ABOUT DILOG

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## Controllers / Couplers

**Disk Controllers**
- Interface SMD, ESMD, ESDE, STS06/412, SA450 and SCSI drives
- Compatible with Q-BUS and UNIBUS
- DU driver emulations
- Computer generated 32 and 48 bit ECC polynomials
- Support drive transfer rates up to 3MB/sec
- Ample buffering to support up to 1:1 sector interleave
- Data latency conditions are non-existent
- Universal Formatting
- Compatible with RT-11, RSX-11M + , RSTS, MicroVAX, ULTRIX, MUMPS, VMS and UNIX

**Tape Couplers**
- Interface industry standard 1/2-inch formatted, QIC-02 and SCSI tape drives
- Compatible with Q-BUS and UNIBUS
- TU driver and traditional TSO/5 and TSO/11 emulations
- 18 or 22 bit addressing
- Support drive transfer rates up to 1.25 MB/sec
- Up to 64k character transmit buffer
- Up to 312 character receive buffer
- Compatible with RT-11, RSX-11M + , RSTS, MicroVAX, ULTRIX, MUMPS, VMS and UNIX

**Asynchronous Communications Controllers**
- Compatible with Q-BUS and UNIBUS
- Complete range of distribution panels
- DHU11 and DHU11 driver compatible
- Up to 64 character transmit buffer
- Up to 312 character receive buffer
- Full DHV and DHU modem support
- 65,000 character throughput
- BIA RS-232-C/V.28, BIA RS422 interfaces supported
- Support data rates to 38.4K baud
- Compatible with RT-11, RSX-11M + , RSTS, MicroVAX, ULTRIX, MUMPS, VMS and UNIX

## Subsystems

### ADD-IN Expansion Subsystems
- Compatible with Micro-PDP-11 and MicroVAX II
- Available with STS06, ESMD, or SCSI Winchester drive, or 8mm helical scan tape
- Complete range of DLOG STS06, ESMD and SCSI controllers to maximize system performance
- Each DISK kit includes a Winchester drive ranging from 70MB to 640MB formatted, a DLOG disk plate, user panel, and cables
- Each tape kit includes an 8mm helical scan tape drive featuring up to 2 gigabytes of storage per cartridge, DLOG SCSI host adapter, skid plate and cables
- MTRF of 30,000 hours

### SDI
- Compatible with DBC KDA50, KB50, UDA50, HSC50 and HSC70
- High capacity Winchester drives providing up to 2.4 gigabytes of formatted storage per subsystem
- Winchester drives are available in a fixed or removable configuration
- Compatible with DBC KDA50, KB50, UDA50, HSC50, or HSC70
- DEC software compatible
- DEC diagnostic compatible
- Can be added to existing cabinets
- Small footprint provides more megabytes per square inch than any other solution
- MTRF of 30,000 hours

### Removable Disk
- Compatible with Q-BUS, UNIBUS, and SDI
- Drives can be removed for security, swapping, transfer, or storage
- Zero insertion force connector for high reliability (up to 20,000 connection cycles)
- Available with STS06, ESMD, SCSI, SDI, SA450, and QIC-02
- One to two 8 inch peripherals per 5.25 inch high enclosure
- 8 inch interface available include SCSI and SMD
- Back-up options available
- Available with a full complement of Dilog peripheral controllers supporting all the above drive interfaces
- Rackmount, tower, or tower enclosures available
- Up to 2.6 gigabytes of secure and removable disk capacity per subsystem

### Fixed Disk
- Compatible with Q-BUS, UNIBUS, and SDI
- One to four 5.25 inch peripherals per 5.25 inch high enclosure
- 5.25 inch interface available including STS06, ESMD, SCSI, SDI, SA450, and QIC-02
- Choice of rackmount, table top, or skid plate configurations
- DEC software compatible
- 41/2 INCH REEL-TO-REEL
- Compatible with Q-BUS, and UNIBUS
- 800, 1600, 3200, 6250 BPI tape drives available
- High speed range of DBC TS and MU driver compatible Dilog tape couplers
- DEC software compatible
### Subsystems

