

MODEL PDX-R PRINT RECORDER FOR PARALLEL INTERFACE

Model PDX-R print data recorder replaces physical printers. It stores print data from your computer parallel cable onto an inexpensive flash media card. It's use suits capturing of data for archiving where a hardcopy printout is not required. In many applications it can be left unattended for days and weeks as the memory card can store approximately 2.5 million print lines of text. Just plug in your parallel print cable, then you are ready to capture print jobs onto popular flash memory cards.

Use to:

- Archive print data for quality assurance or record keeping. (Example: FDA 21 CFR Part 11 Compliance).
- Eliminate redundant printers, eg. alarm printers.
- Capture databases from retiring legacy systems.
- Eliminate manual transcribing of printout data to other systems.

- Uses popular and inexpensive SD Memory Cards
- Record 2.5 million print lines @ 100 characters/line (256MB card)
- Minimum operator knowledge required, - no controls on front panel.
- No software or setup is required, just plug in cable.
- Front panel LED's blink as heartbeat to confirm operation even at a distance.
- Small durable package downsizes printer footprints.
- Operation recovers automatically without user intervention after power outages.



Low volume printouts can be recorded for days and weeks without operator intervention using the 2.5 million print line capacity of the memory card. (at 100 characters/line).

File name created: RECORD.TXT

PASSTHRU TO THE PRINTER OR ELIMINATE THE PRINTER



PRINTER REPLACEMENTS MAY INCLUDE:

- Desktop Dot Matrix (eg. Okidata, Fujitsu, Epson, Roland, Panasonic).
- High Speed Lineprinters (eg. 1,000 lines/minute)
- InkJet printers (non GDI/Winprint style)
- Laser printers (non GDI/Winprint style)
- Thermal Barcode Label Printers (eg. Datamax, Zebra)
- POS Printers (eg. Epson)
- Alarm Printers

NATURE OF RECORDING

The data stream is recorded directly to the flash memory card without any formatting applied to the data. The memory card is recognized as a disk drive on the PC, example "F", or "G" drive. The recording file name is always: RECORD.TXT. The user may use a USB/SD Card reader if a SD Media Card Reader doesn't already exist on the PC. Only RECORD.TXT file created by the Model PDX recorder is allowed on the memory card. The recorder will append print data to the file if the card is removed and returned to the recorder. The user may clear the data by deleting the file on a PC, then Model PDX-R automatically creates a new empty RECORD.TXT file.

DISPLAYING THE RECORDED DATA

Many printers print plain text data. In that case, the recorded data will display in a wordprocessor such as MS Notepad or Word very well, without any data formatting applied. Such data may also open in spreadsheets if the print is columnar type, eg. alarm printer type data. If the printing system is "non-text" such as printing rich text or graphics using a printer emulation, eg. Epson Escape Commands, then the user can consider applying viewing software that is available from many suppliers, eg. use PCL viewing software when print stream is using PCL printer emulation. Another example is PCL to .PDF software converters. Some installations are prepared to develop their own software that will open large .TXT files and parse the data for specific use.

The RECORD.TXT file can also be dumped out of the PC back to a same printer for an exact reprint.

SPECIFICATIONS

- Recording Capacity:** Approx. 250 Megabytes (2.5 million print lines @ 100 characters/line).
- Flash Memory card:** SD Classic original style. 24mmx34mm size. not SDHC, not Mini SD. 256MB minimum, 1 GB common compatibility. 4 GB maximum.
- Parallel Interface:** Common classic "Centronics", IEEE-1284 Centronics, Legacy Centronics types. 8 Bits
- Optional Interfaces:** Various inputs for legacy styles including Dataproducts, Digital Equipment, Tandem, Lockheed, Prime, Data General, MAI, NCR, Unisys, HP, NCR Parallel.
- Operating Modes:** Record when power is on.
- LED Indicators:** Front Panel unique dual HeartBeat blinking to help user confirm operation even at a distance. Power LED.
- Audible:** Beep at power up/power down helps confirm operation.
- Front Panel:** No operator controls. 2 heartbeat LED's, 1 Power LED
- Ports:** *Input:* Classic 36 Pin Centronics Female Connector with wire bail locks. Accepts parallel cables from PC's, legacy computer systems, and print servers. *Output:* DB25 LPT Parallel. Eg. IEEE-1284 Centronics Mode
- Power:** 9 Volt DC 300ma to 500ma Wallmount Adapter: 2.1 x 5.5mm Type P5 Plug. Center Contact Positive. UL/cUL Listed
- Physical:** Dimensions: 15x10x3cm Weight: 135grams Material: ABS Plastic

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