



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

### Typical applications include:

POS  
Healthcare  
Retail  
Leisure Hospitality  
Data Logging  
In-vehicle

## POWERFUL YET COMPACT

- 38 meters of print per paper/label roll reducing paper changes and minimising maintenance for operational efficiencies
- Bluetooth® compatible for flexible use with all smartphones and tablets for a truly connected business
- Utilising a high speed and high quality fixed head thermal mechanism with superb quality text and graphics
- Linerless labels save precious time & reduce waste
- Intelligent battery management for optimal efficiency
- Robust yet compact design with the flexibility for both portable printing and wall mounting

YOUR LOCAL DISTRIBUTOR:



### Head Office

(Design, Sales, Technical Support  
and Repairs)

Able Systems Limited  
Denton Drive  
Northwich  
Cheshire  
CW9 7TU  
England

**Tel:** +44 (0)1606 48621

**Fax:** +44 (0)1606 44903

### Visit:

[www.able-systems.com](http://www.able-systems.com)



Specification	Ap1310	Ap1310BT
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	Fujitsu 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: 55mm (typical length 37.7m). Paper roll A05856TPR1	
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	65 x 95 x 128 mm (H x W x L)	
Weight	446g (including battery and full roll of paper)	
Power Supply Options	As standard the Ap1310 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: <ul style="list-style-type: none"> <li>• BC1300: Universal i/p trickle charger</li> <li>• BC1300CLAHL: 12V/24V vehicle trickle charger</li> </ul>	
Accessories	<ul style="list-style-type: none"> <li>• Ap1300BR01: Combined wall mounting bracket and belt clip</li> <li>• Ap1300D9: D9 to RJ12 data cable (with jack socket for alternative charging)</li> <li>• Ap1300BP01: Spare NiMH battery pack</li> </ul>	
Connectivity	Drivers available for Windows & Linux.	Drivers are available for Windows & Linux. Android & iOS demo apps and SDKs are also available. Download from <a href="http://www.able-systems.com">www.able-systems.com</a> Third party connectivity and printing applications are available including the PrintHand and PrinterShare Android & iOS apps. These are available for download from the Google Play Store and Apple App Store.
Temperature Range (Operating)	0 - 50°C	
Reliability - MCBF	10 <sup>9</sup> 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:

	Ap1310 Printer	Ap1310BT Printer	Universal Trickle Charger	D9 Data Cable	Belt Clip / Mounting Bracket	2 Paper Rolls	Primary Cell Cradle	Bluetooth
Ap1310KIT1	✓		✓	✓	✓	✓	✓	
Ap1310BTKIT1		✓	✓	✓	✓	✓	✓	✓