MICRO-TERM

format selection with a...
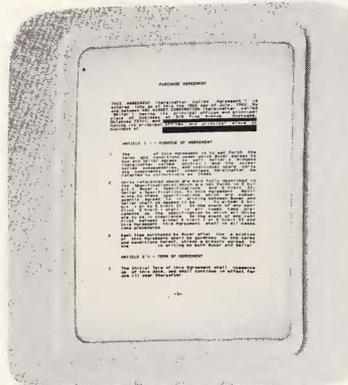
TWIST

FORMAT SELECTION
WITH A...
TWIST

Micro-Term's TWIST, a versatile dual-format CRT, displays data in both a landscape format (80-column by 24-line) and a full-page format (80-column by 72-line) — simply rotate the CRT screen 90 degrees to the new orientation. The flicker-free screen allows easy viewing in either mode.

The TWIST can be raised, tilted and twisted to allow for many different positioning possibilities. All data is retained, and the characters reorient themselves in less than one second.

The TWIST also features a low-profile, ergonomically designed keyboard that meets DIN specifications.

The native mode of the TWIST is ANSI 3.64 — in which the unit is completely compatible with DEC's VT102 (except the 132-column mode). For non-ANSI users, the terminal can be used in a custom mode. In this mode, the user may program the escape sequences and control codes according to his system needs. This can be done easily from the keyboard or downloaded from the host.

FULL-PAGE MODE:
A 7 by 9 dot format allows the display of 5,760 characters on a single page. Due to the high resolution of the 15-inch tube, these characters are extremely readable. Major applications for the full-page mode are word processing and programming.

LANDSCAPE MODE:
This mode displays 16 by 20 dot characters on a 15-inch screen. The clarity and resolution of these characters is unsurpassed in the asynchronous terminal marketplace. Three pages of memory are standard — increasing the terminal's capacity to 72 lines.

STANDARD FEATURES

- 16 user-definable function keys
- Bidirectional pass-through printer port
- Five video attributes
- Smooth scroll in landscape mode

- Editing keypad
- Non-volatile soft set-up mode
- Alternate character generator
- 25th status line
- Five keyboard LEDs
- Protected fields

- Block mode with protected fields
- Settable tabs
- Settable margin bell
- P-4 flicker-free, non-glare screen
- Double-high, double-wide characters in the landscape mode

SPECIFICATIONS

Dimensions:
15½"W x 14"L x 17½"H

Weight:
41 lbs.

Printer Port:
Bidirectional printer port

Keyboard:
Detachable, low-profile ergonomically designed keyboard

Power Consumption:
75 watts

Display Format:
24 x 80 characters
72 x 80 characters

Character Matrix:
16 x 20
7 x 16

Screen:
15-inch (amber, black and white) non-glare, raise, lower, tilt and twist

Baud Rates:
75 to 19.2 K

Communications Interface:
EIA RS232,
20 mA current loop

Screen Saver:
Screen shuts off after 10 minutes of non-use and can be restored with no data loss

Character Attributes:
Blink, blank, underline, reverse, bold

OPTIONS

- Amber phosphor
- 20 mA current loop
- Alternate character generator

MICRO-TERM, INC.
Terminals are our only product, and we put more into them.

Call or Write: 512 Rudder Road, Fenton (St. Louis County), Missouri 63026
(314) 343-6515, TWX: 9107601662, MICROTERM, STL.

TWIST

Micro-Term's **TWIST**, a versatile dual-format CRT, displays data in both a landscape format (24 lines by 80 columns) and a full-page format (72 lines by 80 columns) simply by rotating the CRT screen 90 degrees to the new orientation. The high-resolution, flicker-free screen provides for easy viewing and readability in either mode.

