

# APOS Premium II

80 mm  
Thermal printer

The worldwide standard  
for receipt printers



## Experience as a measure of quality: a printer guaranteed for 15 years

Axiohm's APOS has been the printer of choice for an overwhelming majority of the international hospitality and restaurant marketplace for many years and now the newest version, the APOS Premium II, benefits from the latest technological advances.

The APOS has demonstrated its exceptional reliability in the field to such an extent that Axiohm is proud to offer it as the only receipt printer on the market today with a **15-year warranty**.

## High speed and durability combined in one

The printing speed of the APOS Premium II has been increased to reach up to **170 mm/sec**. It can print receipts with logos and barcodes of the highest quality. In addition, the APOS Premium II incorporates proven technology. For example, its cutter is very fast, extremely quiet, and is capable of making 4 million cuts without showing the slightest sign of wear! The APOS Premium II has a mechanical reliability that is, without a doubt, the longest of all printers in its category, with **170 km of paper**.

## RS232 and USB double communication interface in standard

To increase the applicability of the APOS Premium II, Axiohm has integrated a standard, double communication interface with both RS232 and USB ports. The USB port guarantees an optimal printing speed. Furthermore, a "powered USB" cable is available and allows the printer to be powered directly to the host computer. It reduces considerably the number of power adapters needed for a POS system! The APOS Premium II is also equipped with an OPOS driver that is compatible with most point-of-sale software.

**Axiohm**




# APOS Premium II

80 mm thermal printer

Characteristics	Unit	APOS Premium II
<b>Printing speed (max)</b>	mm/s	170
<b>Printing width</b>	mm	72
<b>Resolution</b>	dot/mm	8
<b>Number of dots</b>	dot	576
<b>Columns</b>	column	44/56
<b>Character size</b>	dot*dot	10*24, 13*24
<b>Resident code page</b>	---	CP437/852/858/860/862/863/865/866/1252 and user defined
<b>Bar code type</b>	---	Interleaved 2/5, UPC-A, UPC-E, JAN8 (EAN8) & JAN13 (EAN13), Codabar, Code 39, 93&128, PDF417
<b>Paper width</b>	mm	80
<b>Paper roll diameter</b>	mm	83
<b>Paper thickness</b>	µm	60
<b>Paper loading</b>	---	Clamshell™
<b>Operating voltage</b>	V	24
<b>Current consumption</b>	A	2.5
<b>Head pulse life</b>	pulse	1*10 <sup>8</sup>
<b>Mechanical reliability</b>	km	170
<b>Dimensions (W*D*H)</b>	mm	170*115*205
<b>Operating temperature</b>	°C/F	0 to 50/32 to 122
<b>Operating humidity</b>	%RH	10 to 90
<b>Cutter</b>	---	Auto cutter (full or partial cuts)
<b>Cutter life</b>	cuts	4 Million
<b>Data buffer</b>	Kbytes	4
<b>Flash memory</b>	Kbytes	704
<b>Interface</b>	---	RS232 & USB (double interface in standard)
<b>Driver</b>	---	Windows™ 98/00/XP - OPOS
<b>Emulation</b>	---	ESC/POS™
<b>CEM &amp; Safety standards</b>	---	UL/CAS60950, EN60950, CE Class B, FCC, C-Tick
<b>Added features</b>	---	1 CDKO, Buzzer, Printer available in charcoal or beige, Fixation hole for wall mounting
<b>Accessories</b>	---	"Powered USB" connectors


APOS Premium II (0206 E)

## Other Axiohm's products



**Thermal Printer Mechanisms**

Axiohm's thermal printer mechanisms meet the most demanding market needs in terms of printing speed (up to 250 mm/s), paper width (60 mm, 2\*38 mm, 80 mm & 82.5 mm), ruggedness, compactness, both easy integration and use.



**Turnkey Printing Solutions**

AXIOHM's kiosk printers are designed primarily for installation in public access terminals, but can be used in almost any transaction printing application that requires an easy-to-integrate "plug & play" product.



**Controller Boards**

Axiohm offers an extensive range of controller boards with embedded firmware to manage its full line of thermal printer mechanisms. The controller boards' features have been designed to meet your needs in terms of functionality and competitiveness.

marketing channel™

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