interface.

Performance-wise, the ADM-1 has capabilities matching and exceeding most conventional CRT terminals. The display format of the terminal is 960 characters (12 lines of 80 characters), using 64 alphanumeric USASCII characters in a 5 x 7 dot matrix. An optional screen is also available with 1920 characters consisting of 24 lines with 80 characters each.



INTERFACE The terminal is designed for RS232 point-to-point interface at rates of 110, 300, 600, 1200, 1800, 2400, 4800, and 9600 Baud. Optional 20Ma current is available.

TRANSMISSION MODES Full or half duplex conversation modes are switch selectable or any one of four block transmission modes may be used. With the optional edit package partial block transmissions are available. Polling and addressing are optional transmission features.

EDITING FEATURES Editing capabilities of the ADM-1 allow clearing the screen or using a destructive cursor for character change. As an option, the terminal is available with character insert and delete, line insert and delete. Standard error indication is a check symbol to indicate parity error. Read and load cursor control allows the user to skip, backspace, forespace, move-up, down, return, home, and new line. Control characters are indicated by a reverse image.

FIELD PROTECT Screen formatting of protected and unprotected fields displayed in dual intensity. A major feature of the new terminal is a field protect mode that is specified by delimiters at start and end of the field to be protected. This allows the user to maintain desired information on the screen, presented at a lower intensity, while constantly changing variable or secondary data.

CONSTRUCTION Mechanically, the ADM-1 uses modular construction for easy service and is housed in a compact, rugged case. The screen is a 12" CRT with P4 phosphor. An optional screen may be specified with P31 phosphor and etched non-glare faceplate. The keyboard is a standard 53 key TTY type. Its configuration may be extended to 60 keys as an option.

ADM-1



Data Products

Specifications

DISPLAY FORMAT: 960 characters arranged in 80 characters per line by 12 lines.

SCREEN: 12 inch Diagonal, P4 Phosphor.

CHARACTER SET: 64 Alphanumeric USASCII characters.

CHARACTER FONT: 5 x 7 Dot Matrix.

REFRESH RATE: 60 Fields/Sec.

CURSOR: Reverse Image (Block Cursor).

CURSOR CONTROLS: Skip, Backspace, Forespace, Down, Return, New Line, Up, Home, Read Cursor, and Cursor Addressing

EDITING FEATURES: Clear Screen, Over-strike, and Absolute Cursor Addressing.

FIELD PROTECT: Screen formatting of protected and unprotected fields displayed in dual intensity.

TRANSMISSION MODES:

FORMAT TRANSMISSION: Transmit format and text or text only.

Page Mode — Read from the start of the page to the cursor.

Line Mode — Read from the start of a line to the cursor.

Block Mode — Read from previous end of message (EOM) to Cursor. (Included in optional edit pkg.)

CONVERSATION MODE: Characters transmitted to the computer a character at a time.

KEYBOARD: 53 Key TTY Standard. 60 key

configuration with cursor control keys is available as an option.

CONTROL CHARACTERS: Control characters may be transmitted to the computer and entered on the screen.

REPEAT: Repeat is actuated by holding the repeat key down. Repeat rate is 15 characters per second.

INTERFACE: RS232 point-to-point.

Data Rates — 110, 300, 600, 1200, 1800, 2400, 4800, 9600.

Parity — Even, odd, one, or zero.

ERROR INDICATION: Check symbol to indicate a parity error.

OPTION PACKAGE: Character insert and delete, line insert and delete (when not in protected mode), read cursor, clear to end of line/field/page, back tab, and block mode transmission.

OPTIONAL SCREEN SIZE: 1920 characters on a 12" screen, 80 characters per line by 24 lines.

SCREEN OPTION: P31 Phosphor, and etched face-plate.

TRANSMISSION OPTIONS: Polling, addressing, and multidrop RS232 extension.

OPTIONAL: Serial Printer output.

SIZE: 12" high x 16" wide x 21" long.

WEIGHT: 45 pounds.

POWER REQUIREMENTS: 115 Vac, 60 Hz, 100w

Sales and Service

LSI is a proven display manufacturer with more than a decade of CRT display experience.

LSI has sales offices in principal cities throughout the United States. These offices are staffed by sales personnel specially selected for their experience and performance in the computer peripheral market. They stand ready to assist you with selecting the proper peripherals to most economically satisfy your requirements.

Service on LSI equipment is performed by highly trained and experienced service personnel. The reliable LSI Display Terminal requires minimal service; however, if a problem does arise, service is just a phone call away.

For the nearest LSI sales representative, contact our sales department at the address below.

For further information contact:

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