The **TWIST** can be raised, tilted, and twisted to allow for many different positioning possibilities. All data is retained, and the characters reorient themselves in less than one second.
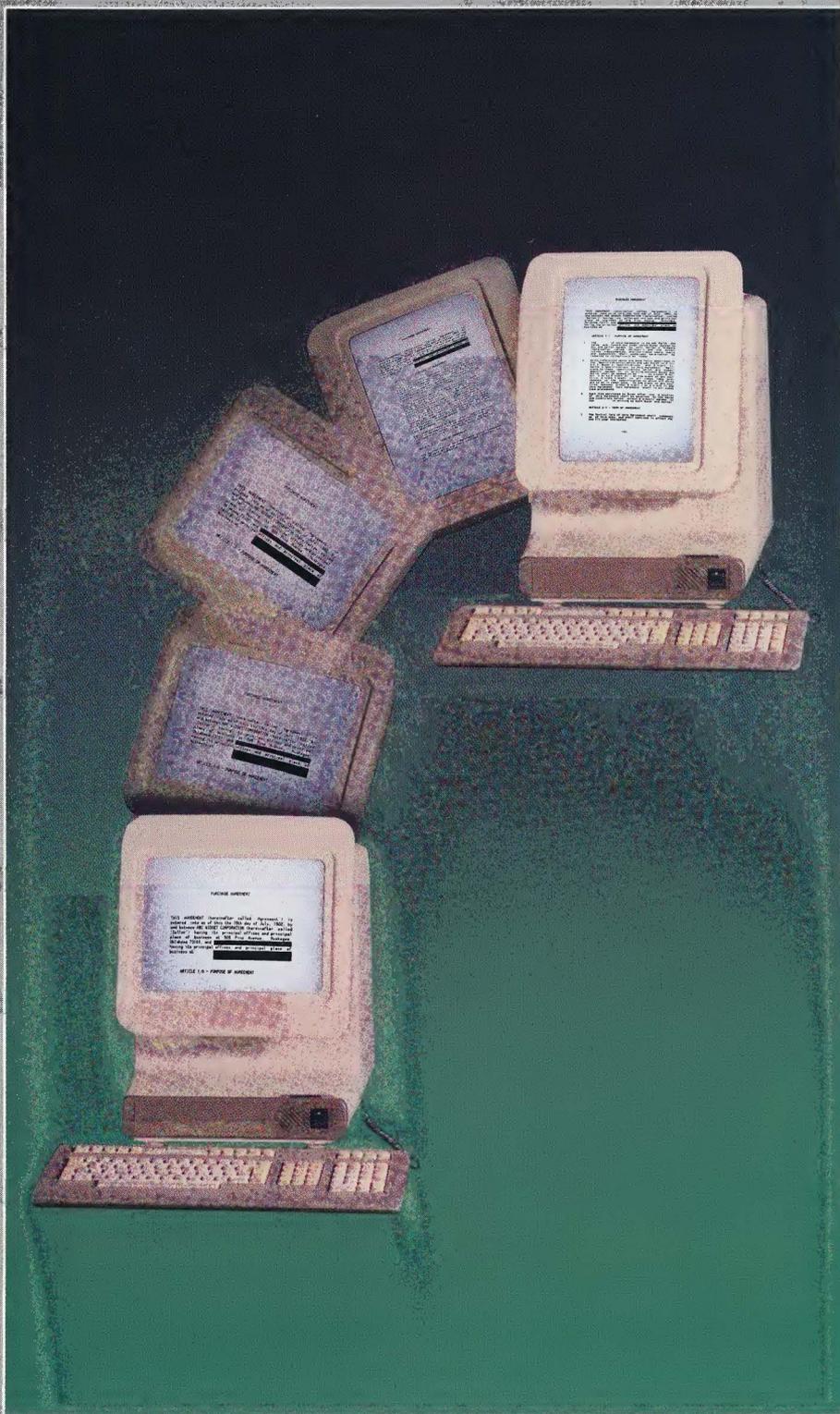
The landscape format displays 16 by 20-dot characters and includes three pages of memory to increase the terminal's capacity to 72 lines.

The full-page format is a 7 by 9-dot display that allows 5,760 characters on a single page. Major applications for the full-page format are word-processing and programming.

The **TWIST** also features a low-profile, ergonomically designed keyboard that meets DIN specifications.

The native mode of the **TWIST** is ANSI 3.64, in which the unit is completely compatible with the DEC VT102 (except the 132-column mode).

For non-ANSI users, the terminal can be used in a custom mode, in which the user may program the escape sequences and control codes according to his system needs. This can be done easily from the keyboard or downloaded from the host.

MICRO-TERM, INC.

TWIST

Compatibility	Emulations	DEC VT100, DEC VT52, ANSI 3.64—also, **custom mode** allows configurations to other popular terminals
Display	Screen Size	15-inch diagonal
	Phosphor	P-04 non-glare White-on-White—standard (non-glare Amber—optional*)
	Capacity	128 characters (alternate character generator—optional*)
	Format	Landscape: 24 lines x 80 columns; 25th status line Full-Page: 72 lines x 80 columns; 25th status line
	Character Size	7 x 16 or 16 x 20 dot matrix
	Video Attributes	Normal, blink, blank, underline, reverse, bold, double-high/wide characters, in landscape format
Editing	Capabilities	Auto line end, insert/delete character, insert/delete line, erase to end of line/screen, erase line/page to cursor, wrap enable/disable, settable tabs
	Cursor Control	Home, up/down, left/right, line feed, reverse line feed
	Scrolling	Scroll up/down, smooth scroll in landscape format, dual-speed smooth scroll, jump scroll, no scroll
Keyboard	Layout	89 keys arranged similar to standard typewriter keyboard with 18-key auxiliary keypad and 14 additional function keys (host-definable or user-programmable)
	Features	121-key detachable unit with 6-foot (1.8 m) cord, keyboard lock, keyclick enable/disable, DEC VT52 alternate keypad mode
Communications	General	Non-volatile soft set-up mode, data terminal-ready protocol, auto XON/XOFF, five LED indicators, answer-back message, report cursor positioning, set video attributes, screen saver, master reset, bell, protected fields, block mode with protected fields
	Interface	EIA RS232, 20 mA current loop—optional*
	Baud Rate	75 to 19.2k
Print	Capabilities	Automatic printing mode, bidirectional pass-through printer port, monitored/non-monitored pass-through printing, transparency mode, print line/page, printer status report
Power	Voltage and Frequency	115 volts/60 Hz—standard 220 volts/50 Hz—optional*
	Input Power	75 watts
Dimensions	Monitor	19.0"H x 16.0"W x 15.0"D (48.3H x 40.6W x 38.1D cm)
	Keyboard	1.6"H x 20.5"W x 8.0"D (4.1H x 52.1W x 20.3D cm)
Weight	Monitor	43 lbs. (19.4 kg)
	Keyboard	3 lbs. (1.4 kg)
	Shipping Weight	53 lbs. with box (23.9 kg)
Environments	Operating	Temp: 41° to 122°F (5° to 50°C) Rel. Humidity: 5% to 95%
General	Warranty	12 months
	*Options	Non-glare Amber screen, 20 mA current loop, alternate character generator

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