



Bluetooth™ Options for Zebra® Mobile Printers

Global Standard for Wireless Communication

Bluetooth technology creates common language for industry-wide wireless communication.

Gone are the days of purchasing proprietary radios to talk to other proprietary radios inside specific handheld terminals. Now with Bluetooth technology, which is quickly becoming the global standard for wireless communication, the sky's the limit!

Add the Bluetooth option to any Zebra Cameo™ or QL™ series mobile printer and you can communicate with one or more computers (e.g. PDAs, PCs) via Compact Flash (CF) card or embedded Bluetooth radio chip. For Symbol® SPT 1700/1800 or PPT 2700/2800 terminal users, instantly enable your terminal with Bluetooth by clipping on a virtually weightless Zebra Portable Radio (ZPR)!

Lose the wires!

Using Zebra's lightweight, rugged, wireless mobile printers with Bluetooth technology, print wirelessly "on the go" in applications such as:

- Inventory management
- Retail markdowns
- Field service automation
- Construction
- Local delivery
- Haul fleet truck management
- Healthcare point-of-care
- Law enforcement
- Scientific data collection



Connect with it. Count on it.™

Bluetooth



Specifications at a Glance*



THE BLUETOOTH ADVANTAGE

- Communication with PDA, laptops or desktop computers via embedded Bluetooth radio chip
- Encryption and authentication to provide secure connections
- Point-to-point wireless connectivity
- High-speed 1 MB per second data transmission
- Lower power use of 0 dBm or 1 mW (output power class 2)
- Range of up to 30'/10 m at 0 dBm or 1 mW
- No more cumbersome cable connections

ZEBRA MOBILE PRINTERS WITH BLUETOOTH RADIO

Radio specifications:

Input Voltage: Vcc = 5 Volts +/- 10%

Power Dissipation:

Receive Mode 150 mW

Transmit Mode 150 mW

Current Consumption:

Receive Mode 30 mA

Transmit Mode 30 mA

Operating Frequency: 2.4 GHz ISM Band

Transmit Power Output: 0 dBm

Receiver Sensivity: -70 dBm

Out of Band Interfering Signal Rejection: >50 dB

Baud Rate: 38,700 or 57,600

Certifications: FCC Class B; CE Compliance; SIG certified

Communication Interface Capabilities:

Terminal interface: RS-232 connector serial port (1.2K- 57.6 KB/second)

Flow control: RTS/CTS or XON/XOFF

RF Protocol: Collision avoidance with multiple retry

RS-232 serial settings: Parity-N, Data Bits-8, Stop Bits-1

BLUETOOTH ZEBRA PORTABLE RADIO (ZPR)

Physical characteristics:

Compatible with: Symbol SPT 1700/1800 (Palm® OS) or PPT 2700/2800 (Windows® CE) series handhelds

Width: 3.5"/ 89 mm

Depth: 1.4"/ 36 mm

Height: 3.5"/89 mm

Weight: 8 oz./ .23kg

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Transmit Mode 150 mW

Current Consumption:

Receive Mode 30 mA

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Cameo 2™



Cameo 3™



ZPR



QL 220™



QL 320™



QL 420™



Choose from a wide variety of Bluetooth-enabled Zebra products with varying sizes and functions to meet your needs. For receipt printing, choose a Cameo printer. For label printing functionality, opt for QL series printers in 2-, 3-, or 4-inch print widths. Or, if you need to Bluetooth-enable a Symbol terminal for your Zebra mobile printer application, clip on a Zebra Portable Radio.

*Specifications subject to change without notice.

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