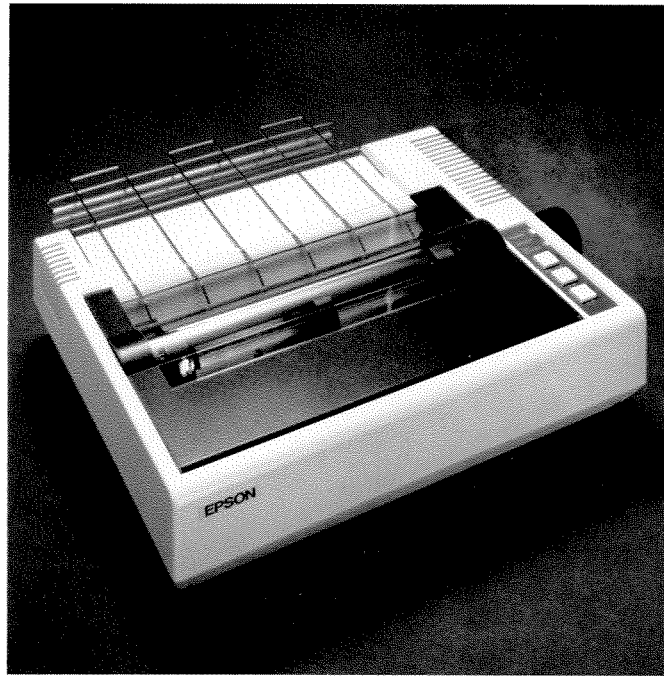


# The Epson MX-80



80-Column  
Dot Matrix Printer.

The MX-80 is one of the most advanced 80-column dot matrix printers available to the peripheral market. That's easy to say—but we can prove it.

**The world's first *disposable* print head.**

This is the feature that will rank as "most imitated" over the next few years.

The product of three long years of R&D, the MX-80 features many performance breakthroughs, including the world's first disposable print head. It's conservatively rated at a full 50 to 100 million characters, but service is as simple as changing a ribbon cartridge: Snap the head out. Throw it away. Snap in a new one. It's that easy. The only tool you need is at the end of your arm. Anyone in your office can do it. And the replacement head costs less than 30 bucks. Think about service requirements. Mean Time To Repair. Downtime. This feature is a real *breakthrough*, and heralds an unprecedented level of serviceability and dependability for the office or home.

**Correspondence quality printing.**

A lot of printers costing a lot more can't touch the MX-80's performance. It gives you a choice of 40, 80, 66 or 132 columns of printing in as many as four distinct printing density modes, a total of twelve different combinations which can accommodate nearly any printing requirement. More than half of these utilize multi-strike and/or multi-pass techniques to generate "correspondence quality" printing. It's perfect for manuscripts, mailing labels, proposals, and nearly any other function where you need attractive, clean, clear, well-formed characters. So long as you're not trying to fool someone into thinking that you actually typed a document or letter, the MX-80 can handle nearly all of your text processing requirements.

**A fully loaded printer at a bare bones price.**

It's quite a machine. Bidirectional printing. Logical seeking of shortest lines. 80 CPS. 64 graphics characters. Forms handling. The list of standard features goes on and on. The fact is that there are few printers that can compete with the MX-80 at ANY price. And none—ZERO—in its extraordinarily affordable price range. Total performance coupled with Epson's legendary quality and reliability. The Epson MX-80. It's the printer you've always wanted.

# Specifications

Print method ..... Serial impact dot matrix  
Print Rate ..... 80 CPS  
Print Direction ..... Bidirectional  
Number of Pins in  
  Head ..... 9  
Matrix ..... 9x9  
Line Spacings ..... 1/8", 1/6", 7/72", plus programmable  
Throughput at 10 CPI. Logical seeking function—  
                          105 LPM, 20 character line;  
                          73 LPM, 40 character line;  
                          46 LPM, 80 character line.

## PRINTING CHARACTERISTICS

Character Set ..... Full 96-character ASCII with descenders  
Graphics Characters .. 64 block characters  
Printing Modes ..... Standard.  
                          Double (advance paper 1/206th and  
                          repeat line).  
                          Emphasized (shift right and double  
                          strike).  
                          Double Emphasized (combination of  
                          above).

PRINTING SIZES	Characters per inch	Max. Characters per line
Normal .....	10	80
Normal Expanded .....	5	40
Compressed .....	16.5	132
Compressed Expanded ..	8.25	66

## FORMS HANDLING

Line Feed ..... Programmable length 1 to 85/72nds  
Form Feed ..... Programmable length to 66 lines  
Horizontal Tab ..... To 112 positions  
Vertical Tab ..... To 64 positions

## MEDIA HANDLING

Paper Feed ..... Adjustable tractor-type pin feed  
Paper Width Range ... 4" to 10"  
Number of Parts ..... 3  
Paper Path ..... Rear

## INTERFACES

Standard ..... Centronics-style 8-bit Parallel  
Optional ..... RS232, IEEE488  
Buffer Size ..... 1 line

## SWITCHES/LIGHTS/DETECTORS

Indicators ..... Power Light; Printer Ready; Paper  
                          Out; On Line  
Switches ..... Power On/Off; On Line; Form Feed;  
                          Line Feed  
Detectors ..... Internal buzzer (bell) responds to  
                          Paper Out and error conditions with a  
                          periodic 3-second tone for 30 seconds.

## RELIABILITY

Print Head Life  
  Expectancy ..... 50 to 100 x 10<sup>6</sup> characters  
MCBF (Excluding Print  
  Head) ..... 5 million lines

## INKED RIBBON

Color ..... Black  
Type ..... Cartridge  
Life Expectancy ..... 3 Million characters

## ENVIRONMENTAL CONDITIONS

Operating Temperature  
  Range ..... 41°F to 95°F  
Operating Humidity .. 10 to 80% non-condensing

## POWER REQUIREMENT

Voltage ..... 115V, 60Hz  
Current ..... <1 amp  
Power Consumption .. 100 VA maximum

## SELF TEST MODE

Depressing Line Feed Switch while turning power ON engages  
self-test which prints all characters in ROM.

## PHYSICAL CHARACTERISTICS

Height ..... 4.2"  
Width ..... 14.7"  
Depth ..... 12.0"  
Weight ..... 12 lbs.

Specifications subject to change without notice.

Shown are five of the twelve possible variations of print characters.

[illegible]

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## Epson makes more print mechanisms

## Epson makes more print mechanisms

\* 11/17/81-11/23/81 11/24/81-11/30/81 12/1/81-12/7/81 12/8/81-12/14/81

Printed in U.S.A. MX-80/880