

iFrog Specifications

- 1) One handed keyboard
- 2) Single-handed use with full-sized (15mm x 15mm) keys
- 3) 20 pad keyboard
- 4) Alpha-numeric keys positioned in a 3 x 5 array
- 5) Unique keyboard layout:
- 6) U.S. Patent # 5,793, 312 and International Patent Pending # 6,348, 878
- 7) Available in right and left handed models
- 8) Bluetooth model:
 - 2.4 GHz operating frequency
 - 10m (30ft) operating range
 - Compatible with devices using the Bluetooth HID profile
- 9) Powered by: integrated Li Polymer re-chargeable battery
- 10) Size: ~ 5.60" x 3.73" x 0.66"
- 11) Weight: ~ 180 grams

Bluetooth is a short-range radio link intended to be a cable replacement between portable and/or fixed electronic devices.

Bluetooth operates in the unlicensed ISM Band at 2.4 GHz. In the US a band of 83.5 MHz width is available. In this band, the Bluetooth technology defines 79 RF channels spaced 1 MHz (2402 - 2480 MHz). The actual RF channel is chosen from a pseudo-random hopping sequence through the 79 channels. A channel is occupied for a defined amount of time slots, with a nominal slot length of 625 μ s. The maximum dwell time on one channel is defined by the packet type and is 0.625 ms for DH1 packets, 1.875 ms for DH3 and 3.125 ms for DH5. The nominal hop rate is 1600 hops/s for DH1, 1600/3 for DH3 and 1600/5 for DH5. All frequencies are equally used. The maximum nominal average time of occupancy is 0.4 s within a period of 79*0.4 seconds.