able
THE EXPERTS in Small Printer Solutions

COMPACT PORTABLE PRINTER

With **Bluetooth®** option

Unique SINGLE-handed easy paper-load system
No other printer is easier!

Design registered

COMPACT AND STYLISH

Typical applications include:

Healthcare
Retail
Leisure
Hospitality
Data Logging
Warehouse Automation & Distribution
POS

- Bluetooth® compatible for flexible use with all smart phones and tablets for a truly connected business

- Wearable, portable hands free for accelerated productivity

- Utilising a high speed and high quality fixed head thermal mechanism with superb quality text and graphics

- Thermal printing requires no ink for more cost effective printing

- Intelligent battery management for optimal efficiency

- Battery life capacity of up to 4 full paper rolls to reduce down time
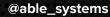
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COMPACT PORTABLE PRINTER

With **Bluetooth**® option

Specification	Ap1300	Ap1300BT
Data Input	RS-232 Serial (RJ12 connector)	RS-232 Serial (RJ12 connector)
Wireless Data Input	N/A	Bluetooth® V2.1 (Profiles: LM, L2CAP, RFCOMM, SDP, TCS, SSP and IAP. OPP optional)
Print Method	Fixed head thermal mechanism	
Print Speed	60 mm/s (at 7.2V battery voltage); 50mm/s (typical)	
Paper Specification	Paper Roll Width: 57.0 ± 0.5mm. Max roll diameter: 36mm (Length: 14.5m -16 meters). Accepts paper rolls with or without a core. Paper roll A05836TPRI.	
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	CP1252 and CP437 supplied as standard. Range of popular Code Pages available with up to 6 resident simultaneously (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 • BC1300CLAHL: 12V/24V vehicle trickle charger	
Accessories	• Ap1300BR01: Combined wall mounting bracket and belt clip • Ap1300D9: D9 to RJ12 data cable (with jack socket for alternative charging) • Ap1300BP01: Spare NiMH battery pack	
Connectivity	Drivers available for Windows & Linux. Android & IOS demo apps and SDK also available. 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.

Kits

All items available individually or as part of the below kits:

	Ap1300 Printer	Ap1300BT Printer	Universal Trickle Charger	AP1300 D9 Data Cable	Belt Clip / Mounting Bracket	2 Paper Rolls	Primary Cell Cradle	Bluetooth®
Ap1300KIT1	✔		✔	✔	✔	✔	✔	
Ap1300BTKIT1		✔	✔	✔	✔	✔	✔	✔

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