

decsystem10

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DC 72 REMOTE STATIONS



FEATURES

- Full duplex, bi-directional, simultaneous transmission
- Card reader, 300 cards/minute
- Line printer, 132 columns, speeds from 165 characters/second up to 1000 lines/minute
- Up to 16 local terminals at speeds up to 2400 baud
- Computer-based remote station offers flexibility for special remote transmission needs
- Automatic error checking and line control
- Dedicated Line
- Interface to EIA-RS232-C standard modems

The DC72 Series Remote Stations and options make DECsystem-10 peripherals available to any distant site that can be connected to a DECsystem-10 by a synchronous communication line. The remote peripherals supported include 110- to 2400-baud asynchronous ASCII terminals, (e.g. the LA30 DECwriter, VT05 Video Display Terminal, RT01 and RT02 DElink Data Entry Terminals), line printers, and card readers. These remote peripherals act like their local counterparts.

The DC72A, B and C are basic stations that include a 10-character/second operator console, a 300-card/minute reader and a 132-column line printer.

The DC72A features a 165-character/second, 64-character set printer. This printer gives high-quality dot-matrix printing and simple 2-channel vertical-format control. The DC72B has a faster drum printer with a 64-character set. The speed of this printer varies from 1000

lines/minute, for lines under 20 columns long, to 245 lines/minute for full 132-column lines. The vertical-format unit is a single-channel unit preset for 11-inch-high pages. The DC72C is similar to the DC72B, but offers a 96-character set that includes lower-case letters and additional symbols; the printing speed is reduced to 173 132-column lines/minute.

The DC72L is a terminal-concentrator package, for eight terminals, used to expand any of the DC72 series. The DC72L has speeds individually selectable for each line and allows transmission rates of 110 to 2400 baud and reception rates of 110 to 300 baud. Two DC72L's can be attached to each DC72A, B or C.

The supporting software for the DC72 is an evolution of the DC71 software announced in 1971. It takes full advantage of full duplex communication with the DECsystem-10 to run both card reader and line printer simultaneously, while providing good interactive response for up to 16 terminals.

The DC72 was developed to provide users separated from a central DECsystem-10 with a full set of user-oriented input-output equipment at a price comparable to a conventional RJE terminal. In addition to the RJE capability, the DC72 provides an interactive terminal for operator control, dedicated applications, and general timesharing use.

The DC72, connected to a DECsystem-10, is the ideal solution for a group that needs the DECsystem-10's capabilities, but lacks space for a complete system or is located some distance from the central site.

DC72 SUMMARY

	Console	Processor	Card Reader	Line Printer	Terminals
DC72A	10 characters/second	PDP-8/E	300 cards/minute	64-character set 165 characters/second	up to 16 with DC72L terminal concentrator
DC72B	10 characters/second	PDP-8/E	300 cards/minute	64-character set 245 lines/minute	up to 16 with DC72L terminal concentrator
DC72C	10 characters/second	PDP-8/E	300 cards/minute	96-character set 173 lines/minute	up to 16 with DC72L terminal concentrator

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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 • 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