




## BlueParrott Advanced noise-cancelling headset with upgraded comfort and secure fit User Guide

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## Advanced noise-cancelling headset with upgraded comfort and secure fit

- **Industry-leading noise cancellation.** Blocks out 96% of background noise<sup>1</sup>.
- **Up to 24 hours of talk time.** Keep talking with long-lasting battery life.
- **Works with Microsoft Teams Walkie Talkie<sup>2</sup>.** Delivers seamless Walkie Talkie collaboration.
- **Customizable Parrott Button<sup>TM</sup>.** Enable fast access to your favorite features including Push-to-Talk. B450-XT MS comes with Parrott Button pre-programmed for access to Microsoft Teams Walkie Talkie.
- **Tough, IP54-rated design.** IP54-rated protection against dust and moisture.
- **USB-C charging.** One charger for all your devices is a lot more convenient.
- **Padded headband and cushioned earcup.** Secure fit and all-day comfort.
- **VoiceControl<sup>TM</sup>.** Answer or reject calls with just your voice.
- **Walk and talk.** Up to 300 feet/100 meters wireless range from paired Bluetooth® devices<sup>3</sup>.
- **Get more from your headset.** Select features and update firmware via the BlueParrott App<sup>4</sup>.
- **Large buttons.** Easy to locate and press buttons.
- **Works with most Bluetooth devices.** Use our SDK to enable custom experiences<sup>5</sup>.

[Engineered for superior communication in high-noise environments](#)

## TECHNICAL SPECIFICATIONS

### Audio

Speaker	36mm
Speaker sensitivity	123dB SPL at 1 mW/1 kHz
Speaker impedance	32 $\Omega$
Speaker max input power	50mW
Speaker frequency range	150-6800 Hz
Microphone type	bi-directional electret
Microphone frequency range	150-6800 Hz
Microphone sensitivity	-47dBV/Pa

#### Ease of use

Paired devices	Up to 8, connected to two at the same time (multipoint )
Wearing style	Over-the-head
App. support	BlueParrott App & BlueParrott Updater
Features	Answer/end/reject call, Battery / LED indicator, Advanced Audio Distribution (A2DP) for music, podcast and GPS streaming <sup>3</sup> , works with Microsoft Teams Walkie Talkie <sup>2</sup> , customizable Parrott Button <sup>5</sup> , Firmware updates via mobile App <sup>4</sup> , IP54 water and dust resistant, volume up / down, NFC, HD voice

#### Battery

Talk time	Up to 24 Hours
Standby time	Up to 500 hours
Power Nap for extended standby time	N/A
Charging time	Approx. 3 hours
Battery charging current	380mAh (headset)
Bluetooth compliance	Bluetooth version 5.0
Supported Bluetooth profiles	Advanced Audio Distribution (A2DP) v1.3.1, Hands-Free Profile v1.7, Headset Profile v1.2, Phone Book Access Profile (PBAP) v1.1.1
Supported modes	EDR (2 and 3 Mb), SCO, eSCO, sniff mode
Security	128 bit encryption
Operating range	Up to 300 feet/100 meters <sup>3</sup>
Pairing passkey or PIN	0000

## General

Headset and/or charging case weight	Headset: 161 grams (5.67 oz)
Headset dimensions	Headset H 169 x W 161.5 x D 59.0 mm (6.65 x 6.35 x 2.32 in)
Operating temperature	-10° C to 60° C (14 F to 140 F)
Storage temperature	-10° C to 45° C (14 F to 113 F)
Materials	Headset: PC/ABS, PC, silicon rubber, rubber, nylon, POM, stainless steel, foam, leatherette and TPU
What's in the box	1 BlueParrott B450-XT/B450-XT MS headset, 12-24vdc vehicle charger, USB-C to USB-A charging cable (length 3.9ft/1.2m), foam ear cushion, spare microphone windscreen, quick start guide, warranty and warning leaflet
Certification	Bluetooth 5.0, CE, FCC, IC, CEC, RoHS, REACH, TEL EC, KCC, RSC
Warranty	B450-XT: Two-year warranty EMEA & APAC; one-year warranty North America B450-XT MS: Three-year war ranty EMEA & APAC; two-year warranty North Americ a

## Ordering Information


BlueParrott B450-XT BPB-45020	SKU 204270 EAN 5706991022582 UPC 706487019817
BlueParrott B450-XT MS	SKU 204305 EAN 5706991024036 UPC 706487021223

1. Independently verified by CJS Labs, San Francisco, CA
2. B450-XT MS only
3. Device and network dependent
4. Device and network dependent. Excludes B450-XT MS
5. Excludes B450-XT MS



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## Documents / Resources

	<p><a href="#">BlueParrott Advanced noise-cancelling headset with upgraded comfort and secure fit</a> [pdf] User Guide</p> <p>Advanced noise-cancelling headset with upgraded comfort and secure fit, B450-XT, B450-XT M S, BPB-45020</p>
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## References

- [🔗 Wireless Headsets | On the go headsets | BlueParrott](#)