

# B-EP2 B-EP4



DESIGN/UTCOLUK-JN 714

# B-EP2 & B-EP4

Portable Series

## OPTIONS / UPGRADES

Handy shoulder straps and carry cases complement the built-in belt clip for ultimate wearability. Spare batteries as well as single or 6-slot battery chargers are also available.

Choose to upgrade the serial interface model with a Bluetooth or wireless LAN interface kit, and there's a linerless kit to issue labels without backing paper, for waste-free labelling\*.

Finally, for applications on the road there is a cigarette lighter charging adapter (12V input) for the B-EP2 and in the warehouse, there's a DC adapter (48V input) to charge either model in a forklift.

## USER BENEFITS

- Ultra-compact and contemporary rugged design
- Operator keypad with a backlit LCD information display
- Superior print speed, with 'peel and present' labelling
- Largest media capacity with quick and simple media loading
- Flexible connectivity including USB, Bluetooth and wireless LAN
- Swaps easily into existing systems

**The Toshiba EP Series -  
Delivering innovation, technology and reliability.**

	B-EP2DL	B-EP4DL
<b>CHARACTERISTICS</b>		
<b>Technology</b>	Direct thermal	
<b>Dimensions (excluding projecting parts)</b>	119(H) x 88(W) x 65(D)mm	145(H) x 150(W) x 75(D)mm
<b>Weight</b>	480g (approx.)	860g (approx.)
<b>IP Rating</b>	IP54 with optional case	
<b>User Interface</b>	Backlit LCD / Keypad / Beeper / LED	
<b>Operation Temperature</b>	RS232C model: -15°C to 50°C, Bluetooth model: -5°C to 50°C, Wireless LAN model: 0°C to 50°C (LCD operates at 0°C to 50°C)	
<b>Battery</b>	Lithium ion 7.4V, 2600mAh	Lithium ion 14.8V, 2600mAh
<b>Memory</b>	8MB ROM & 16MB RAM	
<b>PRINT</b>		
<b>Resolution</b>	203dpi (8 dots/mm)	
<b>Max. Print Speed</b>	105mm / sec	
<b>Printer Type</b>	Label / Receipt	
<b>MEDIA</b>		
<b>Paper Width</b>	2.28" / 58mm	4.53" / 115mm
<b>Media Roll Size (OD)</b>	2.36" / 60mm	2.68" / 68mm
<b>Max. Label Length</b>	39.3" / 997mm	
<b>Coreless Media</b>	?	?
<b>Drop-in Media</b>	?	?
<b>MODELS</b>		
<b>USB + IrDA + RS232C</b>	B-EP2DL-GH20-QM-R	B-EP4DL-GH20-QM-R
<b>USB + IrDA + Bluetooth</b>	B-EP2DL-GH30-QM-R	B-EP4DL-GH30-QM-R
<b>USB + IrDA + wireless LAN (WLAN)</b>	B-EP2DL-GH40-QM-R	B-EP4DL-GH40-QM-R

	OPTIONS
	Spare battery - shoulder strap - 1 & 6 slot chargers - upgrade interface kit (Bluetooth, wireless LAN) for GH20 model - IP54 rated carry case - linerless label kit - AC & DC adapters
	Vehicle cigarette lighter 12V adapter

	SOFTWARE
<b>Drivers</b>	Windows® 2000 / XP / Vista
<b>Language mode</b>	TPCL, LABEL, RECEIPT, ESC/POS, BCI (function)
<b>SDK for Windows® CE</b>	?

Your TOSHIBA Dealer:

\* We recommend Toshiba linerless media. All company and/or product names are trademarks and/or registered trademarks of their respective owners. All features and specifications described in this brochure are subject to change without notice. Bluetooth is a registered trademark owned by Bluetooth SIG, Inc. and used by TOSHIBA TEC CORPORATION under license. The WI-FI CERTIFIED Logo is a certification mark of the WI-FI Alliance.



