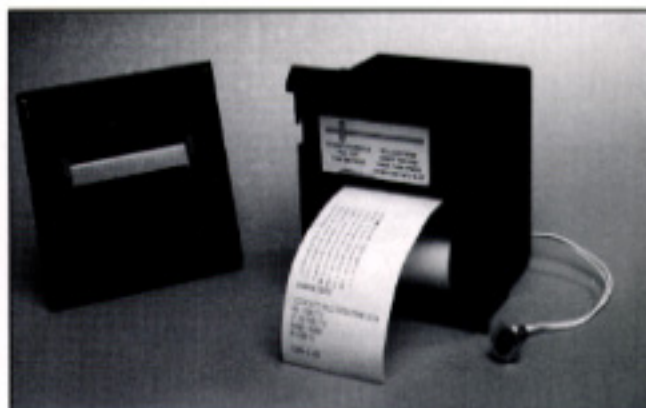


The PL-180/PL-190 Series of panel mount impact printers are ideal for a wide variety of panel mount OEM applications. Using plain paper, the front cover slides off for easy paper loading and roll replacement. The printer has a fast paper feed and paper feed switch as standard features. The paper feed switch can be located remotely for convenience.

This printer is ideal for industrial or laboratory environments.



Standard Features

- 5 VDC input power operation
- Impact dot matrix technology
- Plain paper: 57 mm (2.25 in) wide, 40.64 mm (1.6 in) Outside diameter
- RS232 serial or Centronics Parallel
- 24, 30, 36, and 42 column versions for the PL-180 and 24, 32 and 40 column versions for the PL-190.
- 6912 character input buffer
- Paper feed push button
- Normal print
- 224 Printable characters, 5 x 7 font
- Double wide, double high, or double wide and double high. Normal and double wide characters may be mixed on any line. Double high causes entire line to be double high.
- Bit image graphics mode using EPSON line printer Esc K protocol.
- Self test

Applications

- Medical
- Industrial data logging
- Mobile
- Line monitoring
- Process control
- Radiation documentation

Optional Features

- 12 Volt DC power input (includes a linear regulator)
- 120 Volt AC power input. Includes the linear regulator and a 14 Volt AC, 20 VA wall mount transformer.
- Rear Cover with either a 36 pin or 25 pin Centronics connector or with a serial interface using either a DB25S or an RJ11 connector.

General Specifications

- Overall Dimensions: 63.5 mm L x 114.3 mm W x 113.0 mm H (2.5 in L x 4.5 in W x 4.45 in H)
- Inverted print
- Voltage: Regulated +5 Volts DC
- Current Requirement: Standby — (ON but not printing) — 25 ma. typical (CMOS logic).
- PL-180 Printing: 4.5 amps peak. 1.0 amps average printing typical ASCII text.
- PL-190 Printing: 6.0 amps peak. 1.3 amps average printing typical ASCII text.

Note: Average current varies depending on density of dots printed.

Headquarters

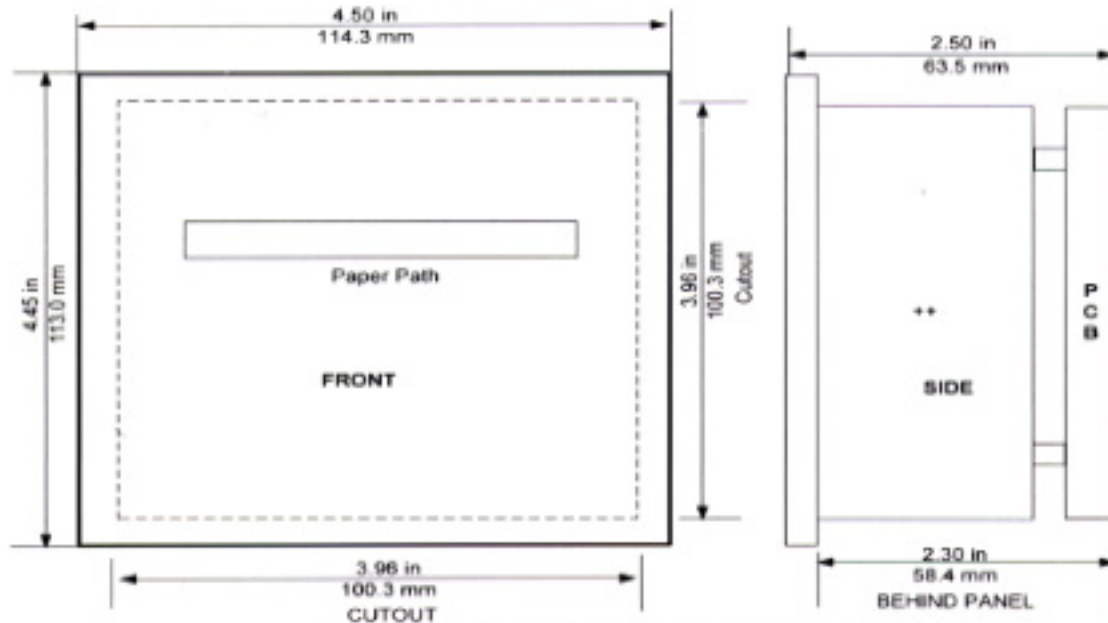
4181 Centurion Way

Dallas, Texas 75244-2312

972-233-6631 800-872-4886 Fax: 972-233-8947

www.telpar.com info@telpar.com

PL-180 Dimensions



PL-180/PL-190 Series Impact Panel Mount Printer

Ribbon Cassettes

Part #	Color	Approximate Ribbon Life	Part #	Color	Approximate Ribbon Life
103316-0010	Purple	250,000 Characters	103318-0011	Black	Long life 600,000 Characters, or
103316-0011	Black	200,000 Characters	109500-2201	Black	Long life 600,000 Characters
103318-0010	Purple	Long life 1,000,000 Characters	(Telpar equivalent)		

Model Specifications

Model	PL-180RM	PL-181RM	PL-182RM	PL-183RM	PL-190RM	PL-191-RM	PL-192RM
Number of Columns	24	30	36	42	24	32	40
Dots per Line	144	180	216	252	144	192	240
Print Speed (lines per Second)	1.7	1.3	1.1	1.0	2.5	1.9	1.5
Character Size W x H (mm)	1.7 x 2.6	1.4 x 2.6	1.2 x 2.6	1.1 x 2.6	1.7 x 2.6	1.3 x 2.6	1.1 x 2.6
Column Spacing (mm)	2.06	1.66	1.44	1.29	1.98	1.5	1.2
Line Spacing (mm) for 5x7 font and 3 dots/line paper feed	3.78	3.78	3.78	3.78	3.7	3.7	3.7
Mechanism Reliability MCBF (lines)	1 x 10 ⁶	1 x 10 ⁶	0.7 x 10 ⁶	0.7 x 10 ⁶	1.5 x 10 ⁶	1.1 x 10 ⁶	0.9 x 10 ⁶
Head life Reliability (lines)	1 x 10 ⁶	1 x 10 ⁶	0.7 x 10 ⁶	0.7 x 10 ⁶	2.25 x 10 ⁶	1.65 x 10 ⁶	1.35 x 10 ⁶

Specifications subject to change without notice

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