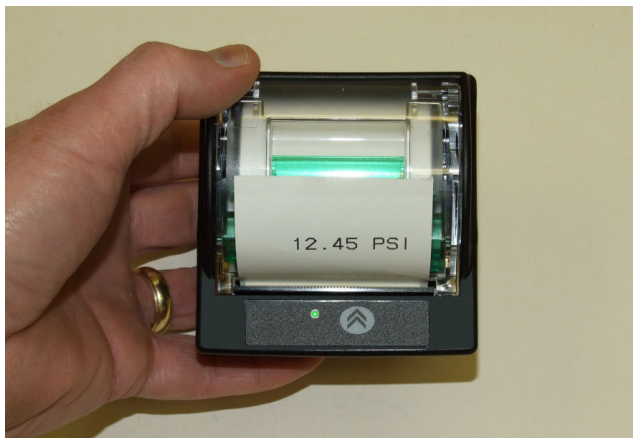


MPP5610V Panel mounting Printer

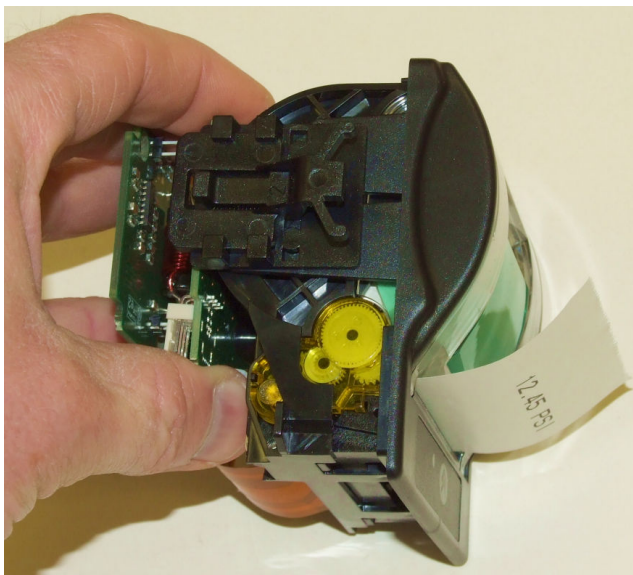


- Low Cost
- Easy loading paper mechanism
- Compact - only 62mm behind panel
- Clear printout
- Suits Text, Barcodes or Graphics
- International character set
- Normal or upside-down printing
- Quiet non-impact mechanism
- Generally available from stock

The MPP5610V uses a fixed thermal head with an easy-load paper mechanism and shallow depth. It accepts RS232 and can be set for 12, 16, 24, 32 or 48 characters per line.

The printer is easy to configure via the front panel mode button to a number of optional modes, data formats, baud rates, fonts, print formats etc.

You can either use the MPP5610V with your own data source, or, if you use it with one of our INT2 panel meters, you can include time, date and descriptive text along with the measurement value. This makes an economical combination for any application where you need to record a measurement with a date stamp.



Specifications:

Printing system Direct thermal head
 Characters/line 12, 16, 24,32,48
 Character size 3mmx1mm, 3mmx1.5mm, 3m x2mm
 Dot pitch 0.125mm
 Text line 24 x 384 dots
 Printing width 48mm
 Printing speed 10 lines per second
 Paper width 58mm
 Paper capacity 48mm diameter = 25 metres long

Default Font Arial 24 Chars/line
 Character formats Normal, 2xw, 2xh, 2w and 2xh
 Print density 4 selectable levels
 Print format Normal and upside down

Power supply 10 to 35 V DC
 Current 2.7A at 10V, 1.2A at 24V, 1A at 35V

Interface RS232 8n, 8o1,8E1,7o1,7E1
 Baud rates 600, 1200, 2400, 4800, 9600. 19.2K
 Handshake None, software, hardware
 Buffer 5KB

Dimensions 88 x 86mm, 62mm behind panel

Language fonts USA, France, Germany, UK, Denmark I/II, Sweden, Italy, Japan, Norway, Latin America, Spain I/II

Panel cut-out 81.5 x 78mm
 Weight 80g approx (without paper)

Operating temp. 0oC to +50oC
 Storage temp. -20oC to +60oC

Status LED On = Printer on
 Off = Printer off
 * * * * =Paper out /door open
 ** * * * =Head too hot

Typical Example ...

