

Zapper Tornado BT™

Unbeatable Long Range Cordless Scanning



The Zapper Tornado BT™ is our latest scanning sensation, combining cutting-edge Imaging Technology and Bluetooth Wireless Technology to provide outstanding scanning performance even with worn or difficult to read barcodes, and the convenience of cordless operation.

The cradle charges the Zapper Tornado BT and contains the Bluetooth interface, so there's no need for a separate dongle. Whilst the Zapper Tornado BT is in its cradle, it has the ability to scan in presentation mode.

The Zapper Tornado BT can operate 80 to 100 metres away from the cradle, via Bluetooth wireless transmission.

When Out of Range mode is enabled, its large internal flash memory is capable of holding thousands of barcodes. This is handy if you move out of range for later transmission when you come back into range.

It also has the capability of pairing up to seven handhelds to one cradle (in PICO mode).

Lightweight, yet highly durable and streamlined, the Zapper Tornado BT delivers operation in any application.



SPECIFICATIONS

ELECTRICAL

System interfaces	USB, RS232, KBW
Input Voltage	5V DC Power Supply
Battery	3.7V, 2600mAH Li-Ion Rechargeable Battery
Battery Life -full charge	More than 60,000 scans and transmissions
Recharge time	Approx. 4-5 hours per full charge

OPERATIONAL

Light Source	630 nm visible LED
Optical System	High Performance Linear Imaging Engine
Depth of Field	Up to 48cm on 100% UPC/EAN Symbols, Up to 68cm on 20 mil Code 39
Scan Rate	Up to 500 scans per second
Minimum Bar Width	3mil (Code 39, PCS 0.9)
Print Contrast	20 % minimum reflective
Indicators	Blue link and 2-colour status indicators
Operating Modes	Trigger, Presentation, Batch, Out of Range
Symbology	Reads most 1D and Linear/stacked barcode symbologies, including GS1. Refer to Zapper Tornado BT manual

PHYSICAL

Dimensions	97mm x 65mm x 156mm
Weight	198g (battery included)
Colour	Black

COMMUNICATION CHARACTERISTICS

Radio Standard	Bluetooth v2.1 EDR
Radio Frequency	2.402~2.4830 GHz unlicensed ISM Band
Radio Link Modes	PAIR mode, PICO mode, SPP mode, HID mode
Working Range	80 - 100 metres in open space, line of sight

REGULATORY

EMC & Radio	RCM, CE, FCC, BSM, KC, NCC, VCCI & MIC compliant
Environmental	Compliant with RoHS directive
Safety	LED Eye Safety IEC62471 Exempt Group

ENVIRONMENT

Operating Temperature	-10°C to 50°C
Storage temperature	-40°C to 70°C
Humidity	5% - 95% RH (non condensing)
Ambient Light Injection	0-100,000 LUX
Shock	Designed to withstand multiple 1.5m drops to concrete

- **Perfectly suited to retail and general purpose applications. For libraries, it reads ISBN/SCIS and 13 digit ISBN**
- **Smart charging to prolong battery life**
- **Bluetooth certified with up to 80 metre range**
- **Backed by three year factory warranty***
- **Multi interface base station**
- **Multiple scanner pairing capability**
- **Rechargeable long life Li-Ion battery with up to 60,000 scans and transmissions per charge**

* excludes cable and rechargeable batteries

Meet the family of Zapper Tornado scanning solutions

Zapper Tornado	Zapper Tornado BT	Zapper Tornado 2D
Zapper Tornado HC	Zapper Tornado BT HC	Zapper Tornado 2D HC
Zapper Tornado BT 2D	Zapper Tornado BT 2D HC	



ASP MICROCOMPUTERS

14 Business Park Drive, Notting Hill, VIC 3168

T: 03 9578 7600 F: 03 9578 7727 Toll Free 1800 061 642

E: solutions@asp.com.au W: www.asp.com.au

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