<table>
<thead>
<tr>
<th>SDI</th>
<th>Removable Disk</th>
<th>Fixed Disk</th>
<th>Tape</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible with DEC K50, K60, UDA50, HS50 and HSC70.</td>
<td>Compatible with Q-BUS, UNIBUS and SDI</td>
<td>One to four 5.25 inch peripherals per 5.25 inch high enclosure</td>
<td>Compatible with Q-BUS</td>
</tr>
<tr>
<td>High capacity Winchester drives providing up to 2.4 gigabytes of formatted storage per subsystem.</td>
<td>Drives can be removed for security, swapping, transfer, or storage</td>
<td>5.25 inch interface available including ST506, ESDI, SCSI, SDI, SA450, and QIC-02</td>
<td>QIC-02 1/4 inch tape in 60MB or 125MB capacities</td>
</tr>
<tr>
<td>Winchester drives are available in a fixed or removable configuration.</td>
<td>Zero insertion force connector for high reliability (up to 20,000 connection cycles)</td>
<td>One to two 8 inch peripherals per 5.25 inch high enclosure</td>
<td>QIC-02 tape featuring up to 2 gigabytes on a single cartridge</td>
</tr>
<tr>
<td>Compatible with DEC K50, K60, UDA50, HS50, HSC70.</td>
<td>Available with ST506, ESDI, SCSI, or SMD drives</td>
<td>8 inch interfaces available include SCSI and SMD</td>
<td>Choice of rackmount, tabletop, or skid plate configurations</td>
</tr>
<tr>
<td>DEC software transparent.</td>
<td>Each drive includes an activity panel with drive power, drive ready, drive active, and write protect.</td>
<td>DEC software compatible</td>
<td>DEC software compatible</td>
</tr>
<tr>
<td>DEC diagnostic compatible.</td>
<td>Audio/visual alarm system</td>
<td>SDI 8mm tape featuring up to 2 gigabytes on a single cartridge</td>
<td>1/4 INCH REEL-TO-REEL</td>
</tr>
<tr>
<td>Can be added to existing cabinets.</td>
<td>Backup options available</td>
<td>Choice of rackmount, tabletop, or skid plate configurations</td>
<td>Compatible with Q-BUS, and UNIBUS</td>
</tr>
<tr>
<td>Small footprint provides more megabytes per square inch than any other solution.</td>
<td>Available in rackmount, tabletop, or floor mount configurations</td>
<td>Rackmount, tabletop, or tower enclosures available</td>
<td>500, 1600, 3200, 6250 BPI tape drives available</td>
</tr>
<tr>
<td>MTBF of 30,000 hours</td>
<td>Up to 2.6 gigabytes of secure and removable disk capacity per subsystem</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
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</table>

### Systems

<table>
<thead>
<tr>
<th>FS Series</th>
<th>VS Series</th>
<th>TS Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compatible with 11/73 and 11/83</td>
<td>Compatible with 11/73, and 11/83</td>
<td>Compatible with 11/73 and 11/83</td>
</tr>
<tr>
<td>Tabletop, rackmount and floor mount enclosures</td>
<td>Attractive tabletop enclosure</td>
<td>Tabletop and rackmount enclosure</td>
</tr>
<tr>
<td>20MB to 1.2 GB Winchester disk capacity</td>
<td>20-100MB of Winchester disk</td>
<td>Single 8&quot; Winchester or up to four 5.25&quot; Winchester drives</td>
</tr>
<tr>
<td>ST506, ESDI, or SCSI drives available</td>
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<td>ST506, ESDI, SCSI, or SMD drives</td>
</tr>
<tr>
<td>RX50/RX33 or QIC-02 backup options</td>
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</tr>
<tr>
<td>8 slot quad wide backplane</td>
<td>4 slot quad wide backplane</td>
<td>40 MB to 2.4GB capacity</td>
</tr>
<tr>
<td>40 amp power supply</td>
<td>25 amp power supply</td>
<td>9 slot hex wide backplane</td>
</tr>
<tr>
<td>Full range of options include: networking, communications, memory, terminals and printers.</td>
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<td>50 amp power supply</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Full range of options include: networking, communications, memory, terminals and printers.</td>
</tr>
</tbody>
</table>
SERVICES

PRODUCT SUPPORT

After purchase you can rely on DILOG for product support...today, or in the future. Just a phone call away...world-wide.

This support starts at the factory, where every DILOG product is thoroughly tested to ensure trouble-free products. Still, it's good to know if there is an occasional problem. DILOG field service is near. Presently 22 service centers in the USA, Canada, England and Switzerland.

Product support covers a number of standard and specialized service options that customers can tailor to their own needs. These include the standard service warranty, installation, spares programs and on-site warranty service, which is among the most comprehensive in the industry.

INSTALLATION

For customers that require assistance, DILOG service engineers are available to provide optional installation. Simply contact the factory, your sales office or nearest service center to arrange a schedule.

FIELD SERVICE AND MAINTENANCE

You can obtain DILOG's fast service and skilled maintenance on a scheduled or as-needed basis for DILOG or third party products...board level to many complete systems. A cost effective way to ensure your system operates at peak performance.

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WARRANTY

All DILOG products carry a one year return to factory warranty on labor and most parts. This warranty extends to the final user (even though a distributor, OEM or VAR may have been the original customer).

If the customer has questions regarding operation, product service engineers are available for telephone support at DILOG service or operation centers on all legal working days. In emergency situations, DILOG offers an optional “Hot Spares” program to assure timely system repair. Or if desired, arrangements may be made for on-site warranty service, which is among the most comprehensive in the industry.

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