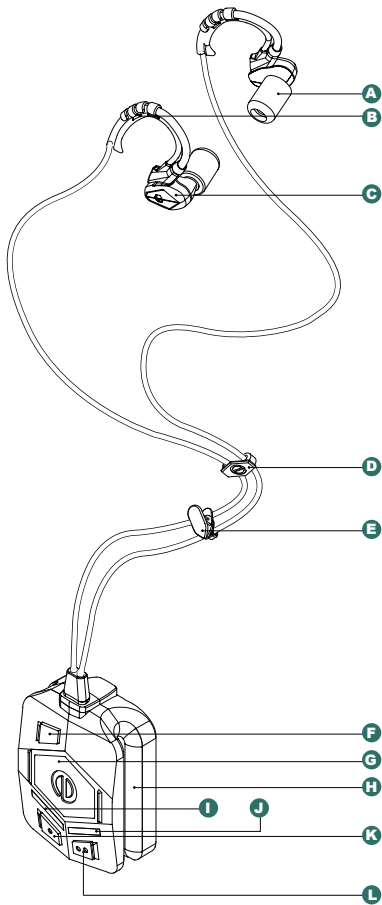


# THE CONNECTED PROTECTED WORKER

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