

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 up to 80 metres away from the cradle, via Bluetooth wireless transmission.

When 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, 220mAH Li-Ion Rechargeable Battery
Battery Life -full charge	More than 45,000 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	47cm on 100% UPC/EAN Symbols, 61cm on 20 mil Code 39
Scan Rate	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
Beeper Operation	Programmable tone and beep time
Symbology	Reads most 1D and Linear/stacked barcode symbolologies, including GS1. Refer to Zapper Tornado BT manual

PHYSICAL

Height	156mm
Depth	97mm
Width	65mm
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	Over 80 metres in open space, line of sight

REGULATORY

EMC	CTick, CE & FCC compliant
Radio	FCC Part 15 Subpart C, Japan MICT401, CE EN300328, Taiwan LEP0002 (NCC)
Safety	LED Eye Safety IEC60825-1, EN60825-1

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 two year factory warranty***
- **Multi interface base station**
- **Multiple scanner pairing capability**
- **Rechargeable long life Li-Ion battery with up to 45,000 scans per charge**

* excludes cable and rechargeable batteries



Our Innovation - Your Edge™

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