



# Zebra® KR400™ series printers



## Kiosk receipt printers

Building on Zebra's range of robust kiosk printers for demanding applications, the KR403™ receipt printer offers a number of enhancements ranging from excellent print quality across a wide range of papers to expanded memory and a wide selection of fonts and barcodes – including the retail-industry-requirement of GS1 DataBar™ barcode. The KR403 printer is easy to integrate into kiosk designs thanks to its compact size and footprint, range of mounting options, and Zebra Programming Language (ZPL®), which increases functionality and allows for a wide variety of applications.

## Easy to own

Total cost of ownership is lowered and customer satisfaction increased by features that reduce maintenance and downtime. The large 250mm media-roll capacity, for example, means fewer visits to change the paper roll. Paper-low and remote monitoring/alerts enable proactive diagnostics and maintenance. The looping presenter with integrated cutter prevents paper jams and presents the printout to the user. The retract function, which retracts and retains left-behind printouts, protects kiosk users' privacy and reduces litter around kiosks.

## Easy to integrate

Zebra Basic Interpreter (ZBI™) enables compatibility with existing systems while the optional expanded memory up to 64MB enables storage of fonts, graphics and formats to handle the most complex of printouts.



## Ideal for:

- Receipts
- Vouchers
- Promotional coupons
- Unattended printed information

## Suitable for a variety of markets:

- Retail
- Hospitality
- Healthcare
- Public service
- Banking and finance

## Get the most out of your Zebra: put genuine Zebra supplies in!

Zebra offers a wide range of supplies for kiosk printers, all made to a high standard and suitable for a variety of applications.

- Manufactured exclusively for Zebra printers
- Laboratory-tested for optimum performance
- Proven to minimise wear and tear on printheads

 For more information, visit [www.zebra.com](http://www.zebra.com)



# Specifications at a glance\*

## Standard features

- Print method: direct-thermal receipt printing for 58mm, 60mm, 80mm, 82.5mm width media
- Looping presenter with pull detector and retract & retain function
- Auto media loading
- Horizontal and vertical mounting capability
- Various media mounting options for behind and below to give flexibility to kiosk design, up to 250mm-diameter media rolls
- USB and RS-232 serial connectivity
- 203dpi printing
- Excellent print quality achieved through printhead alignment features and Element Energy Equalizer™ (E3™) for superior print quality
- Windows® drivers for plug and play (2000, XP, Vista, Windows 7 - 32 & 64 bit)
- 21 resident 1-D and 10 resident 2-D bar codes
- 15 bitmap fonts, one scalable font
- Unicode™-compliant with one Unicode WGL4 font pre-loaded
- 1.5MB flash memory supports a wide range of graphic types
- Maintenance alerts
- Numerous software tools for commissioning, using and troubleshooting the printer

## Printer specifications

- **Resolution:** 8 dots per mm
- **Max. print width:** 80mm
- **Max. print length:** 600mm
- **Print speed:** 152mm per second
- **Media sensors:** Out-of-paper, paper in presenter, paper in retract path, black mark, input for external paper-low sensor

## Media characteristics

- **Max. roll size:** 250mm
- **Core diameter:** 25mm typical, 12mm with optional accessories
- **Media thickness:** 0.054mm to 0.11mm
- **Media types:** Roll or fanfold paper

## Operating characteristics

### Environmental

- **Operating temp.:** -10°C/14°F to 50°C /122°F
- **Storage temp.:** -10°C/14°F to 50°C/122°F
- **Operating humidity:** 10% to 95% non-condensing
- **Storage humidity:** 5% to 95% non-condensing excluding paper
- **Electrical:** 24V DC +/-5% average of 2.92A when printing. 0.25A when idle

### Physical characteristics

#### Embedded

- **Width:** 107mm/4.2"
- **Height:** 68mm/2.7"
- **Depth:** 144mm/5.7"
- **Weight:** 1.1kg/2.4lb

### Fonts/Graphics/Barcode symbologies

- **Linear barcodes:** Codabar, Code 11, Code 39, Code 93, Code 128, Code 128 with subsets A/B/C, EAN-8, EAN-13, EAN-8 and EAN-13 with 2 or 5 digit extensions, GS1 DataBar (RSS), Industrial 2-of-5, Interleaved 2-of-5, Logmars, MSI, MSI-3, Plessey, Postnet, Standard 2-of-5, UCC/EAN-128, UPC-A, UPC-A and UPC-E with 2 or 5 digit extensions, UPC-E
- **2-Dimensional barcodes:** Aztec Code, Codablock, Code 49, Data Matrix, GS1 DataBar (RSS) family (12 barcodes), MacroPDF417, MaxiCode, MicroPDF417, PDF417, QR Code
- **Graphics:** Supports user-downloaded fonts and graphics in GRF, PNG, BMP and PCX formats
- **Fonts:** 15 bitmap fonts, one scalable font and one Unicode WGL4 font (Western, Central and Eastern European, Baltic, Cyrillic, Greek, Turkish, Hebrew and traditional Arabic character sets)

### Communication and interface capabilities

RS-232 serial and USB 1.1 (2.0-compatible)

## Operating system

Windows XP, Windows Vista, Windows 7, Windows Server® 2003, OPOS and Linux™ – RedHat and Caldera

## Options and accessories

- **Media guides:** 58, 60, 80 and 82.5mm
- Roll holder "universal" variable position, 200mm diameter max.
- Adaptor for roll holder below position, 250mm diameter max.
- Roll holder wall mount, 150mm diameter max.
- Quick-fit hubs for easy mounting and removal of printer
- Paper-low sensor with 300mm cable
- Adaptor plate and spindle for media on 12mm cores
- Output bezel for easier integration and intrusion protection
- Output shutter to protect the printer from intrusion or damage
- ZBI 2.0™ – Zebra Basic Interpreter for stand-alone and interfacing into legacy applications
- 64MB expanded flash memory
- Compact auto-switching 70W power supply
- Downloadable font packs, Unicode and standard types

## Thinking about mobilising your workforce?

The use of mobile printers in a warehouse or supply-chain environment improves productivity and provides a fast return on investment.

▶ **To find out how your business could benefit from a Zebra mobile-printing solution, please visit [www.zebra.com](http://www.zebra.com)**

\*Specifications subject to change without notice.

©2010 ZIH Corp. E<sup>3</sup>, Element Energy Equalizer, ZBI, ZBI 2.0 and all product names and numbers are Zebra trademarks, and Zebra, representation of Zebra Head and ZPL are registered trademarks of ZIH Corp. All rights reserved. Unicode is a trademark of Unicode, Inc. GS1 DataBar is a trademark of GS1 US, Inc. Windows, Windows Server and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks are the property of their respective owners.



### Zebra Technologies – EMEA Headquarters & Sales Office

Zebra Technologies Europe Limited, Dukes Meadow, Millboard Road, Bourne End, Buckinghamshire, SL8 5XF, United Kingdom  
**Telephone:** +44 (0)1628 556000 **Fax:** +44 (0)1628 556001 **E-mail:** mseurope@zebra.com **Web:** www.zebra.com

### Other EMEA Locations

**Europe:** France, Germany, Italy, the Netherlands, Poland, Spain, Sweden **Middle East & Africa:** Dubai, South Africa