The Buyer’s Guide to Push-to-talk in High-Noise Environments

Engineered for superior communication in high-noise environments

GN Making Life Sound Better
Companies are improving their productivity through voice enabled solutions. Push-to-talk is helping to manage that communication.

Not every professional work setting requiring a headset is an open office. For those who work in industry, retail, hospitality, and the emergency services, headsets are needed for vital colleague-to-colleague conversation and collaboration – but the conditions they work in are extreme.

Team and individual performance is becoming ever more prominent in the objectives and goals of an organization, resulting in tougher demands on employees. If communication is challenging in high-noise environments, then performance suffers and simple tasks take longer, costing organizations time and money.

The success of a team is highly dependent on communication and voice enabled solutions like push-to-talk become essential. Employees work more efficiently and push-to-talk solutions offer organizations speed and convenience. Immediate connectivity between management and employees can offer customers the satisfaction they are looking for, making life easier for everyone.

Did you know?
An average cellular phone call takes 2 minutes while the average push-to-talk call takes 30 seconds.*

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

Benefits of Push-to-talk (PTT)
- **Reduce costs**: reduce communication to a single mobile device
- **Increased efficiency**: faster, one-touch, voice enabled communication
- **Improved internal communications**: within teams but also with management
- **Low implementation risk**: easily integrated in your existing communicating technology
- **100% scalable**: easy to find the right balance within your organization
- **Secure, free communication channels once connected through your headset and preferred PTT app**
- **Compatible with many leading PTT apps**

So, what is push-to-talk?
Well, simply put it’s a form of communication between 2 or more devices, enabled by pushing a button. This ‘walkie-talkie’ like functionality, which can be performed on any mobile device, can talk to many devices at once for effective group communication or be used to speak more privately, on a 1-to-1 basis.

BlueParrott products are engineered for superior communication in high-noise environments and are able to provide a means to simple and effective mass communication. Not only through 1-to-1 communication but also amongst teams working together in different locations or departments.

Push-to-talk communication can be tailored to manage mass communication. The flow of communication can be controlled to filter out unwanted clutter or noise in the conversation allowing employees to really focus on the task at hand.

BlueParrott headsets support push-to-talk solutions through the BlueParrott app and are compatible with major carriers offering a carrier-graded PTT application.
1. Mobile devices

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BlueParrott is a leader in intelligent, noise-cancelling audio solutions. We engineer the world’s best microphones and combine them with unrivaled noise-cancelling technology to deliver superior call quality in high-noise environments.

- Up to 96% noise cancellation for superior communication
- Long lasting with up to 24 hours talk time
- Experience superior connectivity with range up to 300ft / 100m
- Customizable Parrott Button™ which can be set up for push-to-talk
- Hands-free access with VoiceControl™
- Multipoint pairing allows teams to seamlessly switch between two simultaneously connected devices.
- Durable and comfortable

To learn more about BlueParrott headsets, please visit blueparrott.com

2. Network

Because all BlueParrott headsets have Bluetooth® connectivity, they can connect to any mobile device and can therefore talk to many devices at one time through the enablement of push-to-talk. Whether it’s a tablet, smartphone, mobile computer or feature phone, BlueParrott headsets are quick and easy to pair with devices and most headsets can pair with up to 8 difference devices, giving organizations a simple set up, hassle free.

See how push-to-talk can transform your business

3. PTT app

The BlueParrott app can be used for simple, and small push-to-talk group communications yet, it also supports and connects to major carriers offering a carrier-graded push-to-talk application for larger enterprises that need to manage mass communication.

See which products BlueParrott headsets are compatible with in the table below.

### Compatibility Table

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<tr>
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<td>NA</td>
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### Noise Cancellation %

- B350-XT: 96%
- B450-XT: 96%
- B550-XT: 96%
- C300-XT: 80%
- C400-XT: 80%

### Talk Time

- B350-XT: 24 hours
- B450-XT: 24 hours
- B550-XT: 24 hours
- C300-XT: Up to 10 hours
- C400-XT: 24 hours

### Standby Time

- B350-XT: 500 hours (20 days)
- B450-XT: 500 hours (20 days)
- B550-XT: 400 hours (16 days)
- C300-XT: 320 hours (13 days)
- C400-XT: 500 hours (20 days)

### Bluetooth Version

- B350-XT: 4.0
- B450-XT: 4.0
- B550-XT: 5.0
- C300-XT: 5.0
- C400-XT: 4.0

### Range

- B350-XT: Class 2 (Up to 66ft/20m)
- B450-XT: Class 1 (Up to 300ft/100m)
- B550-XT: Class 1 (Up to 300ft/100m)
- C300-XT: Class 1 (Up to 300ft/100m)
- C400-XT: Class 1 (Up to 300ft/100m)

### Voice Control

- IMPTT: No
- Motorolaa Solutions: Yes
- Zello Inc.: Yes
- Zello Inc.: Yes
- Zello Inc.: Yes
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### PTT Button

- IMPTT: Yes
- Motorolaa Solutions: Yes
- Zello Inc.: Yes
- Zello Inc.: Yes
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### Connectivity

- IMPTT: Multi-connect (4 devices)
- Motorolaa Solutions: Multi-connect (4 devices)
- Zello Inc.: Multi-connect (4 devices)
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### Wearing Style

- IMPTT: Over-the-head
- Motorolaa Solutions: Over-the-head
- Zello Inc.: Over-the-head
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### Headset Weight

- IMPTT: 2.72oz/77g
- Motorolaa Solutions: 5.22oz/148g
- Zello Inc.: 5.8oz/165g
- Zello Inc.: 0.9oz/25.4g
- Zello Inc.: 1.95oz/55g
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### NFC Pairing

- IMPTT: Internal NFC
- Motorolaa Solutions: Internal NFC
- Zello Inc.: Internal NFC
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### Warranty

- IMPTT: 1 year
- Motorolaa Solutions: 1 year
- Zello Inc.: 1 year
- Zello Inc.: 1 year
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Stay connected in high-noise environments with BlueParrott headsets

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BlueParrott headsets with push-to-talk compatibility

These BlueParrott headsets have the Parrott Button™ making push-to-talk capabilities quick and easy

BlueParrott B550-XT
Simply talk, to talk.
The world’s first 100% voice-controlled headset* • Blocks out 96% of background noise* • Over 24 hours of talk time • Use your voice to control calls

BlueParrott B450-XT
Professional-grade audio.
Made for maximum comfort. • Blocks out 96% of background noise* • Up to 24 hours of talk time • All-day comfort

BlueParrott B350-XT
Professional-grade audio.
Your favorite features, customized. • Blocks out 96% of background noise* • Up to 24 hours of talk time • Customizable Parrott Button™

BlueParrott C400-XT
Professional-grade audio. Wearing styles for every use. • Blocks out 96% of background noise* • Up to 24 hours of talk time • 3 wearing styles for every need

BlueParrott C300-XT
Professional. Powerful. Discreet. • 80% noise cancellation • Over 10 hours of talk time • High-performance made compact
