

LOGIC PRODUCTS

AUGUST 1973

RT02-B Full Keyboard Alphanumeric Terminal



- Reliability:** Long life; plasma type display panel.
- Ease of Interface:** Via standard 20 mA or EIA levels.
- Portability:** Size and weight of a portable typewriter.
- Compatibility:** Fully compatible with Digital's comprehensive line of data communications equipment and processors.

The RT02-B Alphanumeric Terminal is a highly reliable data entry terminal featuring a full keyboard, long-life plasma display and full hardware compatibility with DIGITAL processors.

Enclosed in a portable typewriter-sized case, the RT02-B communicates with remote computers via either 20 mA current loop or EIA levels.

Data is entered on a 58-pad keyboard capable of generating the entire ASCII code and is switch selectable for 64 or 128 characters. A 32-character plasma alphanumeric display provides long-life and freedom from focusing problems.

The RT02-B is particularly valuable where a simple and reliable computer entry device is required. Some of its applications include inventory control, hospital records, stacker crane bin information, and conveyor control instructions.

SPECIFICATIONS

ALPHANUMERIC DISPLAY

Number of Character Positions	32
Character Set	64-character modified ASCII, upper case.
Character Height	0.2"
Aspect Ratio	5 x 7
Color	Red
Viewing Angle	120°

KEYBOARD

Number of Keys	58
Character Set	ASCII, 64 or 128 characters

DISPLAY CONTROL FUNCTIONS

- Clear Display
- Blank Display
- Unblank Display

AUDIBLE SIGNAL

- Under software control when ASCII bell code received (007).
- Jumper option for local audible signal when 28th character displayed.

DATA INPUT/OUTPUT

- Levels: TTY, 20 mA, isolated current loop.
EIA RS-232C
- Transmit/Receive Rates: 110/110 baud, TTY+EIA
150/150 baud, TTY+EIA
300/300 baud, TTY+EIA
1200/1200 baud, EIA
110/1200 baud, EIA
150/1200 baud, EIA

- Character Format: 8 level asynchronous serial ASCII.
2 stop bits (110 baud).
1 stop bit (150, 300, 1200 baud).
- Input/Output Connectors: 8-pin Mate-N-Lok (TTY)
Cinch DB25P (EIA)

GENERAL

Line Voltage	RT02-BA	115 V, 47-63 Hz
	RT02-BB	230 V, 47-63 Hz
Power		50 W Maximum
Size		14-3/8" w x 6-1/4" h x 15-7/8"d

DIGITAL EQUIPMENT CORPORATION, Maynard, Massachusetts, Telephone: (617) 897-5111 • ARIZONA, Phoenix • CALIFORNIA, Sunnyvale, Santa Ana, Los Angeles, Oakland, San Diego and San Francisco (Mountain View) • COLORADO, Denver • CONNECTICUT, Meriden • DISTRICT OF COLUMBIA, Washington (Riverdale, Md.) • FLORIDA, Orlando • GEORGIA, Atlanta • ILLINOIS, Chicago • INDIANA, Indianapolis • LOUISIANA, New Orleans • MASSACHUSETTS, Cambridge and Waltham • MICHIGAN, Ann Arbor and Detroit (Southfield) • MINNESOTA, Minneapolis • MISSOURI, St. Louis • NEW JERSEY, Englewood, Metuchen, Parsippany and Princeton • NEW MEXICO, Albuquerque • NEW YORK, Centereach (L.I.), Manhattan, Syracuse and Rochester • NORTH CAROLINA, Durham/Chapel Hill • OHIO, Cleveland and Dayton • OKLAHOMA, Tulsa • OREGON, Portland • PENNSYLVANIA, Philadelphia and Pittsburgh • TENNESSEE, Knoxville • TEXAS, Dallas and Houston • UTAH, Salt Lake City • WASHINGTON, Seattle • WISCONSIN, Milwaukee • ARGENTINA, Buenos Aires • AUSTRALIA, Adelaide, Brisbane, Melbourne, Perth and Sydney • AUSTRIA, Vienna • BELGIUM, Brussels • BRAZIL, Rio de Janeiro, São Paulo and Porto Alegre • CANADA, Calgary, Alberta; Vancouver, British Columbia; Ottawa and Toronto, Ontario; and Montreal, Quebec • CHILE, Santiago • DENMARK, Copenhagen • FINLAND, Helsinki • FRANCE, Grenoble and Paris • GERMANY, Cologne, Hannover, Frankfurt, Munich and Stuttgart • INDIA, Bombay • ITALY, Milan • JAPAN, Tokyo • MEXICO, Mexico City • NETHERLANDS, The Hague • NEW ZEALAND, Auckland • NORWAY, Oslo • PHILIPPINES, Manila • PUERTO RICO, Miramar • SPAIN, Barcelona and Madrid • SWEDEN, Stockholm • SWITZERLAND, Geneva and Zurich • UNITED KINGDOM, Birmingham, Edinburgh, London, Manchester and Reading • VENEZUELA, Caracas