# TOSHIBA

**TOSHIBA TEC EUROPE RETAIL INFORMATION SYSTEMS**  
www.toshibatec-eu.com

- |    |   |   |  |
|----|---|---|--|
| HQ | Tel. +32 (0)2 410 21 00<br>info@toshibatec-eu.com<br>www.toshibatec-eu.com      | ES  | Tel. +34 (0)91 502 15 90<br>marketing@toshibatec-eu.es<br>www.toshibatec-eu.es       |
| BE | Tel. +32 (0)2 410 21 00<br>retail@toshibatec-eu.be<br>www.toshibatec-eu.be      | UK  | Tel. +44 (0)870 890 7200<br>marketing@toshibatec-eu.co.uk<br>www.toshibatec-eu.co.uk |
| DE | Tel. +49 (0)2 15 18 38 01<br>marketing@toshibatec-eu.de<br>www.toshibatec-eu.de | <b>GROUP Companies</b>  |  |
| FR | Tel. +33 (0)1 58 07 20 00<br>info@toshibatec-eu.fr<br>www.toshibatec-eu.fr      | <b>TOSHIBA TEC Netherlands Retail Information Systems b.v.</b><br>Tel. +31 (0)33 453 81 00<br>info@toshibatec-eu.nl<br>www.toshibatec-eu.nl |  |
| IE | Tel. +353 (0)1 465 22 20<br>info@toshibatec-eu.ie<br>www.toshibatec-eu.co.uk    | <b>TEC Polska Sp. z o.o.</b><br>Tel. +48 (0)22 501 67 70<br>info@toshibatec-eu.pl<br>www.toshibatec-eu.pl                                   |  |
| AT | Tel. +49 (0)2 15 18 38 01<br>marketing@toshibatec-eu.de<br>www.toshibatec-eu.de | <b>TEC Italia, S.r.l. Gruppo Toshiba</b><br>Tel. +39 (0)2 48 60 24 61<br>info@toshibatec.it<br>www.toshibatec.it                            |  |
| PT | Tel. +351 214 222 064<br>comercial@toshibatec.eu.pt<br>www.toshibatec.eu.pt     |   |  |

Our best thermal printing innovations, wherever you are, right at your fingertips.

Compact and stylish, the cool black EP range of 2 and 4 inch portable thermal printers is the ultimate in wireless functionality and reliability on the move.



# TOSHIBA

Leading Innovation >>>

# B-EP2 B-EP4

## RUGGED ENDURANCE ON THE MOVE

We have put our big printer technology into the smallest possible package. Perfect for labelling on the shop floor, printing prescriptions on hospital wards, issuing tickets in the street or barcoding in the warehouse.



### APPLICATIONS

- Retail**  
 Price mark-down & shelf-edge labelling, queue busting, promotions
- Warehousing & Logistics**  
 Shipping labels, invoices, parcel tracking, delivery notes
- Hospitality**  
 Event & meal tickets, mobile POS
- Healthcare**  
 Mobile pharmacy, patient IDs, document & lab sample tracking
- Public Services**  
 Traffic wardens, police, facilities operatives & public transport (tickets, fines, utility billing, metre reading, etc.)
- Field Support**  
 PAT testing, receipts for field sales & support charges



Backlit LCD user interface



Robust and rugged, withstands a 1.8m drop on to concrete (1.5m for B-EP4)



Wi-Fi certified (GH40 model)



Market-leading media capacity for fewer roll changes

### LIGHTER, FASTER

We've always created the most compact machines on the market. Each one is so small and light (from 480g & 860g including battery) that you can wear or carry it and forget that it's there.

Get top quality printed images at top speeds. The EP range boasts a market-leading print speed of up to 4 inches per second (105mm/sec) and a high performance 32bit RISC CPU ensures lightning-fast processing. With 'peel & present' on demand, simply take a label and the next one is issued in a flash.

### DURABLE & ROBUST

Portable printers can be required in various environments so it's natural to expect them to perform perfectly even in extreme conditions.

In the real world, accidents can happen, so we developed rugged rubber corners, easily passing a 1.8m drop test on to concrete (1.5m for B-EP4).

We didn't stop there with the rubber, we used it on the external ports to protect them from any spills. Even strict IP54 enclosure standards against dust and water ingress are surpassed with the optional carry case.

### SO SIMPLE TO USE

For user friendliness and very fast operator training times, there's nothing like the clear backlit LCD read-out on the larger Toshiba thermal printers. So we put it into the mobile range as well, displaying a label counter, battery level, wireless signal strength and error messages. There's audible alerts too, just in case.

### LESS MEDIA CHANGES

Papers or labels dropped in with one hand? No problem. The large capacity we've designed means changing media much less often, three times less often than the B-SP series. Plus there's no cores required on the rolls, so minimal waste.

### POWER OPTIONS

The high endurance lithium ion battery ensures many hours of operation. Swap it out for external recharging or simply charge in situ using an optional adaptor.

### EASY NETWORKING

The EP range is Wi-Fi certified, making networking to all wireless or cabled systems a breeze.

USB 2.0 and IrDA (infrared) are standard across the EP models. Simply choose between Bluetooth, wireless LAN and serial. The latter model can even be upgraded to wireless and Bluetooth at a later date using the optional kit.

### SWIFT INTEGRATION

With MS Windows® drivers (2000, XP, Vista) and configuration utilities as standard, there's also an SDK for Windows® CE 5.0 and Windows® Mobile 5.0, a unique "BCP Print for CE" Emulator for developing bespoke applications with ease.

The EP series speaks many programming languages and is designed to simply plug and play without any software changes, whether it's a Toshiba printer using TPCL or any make using BCI (Basic Command Interpreter).

Both units will handle inputs from other peripherals such as scales and scanners. Uniquely, they support ESC/POS language.

**TOSHIBA**  
Leading Innovation >>>

