ABLE Systems Limited

for all your mini-printer needs
www.able-systems.com

Available from:

Ap1300 Thermal Portable Printer – with Bluetooth option

Compact and stylish

- Unique SINGLE-handed easy paper-load system – no other printer is easier!
- Utilising a high speed and high quality fixed head thermal mechanism with superb quality text.
- Choice of interface solutions including Serial RS232, _full implementa_tion IrDA$^®$ and Bluetooth$^®$.
- Strong case design that won't stress the lid hinge.
- Miniature size - yet takes up to 16m paper roll.
- Choice of battery management within one printer (re-chargeable within the unit or use primary cells). In-vehicle solutions and mains supply also available.

Design registered. Bluetooth certification pending.

Typical Applications include:

Mobile ticketing and recording. Use with PDA's. Queue busting. Utility billing. In-vehicle receipting. Financial transactions. Taxi receipt printing. Law enforcement agencies. Test and measurement. Medical.

Ap1300 Thermal Portable Printer – with Bluetooth option

Specification	Ap1300	Ap1300-IR	Ap1300-BT
Data Input	RS-232 Serial (RJ12 connector)	RS-232 Serial (RJ12 connector)	RS-232 Serial (RJ12 connector)
Wireless Data Input	N/A	IrDA (IrPHY V1.0, IrLAP, IrLMP, IAS, TinyTP, IrCOMM 9-wire)	Bluetooth
Print Method	Fixed head thermal mechanism (Fujitsu FTP-628MCL103)		
Print Speed	60 mm/s (at 7.2V battery voltage); 50mm/s (typical)		
Paper Specification	Paper Roll Width: 57.5 ± 0.5mm. Max roll diameter: 36mm (Length: 14.5 - 16 meters) Accepts paper rolls with or without a core		
Print Width	48 mm		
Dots per line (graphics)	384		
Dot spacing	8 dots/mm (vertical and horizontal)		
Sensors	Paper Out (Opto reflective) and Head Up (Mechanical)		
Data Buffer	20 Kb		
Baud Rate	For serial RS232 only: Up to 57,600 (9600 Default)		
Character Set	IBM® 224 character set, CP437. (See note 1)		
Number of columns	12, 16, 21, 24, 42, 32 (Default). (See note 1)		
Font (dots)	7 x 24, 10 x 24 (Default). (See note 1)		
Dimensions	47 x 92 x 108 mm (H x W x L)		
Weight	330g (including battery and full roll of paper)		
Power Supply Options	As standard the Ap1300 range is supplied with a shrink-wrapped re-chargeable battery pack (5 cell 6V NiMH), together with an adapter to allow the use of primary cells. Note that chargers and data or power cables need to be ordered separately (see below) or as part of a complete kit. Power supply options include: • BC1300: Universal i/p trickle charger • BC1300B: British trickle charger • BC1300FC: Universal i/p combined fast charger and 12V vehicle charger		
Other options	• Ap1300BR-01: Combined wall mounting bracket and belt clip • Ap1300-D9: D9 to RJ12 data cable (with jack socket for alternative charging) • Ap1300BP-01: Spare NiMH battery pack		
Windows® Driver	Win98, WinME, WinNT, Win2k, WinXP. Download from www.able-systems.com		
Temperature Range (operating)	0 - 50°C		
Reliability - MCBF	10^8 print pulses or 50kms. >13 million print lines (Approx. 3,500 paper rolls).		

Note 1: The proprietary Font Editor Utility software (order code Ap800FEU) enables customisation of character fonts by the user.

Please note that for low volume purchases the Ap1300 family of printers are only available in kit form, as follows:

Ap1300-KIT1: comprising an Ap1300 printer fitted with re-chargeable batteries, a BC1300 universal trickle charger, an Ap1300-D9 data cable, an Ap1300BR-01 belt clip/wall bracket, two A05836TPR1 paper rolls and a primary cell cradle.

Ap1300-IR-KIT1: As the AP1300-Kit1 described above but with an AP1300-IR instead of the standard AP1300 printer.

Ap1300-BT-KIT1: As the AP1300-Kit1 described above but with an AP1300-BT instead of the standard AP1300 printer.

Other products available from Able Systems include:

Wireless Printers

Portable printers
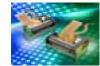

Panel mounting printers

Kiosk printers

In-vehicle printers

Printer mechanisms & interfaces

Accessories and Consumables