

OTTO[®]

HEAR THE DIFFERENCE



Product Catalog

Uniquely
poised to
meet the
needs of
a range of
industries.

Public Safety

Law Enforcement
Tactical (SWAT)

Industrial

Manufacturing • Utilities
Construction • Transportation
Mining • Warehouse and Distribution






Fire

Rescue
Hazmat

Commercial

Retail • Hospitality • Restaurant
Hospital • Business Users • Casinos
Security • Facilities Management

Table of Contents

- 04  Speaker Microphones
- 14  Headsets
- 34  Push-to-Talk Options
- 36  Wireless Intercom Systems
- 42  Surveillance Kits

You can depend on OTTO
performance and reliability.

A Legacy of Excellence

Every day our communication accessories are put to the test by people in the field, many of whom are putting their lives on the line. From high-performance, noise-canceling speaker microphones to hearing protection headsets with full situational awareness; from wireless team intercom systems to discreet wireless surveillance kits, OTTO builds excellence into every product we design, engineer and manufacture.

Unwavering Attention to Detail

OTTO's in-house engineering team designs for performance and reliability. Whether it's the comfort of a headset, the size, design and placement of a push-to-talk button, the tensile strength of a cable connection, or the position of a speaker mic clip, every detail of every one of our products is analyzed and well-thought-out to provide the best performance over the long haul.

Rigorous In-House Testing

OTTO takes product quality to the next level with our own onsite acoustic performance and product reliability testing labs, in which every product is thoroughly examined under realistic use conditions. Our extensive testing process ensures our customers can trust that our products will provide superior, dependable service in the field. Furthermore, OTTO has maintained ISO 9001 certification for 22 years, and many of our products are RoHS and REACH Compliant and IS/ATEX Certified.

Reliable Beyond Compare

Proudly designed, engineered and manufactured in the U.S.A., OTTO's two-way communication accessories are built to exacting specifications to ensure flawless performance in a wide range of conditions. Put your trust in OTTO.


















Speaker Microphones

Superior performance day-in and day-out. OTTO's Speaker Microphones are engineered to meet the communications demands of law enforcement officers, firefighters, industrial, manufacturing and mining users for critical, high-stress applications.

From our original, field-tested Evolution model to our rugged, state-of-the-art, fire-resistant OTTO 500 and our new, Bluetooth-enabled Revo NC2, OTTO Speaker Mics offer made in the U.S.A. technology and usability. Trust OTTO to provide the performance and durability you need for today's two-way radio communications.

-  Bluetooth
-  Compact Size
-  Easily Accessible PTT
-  Expands to Outside Networks
-  Extreme Clarity
-  Fire Resistant
-  IP68 Water Resistant
-  IS/ATEX
-  Lightweight Design
-  Noise-Canceling
-  Push-to-Talk over Cellular
-  Rechargeable Battery
-  Outstanding Durability

Revo NC2



The Revo NC2 features a revolutionary patented noise-canceling (NC) microphone for optimum voice clarity even in high-noise situations. The compact, tapered design is built for rugged conditions including public safety applications and harsh industrial environments.

- Top-mounted microphone cancels out the surrounding noise to ensure transmissions can be clearly heard.
- Built-in debris screen protects internal components to keep dust and dirt from impacting transmission clarity.
- Optional emergency button available for selected radio models.

Spring clip rotates 360° to allow precise positioning for best microphone pickup.

Large, textured push-to-talk button (PTT) is easy to find by touch, even when wearing gloves.

Intuitive, side-mount high/low slider switch adjusts volume easily.

Sealed earphone jack enables discreet listening with an earphone kit.



Revo NC2 for PoC



The new Revo NC2 for Push-to-Talk over Cellular (PoC) brings the convenience and flexibility of a speaker mic to team members depending on LTE devices to expand a vital communications network. Ideal for disaster recovery and emergency response operations to give users the ability to engage in team communications without having to dig a phone out of a pocket or unlock a screen.

- Efficient, high-gain, low-distortion amplifier makes it easy to hear transmissions without draining the phone or tablet battery.
- Integrated rechargeable battery provides 15 hours of service. Charges easily via USB.
- Transmissions can still be heard (at reduced volume) if the speaker mic battery is fully depleted.
- Compatible with most smartphones and tablets (may require an adapter).

High-performance noise-canceling microphone delivers industry-leading voice clarity over mobile networks.

Built-in debris screen keeps dust and dirt from impacting transmission clarity.

Hi/Lo volume and On/Off slider switches are unobtrusive and intuitive.

Audio jack accepts an optional earpiece for private listening.



