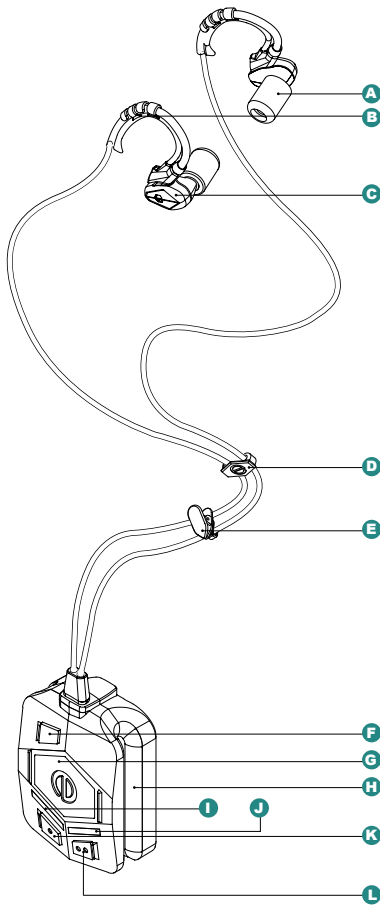


THE CONNECTED PROTECTED WORKER

Active level-dependent protection, high noise communication up to 105 dB(A), earpiece fit test, and active protection monitoring, all rolled into one device: **SonX**.



- A Eartip
- B Ear hook
- C Earpiece
- D Bolo
- E Clip
- F Fit Test, workplace settings
- G PTT, power ON
- H Replaceable battery, attachment
- I Battery life indicator, mode indicator
- J Volume indicator, mode indicator
- K Volume down, power OFF
- L Volume up, radio team channels



PROTECTION	
Level Dependent Protection	Noise Isolation or Acoustic Transparency Mode Auto Detect Mode enabled automatically at 85 dB(A) Manual override Workplace Settings (modes)
SonX Fit Test	In-noise, on-demand, earpiece Fit Test Pass/fail results for Left and Right ear
Clipping/Impulse Noise Protection	In-ear speaker limited to 85 dB(A)
NRR	Comply™ tip (earplug) average NRR above 29dB(A)*
Personal Attenuation Rating	PAR is automatically measured during each Fit Test
COMMUNICATION	
Low Noise Environment	Natural face-to-face communication using Acoustic Transparency mode Push-to-talk radio for remote communication
High-Noise Environment	Push-to-talk radio through state-of-the-art de-noising algorithm and in-ear voice pickup
Speakers	1 x speaker / earpiece
Microphones	2 x microphones / earpiece Binaural configuration
Situational Awareness	Best-in-class, 360°
Push-to-Talk Channels	Four 2-way team-assignable channels
Communication Type & Band	ISM, license-free, region 2 (America) ISM, license-free, region 1 (Europe) - Fall 2018
Communication Frequency	Short-range radio 902 to 928 MHz
Range Distance	65 feet (20 m) unobstructed, 32 feet (10 m) obstructed**
Directional Communication	360°
ERGONOMIC COMFORT	
Amulet Dimension	2" x 2 3/4" x 2" (5 cm x 7 cm x 5 cm)
Amulet Weight	3.9 ounces (<112 g)
Ingress Protection	IP54 rugged enclosure - certification pending Rugged tangle-free cables, clip & bolo
Earpiece Design	Low profile in-ear earpiece
Earpiece Weight	< 5 g
Ear Hooks	Adjustable, removable, reusable, replaceable Compatible with other PPE
Earplugs	High-density long wear, replaceable foam Comply™ tips
Operation & Storage	-4°F to 140°F (-20°C to +60°C)***
INTERFACE	
Controls	Volume up/down, push-to-talk, in-noise adaptation, team selection, workplace settings
Earpiece Cable	31 inches (79 cm)
User Feedback	Audio & visual
Team Assignations	4 team colors
Power Supply	In-field interchangeable, rechargeable battery Remaining battery level LED indicator Standard micro-USB charging port on battery pack
Battery Life	20 hours 50% talk-time ** 30 hours non-communication
Over-the-Air Upgrades	Requires Teamlink hub
Connectivity	On-board Bluetooth 4.1™

Specifications are subject to change without notice.*Actual NRR depends on communication device design and requires certified testing.
Results may vary. *Battery life is negatively affected at lower temperatures.

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