crew HEADSET

MARKETING DATA SHEET

The Crew Headset is a communication device that redefines the boundaries of short-range critical communications. Ergonomically designed, it is powered by both Bluetooth® and Dynamic Mesh Communications (DMC™) technologies and equipped with the best hearing protection capabilities, making it the ideal solution for teamwork in hazardous or challenging industries.

KEY BENEFITS

Intercom System, Dynamic Mesh Communications (DMC™) - Meet the **CREW HEADSET**, a uniquely dynamic intercom system with self-healing capabilities that connects up to 15 randomly moving team members. The always-on, full-duplex, hands-free communication technology is a 100% autonomous network (no need for any base station), designed to perform under the toughest environments.

Full-Duplex Communication Technology
Multiple intercom networks can operate in the same terrain allowing several teams to speak simultaneously without interruption.

Hands-Free Operation
Natural Voice Operation and Always on Communication allow hands free operation – no need to press buttons or turn dials. The always-on communication technology provides the utmost in safety. Team members can operate/activate the system simply by voice commands such as "Radio On," allowing team members to keep their hands free and focus on their tasks.

100% Autonomous Network
With the PRO-1, no additional base station is necessary, so it works anywhere without the need for additional equipment. Autonomous networks allow team communication where standard systems are blocked or are non-operational.

Level Dependent / Listen Through - Reduces impulse noises and allows ambient noise including amplification of the human voice.

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INTERCOM SYSTEM - DYNAMIC MESH COMMUNICATION (DMC™)

- Connects a group of up to 15 participants in full-duplex, multi-party conference mode
- Auto-adaptive mesh algorithm for robust communication
- Optional 1:1 private chat among group members
- Optional muting of group conversation
- Emergency notifications
- Optional merging of external audio sources (e.g. 2-way radio, cellphone) into ongoing group conversation

BLUETOOTH®

- Bluetooth version: BT4.2 (Dual Mode)
- Bluetooth class: 2
- Music streaming (A2DP and AVRCP)

2-WAY RADIO SUPPORT

- Seamless connectivity with 2-way radio devices
- Optional PTT button support

CHANNEL SUPPORT AND CHANNEL SELECTION

- 8 channels for coexistence of multiple intercom networks
- Channel selection by mobile application or at a click of a button

RANGE

- Designed to support communication of up to 10,000 ft / 3000 m with multiple participants (*)

LEVEL DEPENDENT / LISTEN THROUGH

- Hear your surroundings for situational awareness
- Allow ambient noise including human voice amplification
- Automatically limits high impulse noises

POWER MANAGEMENT

- Include Li-Ion rechargeable battery for long operating time

NATURAL VOICE OPERATION

- Activate main functions using natural voice operation
- Hands-free operation - no need to push any buttons
- Multilingual voice operation

MOBILE APPLICATION

- Android and iOS App support for device configuration and operation

FM RADIO

- Automatic FM radio station identification (RDS)
- User can set 6 radio stations
- Station frequency announcement
- Fast scan of radio stations

PC TOOLS

- Off-line creation of intercom groups
- On-line software updates
- Device configuration

AUDIO FEATURES AND HIGH QUALITY SOUND

- Self hearing / Sidetone
- DSP (Digital Signal Processor) for high-end audio quality
- Status announcements for easy set-up and operation

REGULATORY

- FCC (Title 47 CFR Part 15), North America
- IC (RSS-210), Canada
- CE (RED), Europe
- EN352 and ANSI S3 19-1974

* Estimate only and solely intended for illustrative purposes. Actual range is subject to several external parameters and the number of participants in the group. The larger the group, the wider the range.

** Available also as helmet mount