able

THE POWER TO PRINT

Ap1300 thermal, portable printer – with Bluetooth option

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INVESTORS IN PEOPLE

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.

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.

www.powertoprint.com

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		
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	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: • BC1300V2: Universal i/p 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, Vista and 7 (32 bit). 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).		

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 BC1300V2 universal trickle charger, an Ap1300-D9 data cable, an Ap1300BR-01 belt clip/wall bracket, an A05836TPR1 paper roll and a primary cell cradle.

Ap1300-IR-KIT1: comprising an Ap1300-IR printer fitted with re-chargeable batteries, a BC1300V2 universal trickle charger, an Ap1300-D9 data cable, an Ap1300BR-01 belt clip/wall bracket, an A05836TPR1 paper roll and a primary cell cradle.

Ap1300-BT-KIT1: comprising an Ap1300-BT printer fitted with re-chargeable batteries, a BC1300V2 universal trickle charger, an Ap1300-D9 data cable, an Ap1300BR-01 belt clip/wall bracket, an A05836TPR1 paper roll and a primary cell cradle.

Now available with in-car trickle chargers!

BC1300CLAH – for use with Ap1300BT only.

BC1300CLAL – for use with non Bluetooth printers only.

Note 1: The proprietary Font Editor Utility software (order code Ap800FEU) enables customisation of character fonts by the user.
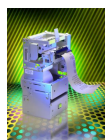
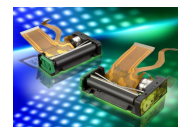Other products available from Able Systems include:

Portable printers
Panel mounting printers
Kiosk printers
In-vehicle printers
Printer mechanisms & interfaces
Accessories
Consumables