

MTH-2700

M-PANEL

**2" THERMAL PRINTING UNIT
IN DIN96x96 CASE****GENERAL CHARACTERISTICS**

- Easy load paper system
- Fast printing Up to 50 mm/s with 200 dpi
- Paper feed button and red LED indicator on front panel
- 5 VDC or 9-40 VDC power supply
- RS232C or TTL serial interface
- Paper-end detection
- Size DIN 96 x 96 – Depth 85 mm
- Print texts, diagrams, graphic curves, bar codes...
- Real time clock in option with automatic adjustment between winter / summer time
- Download Logo and print it by closing TTL input
- 2K/XP Windows driver

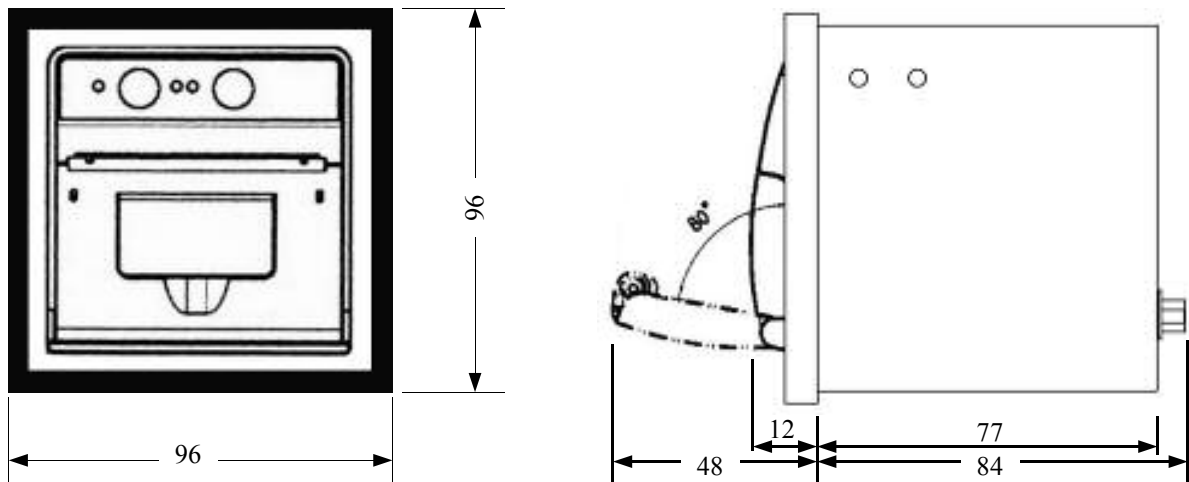
**LOW COST
THERMAL PRINTER**

- "Easyload" Printing unit
- DIN 96 x 96 case
- 58 mm paper width (2 inches)
- Integrated paper reserve of Ø 31 mm

Accessories

MPA-TH-57-31-1	Thermal paper roll (width 57mm, Ø 31 mm) Length ~10m
DKM-243-V	RS232 cable for PC computer. Min. length 1m50

Overall printer dimensions (in mm)

**Part Number:****MTH - 2 7 X X - X X**

INTERFACE

TTL Serial	1
RS232C Serial	2

POWER SUPPLY

5 VDC	1
9 – 40 VDC	3

CONNECTION

- with power supply connector
- K with PC interface cable and power supply connector

REAL TIME CLOCK OPTION

- non installed
- C installed



MEGATRON S.A.R.L
ZI de Noyer – BP 1
74200 ALLINGES
<http://imprimantes.megatron.fr>

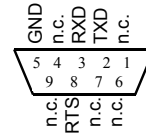
Tél : +33 (0)4 50 70 54 54
Fax : +33 (0)4 50 70 56 56
Email : info@megatron.fr

DETAILED

- SMD technology
- 4 fonts
- 24, 32 or 42 characters by line depending of the selected font
- Serial RS232C or serial TTL Interfaces
- Speed : 150, 300, 600, 1200, 9600, 19200 Baud
- Format: 7/8 bits, 1/2 stop, without parity / even / odd
- Handshake: CTS / Xon-Xoff
- Power supply : 5 VDC or 9-40 VDC
- Standby current : 30 mA
- Printing adjustable current of 0,7 to 6A
- Graphic curves printing
- Any other type of graphics
- Bar codes : Code 39, Codabar, 2/5 interlaced.
- Reserved Flash memory of 16K for logo downloading which can contain all printer commands : text, graphic, curve, date and hour, enrichments, etc...
- Logo download and printing by esc command
- Real time clock which allow to date the tickets
- Win 2000 / XP drivers
- CE



INTERFACE



Sub-D 9 pins female

POWER SUPPLY

Phoenix Contact Connector
DFK-MSTB 2,5/2-G-5,08

Corresponding plug supplied
MSTB 2,5/2-ST-5,08

CONNECTIONS – BACK SIDE

Warning: VCC voltage depend on the ordered model (DC 5V or DC 9-40V)

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
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CHARACTERS WITH IBM II

<i>Print head specifications</i>	<i>APS ELM208-HS</i>
Printing mode	Thermal line printing
Number of dots	384
Resolution (dots/mm)	8
Paper width (mm)	58
Printing width (mm)	48
Max paper thickness (µm)	80
Printing speed (mm/s)	70
Paper loading	Easy load
Dot's resistance (Ohms)	123
Voltage range (Logic / head)	2.7-7.25 / 3-7.2
Energy per dot (mJ)	0.15
Medium consumption (A)	0.8
Paper detection	Optical sensor
Temperature detection	Thermistor
Step by step motor (Ohms)	Bipolar 13
weight (g)	60
Printer life	50 kms / 100 million of pulses
Running temperature (°C)	0 - 50
Running humidity (%)	20 - 80 (without condensation)
Dimensions (LxPxH) (mm)	67 x 22.4 x (30/15.5)
Picture	

Design and specifications can change without notice.

Please consult MEGATRON for technical specifications before purchase or utilisation.

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Tél : +33 (0)4 50 70 54 54
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