

Ticket printer PDM170-X

ALPE PRINTON

Data sheet, stand 24th.july 2007

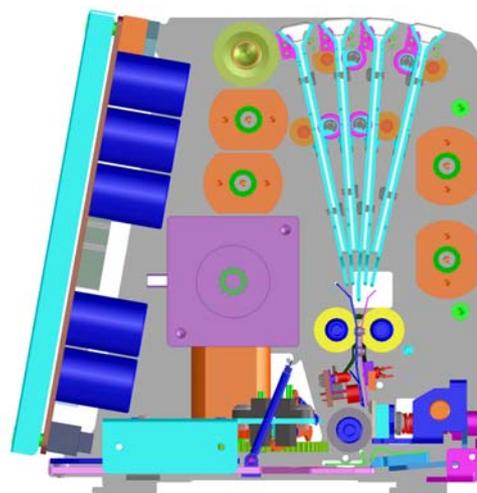
The ticket printer PDM170-X (1/2/3/4) is a compact device consisting of a printing unit with integrated cutter, a paper switch for 1 up to 4 different ticket formats and an electronic control board. This compact device is robust, reliable and due to its small dimensions integrable in every vending machine.



Up to 4 different paper sorts are selectable.

Characteristics:

- USB interface
- paper switch for up to 4 different paper formats
- barcode scanner integrable (as option)
- robust construction
- over head use possible
- low maintenance



Technical data:

printing technology:	thermo direct
printing speed:	up to 125 mm/sec (up to 200 mm/sec without history control)
print head resolution:	300 dpi (11,811 dots/mm)
print width / paper width:	max 81.3 mm / 86 mm
paper :	thermo paper rolls up to 300 mm diameter paper folding stack (option) RFID-cards (contactless) on rolls
paper thickness:	0.07 up to 0.4 mm (variable print head pressure for stiff or thicker paper materials)
ticket length:	up to 300 mm or endless paper stripes
cutter:	cutter integrable for tickets up to 350 g/m ² (0.4 mm)
data interface:	USB 2.0 interface (full speed) and RS 232 serial
supply voltage:	24 volts (19-26 volts) power fail modus (standard: software reset) < 15 V hardware reset < 8 V
current flow 24 volts:	1-8 amp (addicted to the print width and optical density)
closed current:	type 0.11 amp
number of paper sorts:	up to 4 different paper sorts with different width
paper stack change:	0.7 up to 0.8 sec
stock temperature:	-30 up to +70 °C
working temperature:	-10 up to +60 °C, electronic elements specified +5 °C, in the limit range the printing quality can be reduced but is still readable
life cycle of the printer:	>15 years depending on the environment and the used paper
cutter:	1,000,000 cuts depending on the used paper
MTBF (basis: an average of 5000 tickets per month, measured with 30 printers during 3 month:	3 years (without failures due to external impact by the power supply, superior software, roll fixtures, paper and manipulation)
MTBF guarantee (basis: as mentioned above):	8 month (without failures due to external impact)
MCBF guarantee (basis as mentioned above):	40,000 tickets (without failures due to external impact)
weight:	2.25 kg (printer for 4 formats)
dimensions:	height x width x length 142 mm x 117 mm x 139 mm

Option: Barcode scanner

number of scans:	up to 700 scans per second
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