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 DEClink 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 RJL terminal. In addition to the RJL 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

<table>
<thead>
<tr>
<th>Console</th>
<th>Processor</th>
<th>Card Reader</th>
<th>Line Printer</th>
<th>Terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC72A</td>
<td>PDP-8/E</td>
<td>300 cards/minute</td>
<td>64-character set/165 characters/second</td>
<td>up to 16 with DC72L terminal concentrator</td>
</tr>
<tr>
<td>DC72B</td>
<td>PDP-8/E</td>
<td>300 cards/minute</td>
<td>64-character set/245 lines/minute</td>
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</tr>
<tr>
<td>DC72C</td>
<td>PDP-8/E</td>
<td>300 cards/minute</td>
<td>96-character set/173 lines/minute</td>
<td>up to 16 with DC72L terminal concentrator</td>
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