

## PRODUCTS

### DOT MATRIX IMPACT PRINTHEADS

With 100% duty cycles, 2 replacement heads feature 75M- and 100M-char lives for use with model 7040-T ticket printers and model 7040 journal printers, respectively. They consist of 7 ballistic clapper type solenoids which activate 7 printwires. Printwires strike the ribbon to form the char while the head is serially driven at a constant speed across the print area. Char width and density can be varied using software. Both can print continuously without overheating. **LRC, Inc.**, Technical Research Pk, Riverton, WY 82501.

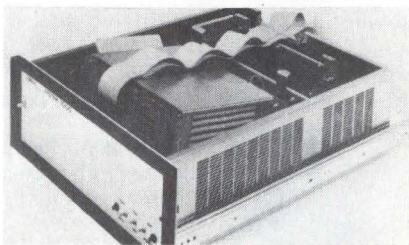
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### HIGH SPEED MULTIPLEXER

A line sharing device that can subdivide 38.4k-bit/s communications lines into multiple 9600-bit/s lines, the LSD 384 smart inverse multiplexer can be connected to IBM 370X frontend control units or to local control units in PIXNET data communications networking systems. The multiplexer includes microcomputer, channel interfaces, modem interfaces, and an integral LSI-96 9600-bit/s modem. **Paradyne Corp.**, 8550 Ulmerton Rd, Largo, FL 33541.

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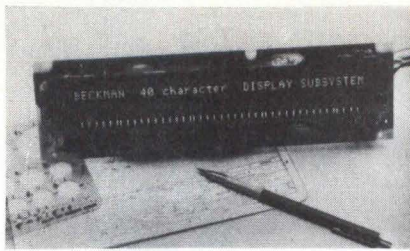
### HARD DISC COMPATIBLE ENCLOSURE AND INTERFACE



Compatible with the DEC RLV11 hard disc controller, the series 1000/RLV11 system contains a backplane/cardcage that is Q-bus, LSI-11, -11/2, and -11/23 compatible. The 11 x 4" (28 x 10-cm) backplane has connector rows 1 through 3 and 6 through 11 prewired to accept a total of 9 DEC Q-Bus compatible quad size or 18 half-quad cards. The rackmountable system enclosure [17 x 21.5 x 6.9375" (43 x 54.6 x 17.6213 cm)] also contains a switching power supply with 5 V at 25 A, 12 V at 3 A, and  $\pm 15$  V at 1.5 A. **ADAC Corp.**, 70 Office Tower Pk, Woburn, MA 01801.

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### PLANAR GAS DISCHARGE DOT MATRIX DISPLAY



The 40-char subsystem, driven by a single 5-V supply, has a std 8-bit parallel bidirectional bus interface and includes display, hardware, and software. Each char provides 100 ft-L (343 candela/m<sup>2</sup>) of orange illumination. Char are dimmable and viewing angle is 130° min. Controlled by an Intel 8041A microcomputer, the subsystem accepts ASCII input. Char can be entered from left or right or randomly. **Beckman Instruments, Inc., Display Systems Div.**, 350 N Hayden Rd, Scottsdale, AZ 85257.

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### GOLD INLAY OR COPPER ALLOY INSERT DIP SOCKETS

Construction of the 2xx-AG49D DIP uses nickel-silver alloy contacts with gold inlay on the contact area only, and tin overlay on the solder tail. The 2xx-AG29D model features low cost copper alloy contacts plated with tin lead and meets MIL-S-83734. Both additions to the 200 series low profile sockets are end to end and side to side stackable. Sockets are available from 8 to 40 pins. **Augat Inc.**, 33 Perry Ave, Attleboro, MA 02703.

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### ENCODED ASR-33 KEYBOARD REPLACEMENT

A 53-key encoded keyboard is a direct replacement for a 753 type keyboard. Switch layout of the M-53 keyboard is the same as standard ASR-33 format with hardwired keys for line feed, escape, and repeat. Encoded with MOS circuitry, 7-bit ASCII output, and std 2-key rollover, the keyboard interfaces via Cinch type 50-15-A-20 connectors; solder pads near the connector finger provide for alternate cabling arrangements. Options include u/lc, or uc alpha only. **Maxi-Switch Co.**, 9697 E River Rd, Minneapolis, MN 55433.



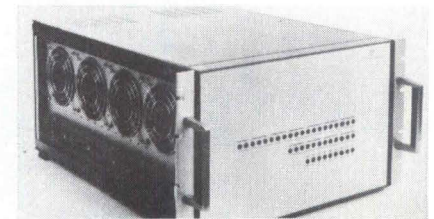
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### LOW PROFILE 2-SPEED S-D CONVERTER

True tracking type converters functioning from 50 to 1200 Hz without the need for external transformer modules, the 168F500 units feature industry std pinouts. Speed ratios are 1:36, 2:36, 1:4, 1:8, 1:16, 1:32, and 1:64, with resolution to 16 bits. Tracking rates are 720°/s; accuracy for the 1:36 speed ratio is  $\pm 0.41$  min of arc (worst case). Std models accept 11.8- or 90-V rms inputs from synchros or resolvers with reference voltages of either 26 or 115 V rms, 50 to 1200 Hz. **Control Sciences, Inc.**, 8399 Topanga Canyon Blvd, #303, Canoga Park, CA 91304.

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### DISC EMULATOR

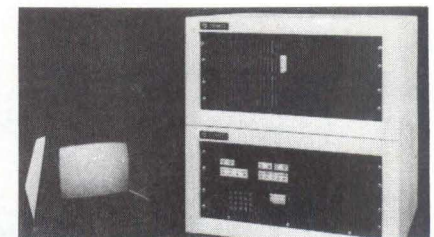


DE08 is a 256k-word solid state bulk memory system that emulates the DEC RF08 fixed head disc system. It is suitable for use in any situation that requires high speed memory swapping. Built around the company's std 16k-word memory boards, the emulator is packaged in a self-contained 10.5" (26.7-cm) high, 19" (48-cm) rack-mountable chassis. Power requirements are 115 Vac at 3.5 A max. Data access and transfer rates are 5.9  $\mu$ s. **Computer Extension Systems, Inc.**, 17511 El Camino Real, Houston, TX 77058.

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### CIRCUIT PATH TEST SYSTEM

Linking asynchronously with a host computer, model 1042 microprocessor controlled interconnect test system lists data in unit under test (UUT) language; test programs are in both UUT and analyzer language. Comprised of CRT operator console; control console with keypad, diskette drive, and alphanumeric printer; and switching console, the solid state system has a capacity of 128 terminations and is expandable to 16k terminations. **DIT-MCO International**, 5612 Brighton Ter, Kansas City, MO 64130.



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