



# Buyer's Guide to Push-to-Talk in High-Noise Environments



Many companies are increasing productivity with voice-enabled solutions. Push-to-Talk (PTT) improves that communication even further.







For those who work in supply chain, retail, hospitality, and emergency services, headsets are vital for conversation and collaboration. Working conditions in these industries can be challenging, with high levels of noise disrupting or delaying communications, costing time and money.

Voice-enabled solutions like PTT offer immediate connectivity between management and employees. This improved communication helps drive the organization's efficiency and customer service.

**Did you know?**

The average cellular phone call takes 2 minutes while the average PTT exchange takes 30 seconds.\*

\*Source: Saxox: A Savox Guide to PoC Communications 2015

-   
**Reduced costs**
-   
**Improved efficiency**
-   
**Improved group communication**
-   
**Low-risk implementation**
-   
**High scalability**
-   
**Secure communication using headset and PTT app**

## What is Push-to-Talk?

Globally, enterprise companies are moving towards the adoption of cloud-based, Voice-over-IP (VoIP) solutions, deployed on mobile hand-held devices.

PTT functionality can be enabled on any mobile device, allowing users to communicate within their organization by simply pushing a button.

PTT is ideal for teams working together in different locations or departments, who need to communicate quickly and effectively. Communications can be controlled to filter out unwanted clutter or noise in the conversation, allowing employees to better focus on the task at hand.

**Choose BlueParrott**

BlueParrott products are engineered for superior communication in high-noise environments, and offer simple but effective 1:1 or mass communication using PTT\*, enabling employees to work hands-free.

BlueParrott headsets support PTT solutions through the BlueParrott mobile app, and are compatible with most enterprise PTT applications. This makes BlueParrott headsets ideal for workers in warehouse, retail or hospitality settings.

The C300-XT MS and B450-XT MS work with Microsoft Teams Walkie Talkie. Simply press the Parrott Button™ for a seamless PTT experience.

\* Headset dependent

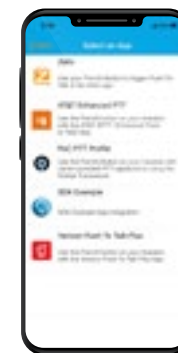


**C300-XT MS works with Walkie Talkie**

**Works with:**  
 Microsoft Teams



**BlueParrott headset with App**



## How to use Push-to-Talk

**1 Select a mobile device**



**2 Connect to a network**



**3 Choose a PTT app**



# How BlueParrott Push-to-Talk enhances business communications

Because all BlueParrott headsets have Bluetooth® connectivity, they can connect to any mobile device and can therefore be used to talk to many devices at once, via PTT.

BlueParrott headsets are quick and easy to pair with mobile devices, whether it's a tablet, smartphone, mobile computer or feature phone. Our headsets offer the ability to connect to

two devices at once to improve productivity, while Near Field Communication (NFC) makes pairing easy.

The BlueParrott app can be used to connect to major carriers' PTT applications for enterprises that need to manage mass communication.

# Stay connected in high-noise environments with BlueParrott headsets

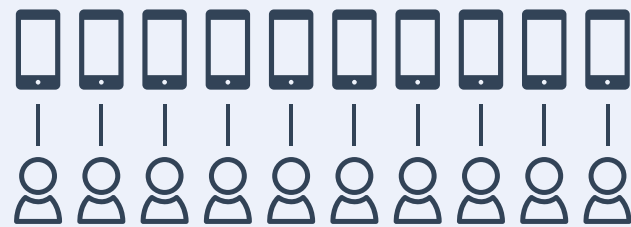
## Engineered for superior communication in high-noise environments

BlueParrott is a leader in intelligent, noise-cancelling audio solutions, delivering superior call quality in high-noise environments.

- Up to 96% noise cancellation for superior communication\*
- Long lasting with up to 24-hour talk times
- Superior connectivity with range of up to 300ft/100m
- Customizable Parrott Button™ which can be set up for Push-to-Talk
- Hands-free access with VoiceControl™
- IP54-rated protection against dust and moisture
- Multipoint pairing allows teams to seamlessly switch between two simultaneously connected devices
- Durable and comfortable

\* Independently verified by CJS Labs San Francisco, CA

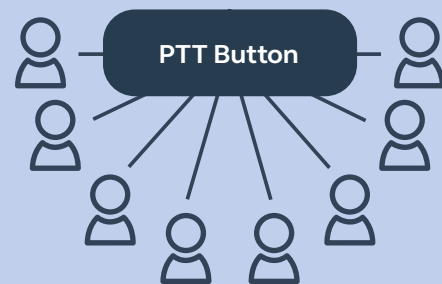
## Mobile Phone Call: 1-to-1



10 calls = 10 contacts



## PTT Call: 1-to-many



1 call = 10 contacts



## BlueParrott headsets offering Push-to-Talk

These BlueParrott headsets have the Parrott Button™, making PTT easy.