Bluetooth Revo NC2



The new Bluetooth Revo NC2 speaker mic takes convenience and flexibility to a whole new level to serve public safety and commercial personnel using selected two-way radios or push-to-talk applications such as ESChat or Zello on LTE devices.

The Bluetooth Revo NC2 allows users to engage in team communications without the hassle or safety risk of a connection cable.

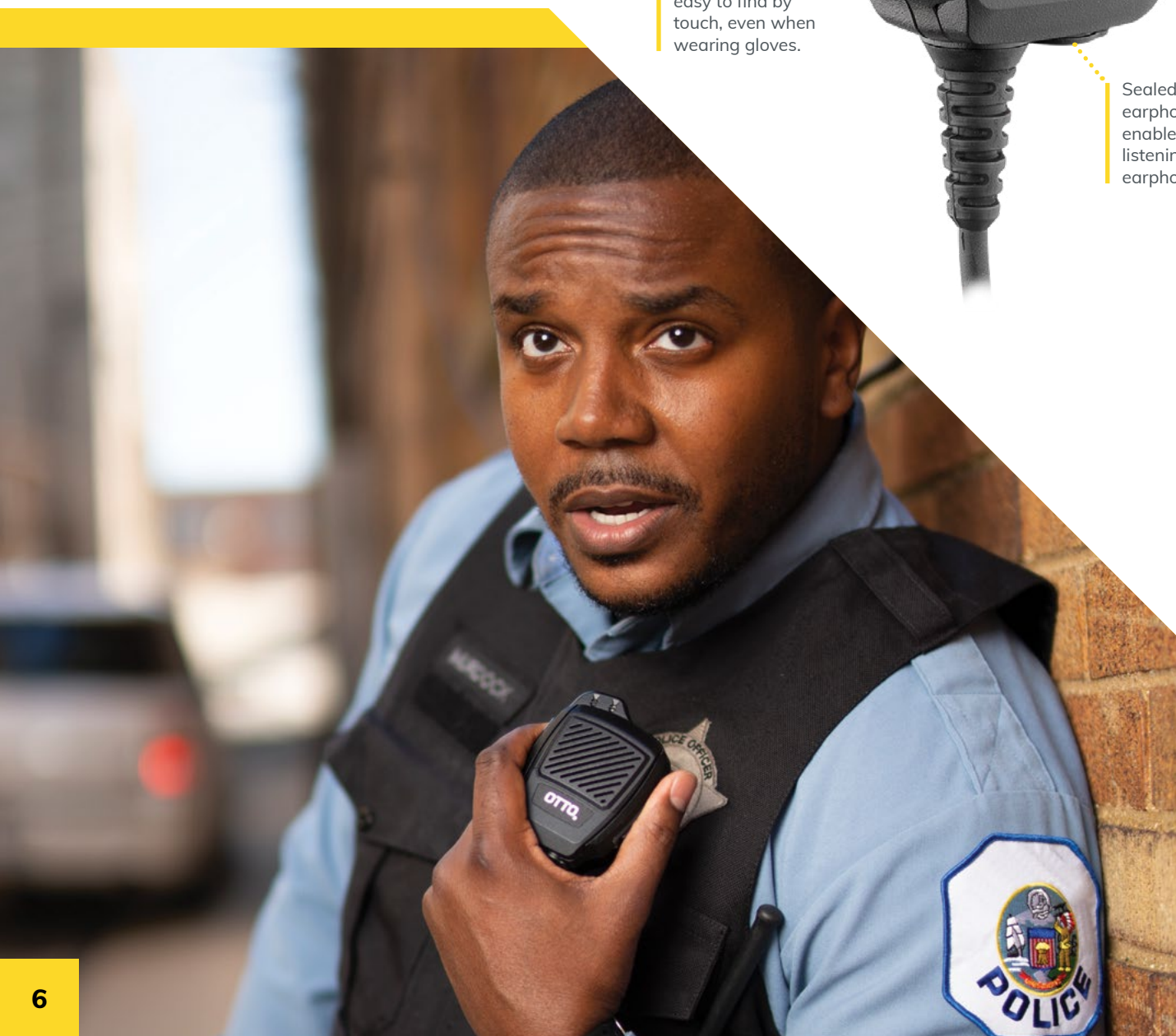
- Efficient, high-gain, low-distortion amplifier delivers clear audio transmissions.
- Integrated rechargeable and replaceable battery provides 12 hours of service and charges easily via micro USB.
- Compatible with selected two-way radios and most Android and iOS mobile devices.

Emergency button is available for selected radio models and push-to-talk apps.

PTT can operate in latching mode when used with a smartphone or tablet to enable full-duplex communication.