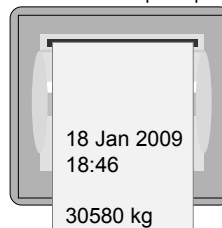


Model INT2-L-0-0-232-R-DC
 Loadcell panel meter with real time clock data output



Axle weigher in cab, with printout of fill weight

Model MPP5610V panel printer



Ordering Codes

Printer **MPP5601V**
 Paper Rolls x 10 **MM58**
 Power cable 150mm **MGK82**

Control Codes and Escape Sequences

Function	Code	Decimal	Hex
Horizontal tab	HT	9	09
Line feed	LF	10	0A
Form feed	FF	12	0C
Carriage return	CR	13	0D
Double width on	SO	14	0E
Double width off	SI	15	0F
Cancel	CAN	24	18
Set print mode	ESC ! <i>n</i>	27 33 <i>n</i>	1B 21 <i>n</i>
Set barcode start position	ESC \$ <i>n1 n2</i>	27 36 <i>n1 n2</i>	1B 24 <i>n1 n2</i>
Set bit image (8 pin single density)	ESC * 0 <i>n1 n2 [d]</i>	27 42 0 <i>n1 n2 [d]</i>	1B 2A 00 <i>n1 n2 [d]</i>
Set bit image (8 pin double density)	ESC * 1 <i>n1 n2 [d]</i>	27 42 1 <i>n1 n2 [d]</i>	1B 2A 01 <i>n1 n2 [d]</i>
Set bit image (24 pin single density)	ESC * 32 <i>n1 n2 [d]</i>	27 42 32 <i>n1 n2 [d]</i>	1B 2A 20 <i>n1 n2 [d]</i>
Set bit image (24 pin double density)	ESC * 33 <i>n1 n2 [d]</i>	27 42 33 <i>n1 n2 [d]</i>	1B 2A 21 <i>n1 n2 [d]</i>
Underline on	ESC - 1	27 45 1	1B 2D 01
Underline off	ESC - 0	27 45 0	1B 2D 00
Reset	ESC @	27 64	1B 40
Set page length	ESC C <i>n</i>	27 67 <i>n</i>	1B 43 <i>n</i>
Set horizontal tabs	ESC D <i>n</i>	27 68 <i>n</i>	1B 44 <i>n</i>
Bold on	ESC G	27 71	1B 47
Bold off	ESC H	27 72	1B 48
Set bit image	ESC K <i>n1 n2 [d]</i>	27 75 <i>n1 n2 [d]</i>	1B 4B <i>n1 n2 [d]</i>
Country select	ESC R <i>n</i>	27 82 <i>n</i>	1B 52 <i>n</i>
Double width on	ESC W 1	27 87 1	1B 57 01
Double width off	ESC W 0	27 87 0	1B 57 00
Compressed bit image graphics	ESC Z <i>n1 [d1] ... n24 [d24]</i>	27 90 <i>n1 [d1] ... n24 [d24]</i>	1B 5A <i>n1 [d1] ... n24 [d24]</i>
Print & feed paper	ESC d <i>n</i>	27 100 <i>n</i>	1B 64 <i>n</i>
Reversed on	ESC i 1	27 105 1	1B 69 01
Reversed off	ESC i 0	27 105 0	1B 69 00
Send Printer Status	ESC v	27 119	1B 76
Double height on	ESC w 1	27 119 1	1B 77 01
Double height off	ESC w 0	27 119 0	1B 77 00
Inverse on	ESC { 1	27 123 1	1B 7B 01
Inverse off	ESC { 0	27 123 0	1B 7B 00
Set barcode height (1 < n < 255)	GS h <i>n</i>	29 104 <i>n</i>	1D 68 <i>n</i>
Print UPC-A barcode	GS k 0 [<i>d</i>] NULL	29 107 0 [<i>d</i>] 0	1D 6B 00 [<i>d</i>] 00
Print UCP-E barcode	GS k 1 [<i>d</i>] NULL	29 107 1 [<i>d</i>] 0	1D 6B 01 [<i>d</i>] 00
Print EAN13 barcode	GS k 2 [<i>d</i>] NULL	29 107 2 [<i>d</i>] 0	1D 6B 02 [<i>d</i>] 00
Print EAN8 barcode	GS k 3 [<i>d</i>] NULL	29 107 3 [<i>d</i>] 0	1D 6B 02 [<i>d</i>] 00
Print Code 39 barcode	GS k 4 [<i>d</i>] NULL	29 107 4 [<i>d</i>] 0	1D 6B 04 [<i>d</i>] 00
Print 2 of 5 barcode	GS k 5 [<i>d</i>] NULL	29 107 5 [<i>d</i>] 0	1D 6B 05 [<i>d</i>] 00
Print Codabar barcode	GS k 6 [<i>d</i>] NULL	29 107 6 [<i>d</i>] 0	1D 6B 06 [<i>d</i>] 00
Print CODE128 barcode	GS k 7 <i>n [d]</i>	29 107 7 <i>n [d]</i>	1D 6B 07 <i>n [d]</i>
Set barcode magnif. (2 < n < 4)	GS w <i>n</i>	29 119 <i>n</i>	1D 77 <i>n</i>