	Headband wearing style			Versatile wearing style	
	LIGHTWEIGHT COMFORT	PREMIUM PERFORMANCE	100% HANDS-FREE	For retail, warehouse and field services	For service workers and hard hat wearers
	<b>B350-XT</b> 	<b>B450-XT</b> <b>B450-XT MS</b> 	<b>B550-XT</b> 	<b>C300-XT</b> <b>C300-XT MS</b> 	<b>C400-XT</b> 
<b>Noise Cancellation %</b>	96%	96%	96%	80%	96%
<b>Talk Time (up to)</b>	24+ hours	24+ hours	24+ hours	10+ hours	24+ hours
<b>Standby Time (up to)</b>	500 hours (20 days)	500 hours (20 days)	400 hours (16 days)	320 hours (13 days)	500 hours (20 days)
<b>Bluetooth</b>	Version 5.0	Version 5.0	Version 5.0	Version 5.0	Version 4.1
<b>Range</b>	Class 1 Up to 300ft/100m	Class 1 Up to 300ft/100m	Class 1 Up to 300ft/100m	Class 1 Up to 300ft/100m	Class 1 Up to 300ft/100m
<b>Voice Control™</b>	Yes	Yes	Yes	Yes	Yes
<b>Parrott Button™</b>	Yes	Yes	Yes	Yes	Yes
<b>Connectivity</b>	Multi-connect (2 devices)	Multi-connect (2 devices)	Multi-connect (2 devices)	Multi-connect (2 devices)	Multi-connect (2 devices)
<b>Wearing Style</b>	Over-the-head	Over-the-head	Over-the-head	Convertible	Convertible
<b>Headset Weight</b>	3.5oz/98g	5.7oz/161g	5.8oz/165g	0.9oz/25.4g	1.95oz/55g
<b>Works with Microsoft Teams Walkie Talkie</b>	N/A	B450-XT MS only	N/A	C300-XT MS only	N/A
<b>IP rated protection against dust and moisture</b>	IP54	IP54	IP54	IP65	IP54





# Integration with enterprise mobile devices

Adding BlueParrott headsets to mobile deployments drives collaboration and efficiency, and enables hands-free usage. BlueParrott headsets integrate seamlessly with a range of enterprise mobile devices and software, and our open SDK enables enterprises to build custom experiences for their own solution ecosystem.

Supported devices:



Smartphones, tablets, Bluetooth enabled laptops/computers and Bluetooth enabled handheld scanners.

Our close partnerships with top hardware manufacturers make BlueParrott the ideal voice communication provider, whether you're implementing a voice-directed picking warehouse solution or a voice-enabled PTT solution.

# Compatibility Table

Developer	PTT app	Type	Market availability	Interoperability method
Microsoft Teams*	Microsoft Teams Walkie Talkie	Cloud	Global	NA
Zebra	Zebra Workforce Connect Voice	Cloud	Global	via Zebra app
Zebra	Zebra PTT Pro	Cloud	Global	via Zebra app
IMPTT	ProPTT2	Cloud	Korea	via launch of PTT app
Motorola Solutions (Kodiak)	Movistar Team Talk	Carrier	CALA	via BlueParrott app
Motorola Solutions (Kodiak)	Tigo	Carrier	CALA	via BlueParrott app
Motorola Solutions (Kodiak)	Telefonica	Carrier	CALA	via BlueParrott app
Motorola Solutions (Kodiak)	Proximus PTT	Carrier	Belgium	via BlueParrott app
Motorola Solutions (Kodiak)	KPN PTT	Carrier	Netherlands	via BlueParrott app
Motorola Solutions (Kodiak)	Vodafone PTT	Carrier	Netherlands	via BlueParrott app
Zello Inc.	Zello	Cloud	Global	via launch of PTT app
Motorola Solutions (Kodiak)	AT&T Enhanced PTT	Carrier	USA	via BlueParrott app
Motorola Solutions (Kodiak)	Verizon PTT+	Carrier	USA	via BlueParrott app
Motorola Solutions (Kodiak)	Sprint Direct Connect Plus	Carrier	USA	via BlueParrott app
Motorola Solutions (Kodiak)	Bell Mobility PTT	Carrier	Canada	via BlueParrott app
Motorola Solutions (Kodiak)	Wave On Cloud	Cloud	Global	via BlueParrott app
SLA Group	ESChat	Cloud	USA	via BlueParrott app
STA Group (Cisco)	Instant Connect	Cloud	NA	via launch of PTT app
Zinc Inc.	Zinc	Cloud	NA	via launch of PTT app

\* Currently works with C300-XT MS and B450-XT MS variants only

A black and white photograph of a man in profile, facing right. He is wearing a white lab coat over a dark shirt and a BlueParrott headset with a microphone. The background shows a hospital room with medical equipment, including a patient bed and a stand with various devices. The lighting is soft, highlighting the man's features and the headset.

Learn more  
at [blueparrott.com](http://blueparrott.com)

**GN** Making Life Sound Better  
FOR 150 YEARS

BlueParrott Buyers Guide to Push-to-Talk - 06/2020 • BlueParrott has sought in good faith to put together the information provided herein on the basis of the necessary, available and appropriate information at the time of its creation. Any reference in this brochure is of a general nature and should be verified before any purchase or other activity. BlueParrott is not responsible for any claims arising from errors or outdated information that appears in this brochure. © 2020 GN Audio A/S. All rights reserved. BlueParrott is a registered trademark of GN Audio A/S. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by GN Audio A/S is under license.