

General Specifications

SYSTEM OPERATION

The BlueParrott B150 is a professional grade wireless Bluetooth headset. The headset is worn over the head via a headband and temple rest on the opposite side. The headset microphone is positioned at the corner of the mouth for a clear, noise-free signal.

CONNECTION

The B150 headset pairs to other bluetooth enabled devices such as computers and mobile phones using handsfree and headset profiles.

WIRELESS	The headset is Bluetooth Class 2
TRANSMISSION	Frequency Hopping Spread Spectrum
FREQUENCY	2.402 to 2.4835 GHz
RF POWER	2.5 mW max

Headset Specifications

HEADSET INDICATORS

- Yellow LED Bluetooth indicator, slow flashing during standby mode, quick flashing during active mode
- Red LED Bluetooth indicator, flashes when pairing
- Red LED charging indicator
- Green LED charge complete indicator

HEADSET CONTROLS

- Multifunction button for active and standby modes and Bluetooth pairing
- Volume up button, 1 of 7 steps after each press, mic mute after 3 second press
- Volume down button

DIMENSIONS	72 H, 140 W, 56 D mm, headband fully extended
WEIGHT	72 gm
HEADBAND	Stainless steel with ratcheting adjustment
MIC BOOM	Flexible, adjustable with no springback , 4 mm diameter
BATTERY	2.4 V, 330 mAh NiMH
TALK TIME	Up to 6 hours
STANDBY TIME	Up to 100 hours
MICROPHONE	Noise cancelling, electret, 6 mm diameter
EARPHONE	Dynamic, high intelligibility driver, 36 mm diameter
BLUETOOTH	Qualified profiles GAP 1.2, SPP 1.1, HS 1.1, HFP 1.0 Can be paired with Bluetooth mobile phones, dongles



MICROPHONE SPECIFICATIONS

- Microphone: Noise Canceling electret
- Ambient Noise Suppression: 13 db @ 1kHz, typical
- Output impedance: 1.8 Ohms typical
- Sensitivity: -44 dB @ 1kHz (defined 1" from talk-side, 82 dB SPL)
- Frequency Response: 20 Hz to 15 kHz.
- Operating Current: 320 mA max.
- Operating Voltage: DC 1.0V min to 20V max.

RECEIVER SPECIFICATIONS

- Speaker: Dynamic, 36 mm diameter
- SPL: 90 dB @ 1 kHz, 0.55V input
- Impedance: 300 Ohms
- Frequency Response: 200 Hz to 5 kHz
- Rate in put: 10mW continuous, 100mW peak

Agency Approvals

SAFETY

UL 60950, CSA C22.2 No. 960, JATE for Japan, CE

RADIO

FCC Part 15, Industry Canada, TELEC for Japan, CE

TELECOM

FCC Part 68, IC, TELEC, CE