

ADDS

Applied Digital
Data Systems Inc.

The ENVOY Series of portable CRT terminals are completely Teletype® compatible, fully buffered computer terminals.

The Envoy weighs under 28 pounds and comes in its own scuff-proof carrying case.

It uses a 5" monitor to display black characters on a light background and contains a built-in acoustic coupler. Two models of the Envoy Series are available: the Envoy 680 displays 24 lines with 80 characters per line; the Envoy 640 has 16 lines with 64 characters per line.

ENVOY SERIES

THREE OPERATING MODES Both models of the Envoy can operate in any of three modes: conversational, message or page. In the conversational mode, the Envoy is completely Teletype® compatible, transmitting a character at a time. In the page mode, an operator can write and edit data, and then transmit it, a page at a time. In the message mode, transmission occurs a line at a time. In the conversational mode a special edit sub-mode feature is available. This feature allows an operator to edit without retyping the whole line.

FORMATTING In the page or message mode, the Envoy can display formats consisting of fixed data (gray characters). The operator can then fill in the blanks with variable data (black characters). This not only assures completeness of data, but speeds entry. To save time, the terminal transmits only variable data.

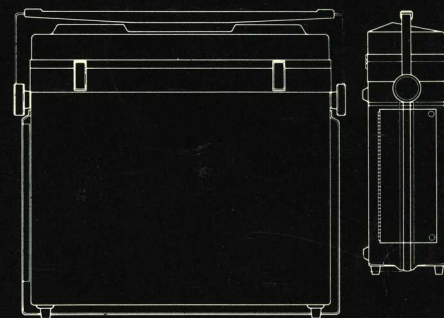
FULL EDITING CONTROLS The operator can move the cursor up, down, forward, backward and home. He can also tab horizontally and erase the screen. Another feature allows him to insert or delete a character at any position on the screen.

LOOK AHEAD FEATURE In the page and message modes, a look ahead feature saves on transmission time. The Envoy scans ahead and if the rest of a line is blank, the cursor goes directly to the next line. This avoids transmitting unnecessary blanks.

BUILT-IN MODEM The Envoy built-in modem operates acoustically via the handset of a regular telephone at 110 or 300 baud: Half duplex only. Because the

ADDS' patented design virtually eliminates the second harmonic distortion problem, the reliability of data transmission approaches that normally associated only with hardwired modems. The Envoy modem is compatible with Bell System 103 data sets and operates in the "originate" mode.

GRAPHICS OPTION The Envoy graphics option (patented) has an 11,520 element resolution. The 72 (vertical) by 160 (horizontal) dot matrix is well suited to most management or financial information systems, as well as to many engineering and scientific applications. Annotation is possible because normal alphanumeric characters can be generated along with graphics.



MEMORY SIZE:	Model 640 - 16 lines by 64 characters per line. Model 680 - 24 lines by 80 characters per line.
CHARACTER SET:	64 ASCII characters, each formed by a 5 x 7 dot matrix.
DISPLAY PRESENTATION:	Dark characters on a light background.
SCREEN SIZE:	5" diagonal.
REFRESH RATE:	60 frames per second.
VIDEO OUTPUT:	Compatible with EIA standard, drives any 525 line TV monitor.
COMMUNICATIONS INTERFACE:	Bell System 103 compatible acoustic coupler; originate mode only; switch selectable operation at 110 or 300 baud.
OPERATING MODES:	Conversational - character at a time transmission. Message - line at a time transmission. Page - full screen at a time transmission.
EDITING FEATURES:	Character insert/delete; character overwrite; horizontal tabbing.
CURSOR CONTROLS:	Up, down, forward, backward and home.
FORMATTING:	Protected formats displayed at half intensity.
WEIGHT:	28 pounds, maximum.
PHYSICAL DIMENSIONS:	5" (h) x 18" (w) x 15" (d).
POWER:	110 volts at 60 Hz, 110 VA.
TEMPERATURE:	0° to 50° C. (operating) 0° to 85° C. (storage).
HUMIDITY:	10 to 95% RH, non-condensing.
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