



TS-42

LEAR SIEGLER ADM-42™*
EMULATION

The TS-42 Display Terminal offers full emulation of the Lear Siegler ADM-42, upward compatibility with the ADM-2, and most features of FALCO's popular TS-1.

Features

- ADM-42 emulation
- ADM-2 compatibility
- Eight pages of screen memory
- Background printing capability
- 32 preprogrammed function keys
- 12 user-defined function keys
- Software-controlled setup menu
- Standard green P31 phosphor screen
- Selectable transmission rates up to 19,200 baud
- Status line keeps user informed about terminal operation
- Two RS-232C ports standard
- Smooth scroll
- ADM-42 63-character FUNKEY option is standard
- Polling and addressing available as option
- Special display of control characters
- Optional TS-212 PLUS modem

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The TS-42 has the capability to store more than the 24 lines normally displayed on the screen at one time. The eight pages of memory can be allocated to separate tasks. While the operator is editing data on the screen, the host computer can be using background pages as a buffer for a local printer.

The screen displays a status line that can be controlled by the host computer or the keyboard. The status line informs the user when certain features are active. The features monitored by the status line include freeze mode, keyboard lock, shift lock, numeric keypad lock, reduced intensity, protected fields, edit mode, block mode. The status line also displays a digital clock and a user-defined title.

The status line keeps the user informed of which page is being displayed on the screen. A single function key is used to move back and forth between pages.

The TS-42 comes with 32 function keys preprogrammed to emulate the commands of the ADM-42. These function keys can be reprogrammed to meet special requirements. The TS-42 provides the ADM-42 63-character FUNKEY option as a standard feature. In addition, the TS-42 has 12 user-defined function keys that can store commands even when the terminal is turned off. The non-volatile memory can store a total of 300 characters; a single key can store up to 77 characters.

The software controlled setup menu makes it easy to select all important communications features, including baud rate, stop bits, parity, data word size, XON/XOFF or DTR protocol. When the polling and addressing option is installed, the setup menu includes the items required to control this feature.

The TS-42 has flexible and useful display features. Reverse video, underlined, blinking, reduced intensity, and blank fields can be combined to produce forms that are both attractive and useful.

Specifications

Display size:	12-inch diagonal screen; 22 cm x 15 cm (8.0 x 6.0 in.).
Video Monitor	Green P31 phosphor is standard, with white P4E or amber PC134 available as options. 50 or 60 Hz refresh.
Resolution	8x12 character cell with 6x10 character; lower case descenders
Character Set	Complete 128 ASCII character set is fully displayable.
Control Logic	Z-80 microprocessor-based logic board.
Memory	16K ROM; 2 K display RAM; 16K additional RAM.
Interfaces	Two RS-232C ports are standard; RS-422 or current loop optional. 16 baud rates from 50 to 19,200.
Power	Standard 115/230 Vac +20%; 50 W maximum; 50 or 60 Hz.
Operating Environment	5 to 45 C; relative humidity 10 to 90% non condensing.
Composite Video Out	External wide band monitors can be added as an option. Sync frequency 19.2 kHz.
Dimensions	Main unit: height 30.5 cm (12 in.), width 40.6 cm (16 in.), depth 35.6 cm (14 in.) Keyboard: height 6.4 cm (2.5 in.), width 40.6 cm (16 in.), depth 21.6 cm (8.5 in.).
Weight	26 lb.

Dealer

