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WY-370



High-Performance Color General Purpose Terminal

Benefit immediately from the superior display features of this high-performance color terminal. Advanced technology and enhanced user ergonomics allow you to easily take advantage of the WY-370's exceptional capabilities.

ANSI, ASCII, and Tektronix graphics personalities

- 64 foreground and 64 background colors
- User-definable software windows with simultaneous dual sessions
- High-resolution 16 x 20 character cell
- 74 Hz refresh rate with overscan
- Optional cartridge to support PC Term/PCgraphics personalities and additional parallel port

ERGONOMICS

- Colors: P22 phosphor; 64 independent foreground and background colors in alphanumeric mode
- Monitor: 14-inch diagonal, non-glare CRT with overscan; .28 mm dot pitch
- Video: Borderless, full screen image (245 mm x 185 mm); user-selectable positive or negative video
- Refresh: Flicker-free 74 or 60 Hz alpha mode; 65 Hz graphics mode
- Controls: Clustered brightness and contrast controls mounted adjacent to front bezel; front mounted power switch; front mounted LED power on indicator
- Adjustments: Tilt and swivel

ALPHANUMERIC FEATURES

- Personalities: ANSI: WY- 370 Native, DEC VT320, VT220, VT100, VT52, Intecolor 220; ASCII: Wyse WY-350, TeleVideo 950, Esprit III, ADDS A2
- Fonts and Character Sets: 128 character U.S. ASCII; DEC Multinational; ISO 8859-1; simultaneously

Setting the Standard

The WY-370, with a programmable palette of 64 foreground and background colors, offers superior screen handling and display modes for the best possible operator interface and product performance. Display ergonomics include overscan, a 74 Hz refresh rate for flicker-free viewing. The high-resolution mode can display crisp, clear characters for a great looking screen.

Exceptional Design

The WY-370 is compatible with a wide range of industry standard applications and can be programmed for immediate access to all its special features. Users get the additional benefits of color without changing or replacing existing software. Flexibility takes on new meaning with the WY-370. The ideal terminal for UNIX, XENIX, and countless other environments, the WY-370 is compatible with industry standards such as DEC VT320, VT220, VT100 (ANSI), WY-350 (ASCII), and Tektronix Graphics.

Advanced Technology

The WY-370 combines a Wyse custom-designed Application Specific Integrated Circuit (ASIC) gate array with the 16-bit MC 68000 microprocessor, providing superior high-performance and increased reliability and quality. This exceptional technology supports unique sessioning features for enhanced productivity. User-definable software windows can configure the screen both horizontally and vertically, and the dual-port capability provides the flexibility to run and operate two distinct sessions simultaneously. The WY-370 provides unmatched quality, outstanding price/performance, and unrivaled features that have become trademarks of distinction from Wyse, the world's largest independent terminal manufacturer.

TECHNOLOGY

- Processor: 8 MHz 68000 microprocessor
- Memory: 64K high speed static CMOS RAM (includes 16K lithium battery-backed RAM)
- Video: Surface-mounted Wyse-designed application-specific integrated circuit

ADDITIONAL FEATURES

- User-intuitive windowed set-up menus and help messages
- WyseWorks Personal Productivity Tools (calculator, datebook, alarm)

PHYSICAL CHARACTERISTICS

- Height: 13.5 in (345 mm)
- Width: 14.0 in (355 mm)
- Depth: 14.5 in (370 mm)
- Footprint: 11.5 in (wide) x 11 in (deep); 297 mm (wide) x 278 mm (deep)
- Weight: 45 lb

program and display 512 unique characters

- Resolution: Up to 1280 x 520
- Character: 16 x 20 cell at 80 columns by 26 rows at 60 Hz refresh
- Formats: 26/52 lines by 80/132/161 columns with up to 3 pages of display memory; vertical/horizontal split
- Attributes: All combinations of reverse, blink, blank, underline, dim, bold; choice of double-high and/or double-wide per line

GRAPHICS FEATURES

- Personalities: Tektronix 4010/4014
- Resolution: 640 x 480 pixels; 1:1 square pixel aspect ratio
- Character Set: 128 character US ASCII
- Formats: 36 lines by 80 columns or 60 lines by 128 columns

KEYBOARD

- Design: Low-profile with two-position tilt; detachable with 5-foot (1.5 meter) coiled cable
- Customization: Two independent, non-volatile user-definable function key buffers
- Layouts: Choice of VT32 ANSI (105 keys), Enhanced PC (102/103 keys), Wyse ASCII (101 keys)

COMMUNICATIONS

- Modes: Full/half duplex, block, monitor (debug)
- Port A: RS-232/RS-422 serial, female DB-25 connector; up to 76.8 Kbaud
- Port B: RS-232 serial, female DB-25 connector up to 38.4 Kbaud

- Power: 120VAC +10%; 47- 63 Hz

ENVIRONMENTAL Temperature Range

- Powered on: 50° to 104°F (10° to 40°C)
- Powered off: 32° to 140°F (0° to 60°C)

Humidity

- 20% to 80% non-condensing

Altitude Operating Range

- 0 to 10,000 feet (0 to 3,048 meters)

REGULATORY COMPLIANCE

Safety

- UL and CSA approved Radio Frequency and Emissions
- FCC Class A

WARRANTY

- One year limited warranty

MODEL NUMBER

- WY-370 color terminal 900251-01 OPTIONS
- WY-370 Personality Cartridge 900523-01 (10 pack)
- WY-370 PCTerm cartridge 900858-01 (10 pack)
 - Color PCTerm personality
 - Color PCGraphics CGA personality
 - Color WY-60 based ASCII personality
 - Centronics compatible parallel port

Note: The keyboard is not included with the terminal and must be ordered separately.

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