



## Apex 3

### 3" (80mm) Powerful, Lightweight Portable Printer with Class 2 Bluetooth® as Standard

The newest addition to Extech's 3" receipt printer line is designed for today's mobile worker – powerful, rugged, lightweight and easy to use.

As the first printer to include Class 2 Bluetooth® as part of the standard communication offerings, the Apex 3 changes the communication standards for portable printers. 3-Track Magnetic Card Reader, IrDA and Wi-Fi options, memory of 1MB (SRAM)/4MB (Flash) and Extech's Form Fiesta utility makes the Apex 3 the perfect receipt printer for Field Service, Route Accounting and Ticketing applications.

#### Key Features and Benefits:

- Comfortable to wear all day with belt loop system or shoulder strap
- "Drop-in" paper load system
- Easy battery replacement
- 15 month warranty (including print head)
- Optional Extended Warranty Available
- Cylolac housing and rubber bumpers
- Multiple drop tests to steel from 1.5 metres
- IEC68 product testing for operating temperature, storage temperature, humidity, shock and vibration

- IEC 60950 Product Safety Certification also means that workers can be confident using the printer during home visits
- Add the Extech IP54 carrying case for extra protection against dust and water
- Firmware and resident fonts are integrated into a Flash-based CPU
- 4MB Flash and 1MB SRAM memory is under direct user control to store logos, fonts, graphics and barcodes
- Powered by a high capacity, long lasting Lithium-Ion battery cartridge (7.4v, 2200mAh) (can be charged either internally or in an external battery charger)
- Multiple communication interfaces
- Comes standard with Serial and Bluetooth® (Class 2)
- Optional 3-Track Magnetic Card Reader, IrDA, and/or 802.11b/g
- MS-DOS and Windows compatible with full-speed handshake
- Print drivers available for Windows 95, 98, 2000, XP and Vista
- Print utilities available for most Mobile Operating Systems
- Emulations for many popular brands available

**Maxatec**  
portable printers



**Maxatec**

[www.maxatec-europe.com](http://www.maxatec-europe.com)

Technical Specifications	
Printing Method	Direct Thermal
Resolution	203 dpi/ 8 dots mm
Printing Width	2.83" (72mm)
Print Speed	Up to 2" per second
Paper-Out/TOF Detection	Photo Interrupter
Service Life - Pulse	100 million MCTF
Service Life - Abrasion Resistance	50KM
Operating Characteristics	
Printing Mode	Extech Line Print Mode Page Printing Mode
Character Set	ASCII International PC Line Draw Various Resident Fonts
Int'l Character Sets	Simplified and traditional Chinese, Hebrew, Arabic, Polish, Greek, Cyrillic
Optional Character Sets	Downloadable fixed-width fonts
Graphic Print	Supports 8-bit graphic printing, custom font, logo downloading
Barcode Symbologies: Linear	Code 39, Code128 A/B/C, UCC/EAN-128, Interleaved2 of 5, UPC/EAN/JAN and Codabar
Barcode Symbologies: 2D	PDF417
Memory	2MB SRAM, 4MB Flash
CPL	12, 28, 36, 48, 57, 64, 72
Print Contrast	Auto and user selectable
Print Media	
Media Type	Direct Thermal Paper (Standard is Kansaki P390)
Paper Width	3.125" (80mm)
Max Roll Size	43' Length @ OD: 1.375"
Roll Core ID	0.4"
Paper Rolls per Charge	~5
Total Length per Charge	~235 ft (71.6m)
Power	
Battery	Internal Rechargeable 2 cell Lithium-Ion battery (2200mAh)
Battery Life	80% of original capacity after 300 cycles
Charging Time	180 Minutes
External Charging Options	
DC Power Pack	100V~240V AC Input 10V/1.32 output
In-Vehicle Charger	10.6v ~30C cigarette lighter adaptor
Power ON/OFF	Power ON/OFF switch, or by raising RTS input, or sending a single character through serial input. Auto power down timer can be set or disabled through user application.
User Interfaces	
Status Indicators	3 LED's (2 are multi functioning): Power/ERROR, Charging, Ready/Fault
User Switches	2 Switches - Power (On/Off), Feed
Mechanical	
Construction	Cyclac Enclosure with Elasomer with Rubber Bumpers
Dimensions	6.1"Lx5"Wx2.27"H (156L x127.2Wx 57.6Hmm)
Weight	14.9oz (422g)
Warranty	
Standard	15 month standard
Optional	Up to 5 year programs at extra charge
Environmental Specifications	
Operating Temp	14° to 122°F (-10° to 50°C)
Storage Temp	-4° to 140°F (-20° to 60°C)
Charging Temp	32° to 122°F (0° to 50°C)
Humidity	122F° (50°C) @ 85% RH for 96 Hours
Drop	Exceeds industry standard for drop
Agency Approvals	
CC: Part 15 Subpart B, Class B CE: EN60950 CE: EN55022 Class B; CE: EN61000-3-2; CE: EN61000-3-3; CE: EN50024 AS/NZ: 3548 Class B Complies with EMC Directive 89/336/EEC and Low Voltage Directive 73/23/EEC Conforms to ANSI/UL STD 60950 and Certified to CAN/CSA STD C22.2 No. 60950-00 CB Certified, No. 60950-00 GS Certified, #04US00384-1 ETL Listed, control # 3046813 IEC 68 certified IP54 Rated (with Environmental Case)	
Software	
<b>Extech Configuration Utility includes:</b> <ul style="list-style-type: none"> <li>• Font Download</li> <li>• Bluetooth® Set-up</li> <li>• Wi-Fi Set-Up</li> <li>• Communications Parameter set-up</li> <li>• Printer Custom Attributes Set-up</li> <li>• Logo Download</li> </ul>	
<b>Form Fiesta Page Printing Utility Bootloader for Uploading Firmware</b>	

All manufacturers trademarks acknowledged. Specifications subject to change without notice.

Issue 1 - 2009