Push-button volume controls raise and lower the volume through multiple levels.

Audio jack accepts an optional earpiece to listen privately to incoming transmissions.



Storm



The Storm speaker mic is a high-performance model designed for outstanding reliability when transmission clarity is imperative in professional environments. The durable, contoured design, push-button volume control and large, textured PTT button make the Storm the leading choice for demanding situations.

- Durable fully-sealed housing has a built-in debris screen to keep dust and dirt from impacting communications clarity.
- IS/ATEX-certified model available.
- Optional emergency button available for selected radio models.
- Optional antenna connector available for selected radio models.

Available with optional antenna and optional emergency button.

Easy-to-use textured PTT button.

Included earphone jack has a plug for wet applications.

Adjustable high/low volume control.

Large, textured PTT is easy to find and operate when wearing gloves.

Side-mount, pushbutton high/low control adjusts volume easily.

Earphone jack is isolated from the main housing and includes plug for use in wet conditions.

Evolution



OTTO's original, field-tested Evolution speaker mic has been the trusted standard for public safety and military service personnel worldwide for nearly 30 years. It features a durable sealed housing with built-in debris screen and a robust internal speaker that delivers a bigger, more natural sound.

- High-performance omni-directional microphone ensures clear, reliable transmissions.
- IS/ATEX-certified model available.

Revo NC1



The innovative, patented design of the Revo NC1 provides the superior noise-canceling (NC) performance and optimum voice reception you'd expect to find in a much more expensive speaker microphone. The discreet, palm-size mic is a great choice for commercial and light industrial operations where clear communications and durability are important.

Spring clip rotates 360° to allow precise positioning for best microphone pickup.

Large textured push-to-talk (PTT) is easy to locate by touch.

Top-mounted, dual microphone cancels out the surrounding noise to ensure voice communications can be heard clearly.

Durable outer casing protects internal components against dust and blowing rain.

Sealed earphone jack allows discreet communication with an external earphone.

Durable outer casing protects against blowing rain to ensure transmission clarity.

Large, rocker-button PTT is easy to locate and operate by touch.

Classic design with high-performance, omni-directional microphone.

Sealed earphone jack for discreet communications with an external earphone.

Low Profile



The Low Profile speaker microphone provides dependable clarity and reliability in a slim, durable design. The classic design with high-performance, omni-directional microphone is built in the U.S.A. with top-quality components to meet MIL-STD-810 standards. Our Low Profile mic provides features not found in comparably priced units.



OTTO 500

Fire-rated Speaker Microphone



The OTTO 500 speaker microphone is the right choice for extreme fire-fighting environments. It's designed to withstand high-pressure water flow and function flawlessly even when exposed to temperatures as high as 500°F (260°C) for a full 5 minutes. The OTTO 500 gives fire professionals the critical minutes of communication that can mean the difference between life and death.

- Extremely durable case and fiberglass insulation protect the sensitive internal components from high temperatures to provide reliable, consistent performance.
- Internal microphone is optimized to reduce ambient noise even in an active fire, ensuring communications are understood.



Optional emergency button sends an immediate alert for help.

Dual front grill keeps dust, dirt and debris from affecting the quality of communications; removes easily for cleaning.

Large snap-action push-to-talk (PTT) button is easy to use with heavy gloves and protective gear.

Heat-resistant, self-extinguishing FIRE-TUFF® cable resists strain and coil sag to retain electrical continuity in extreme conditions.

Throat Microphone



OTTO's Throat Microphone with pictured eartip keeps you in control and connected in high-noise, high-stress environments. The advanced microphone technology transmits even whispered commands. Fits comfortably and transmits clearly even when the mouth is covered. Ideal for use with respirators, gas masks, hazmat suits and other protective gear.

Neck strap is designed to breakaway in emergencies for safety.



Includes in-line 80mm chest PTT for hands-free activation, and remote ring PTT (not shown) for covert use.

Quick disconnect acoustic tube allows for easy replacement when needed.

Speaker Microphone Specifications

Product	PTT Switch Life Min	Mic Sensitivity	Cable Pull Strength	Earphone Jack	Immersion	Operating Temperature	Storage Temperature	MIL-STD-810G Compliant	Warranty
Revo NC2	200,000 cycles	Noise-Canceling -35 dBV Typical	40 lbs., both ends	Standard 3.5mm. 2.5mm for some models	Meets IP68*, 1 meter, 31 mins.	-30° C to +60° C	-40° C to +70° C	✓	3 years
Revo NC2 for PoC	200,000 cycles	Noise-Canceling -35 dBV Typical	30 lbs., both ends	Standard 3.5mm	Meets IP54**	-30° C to +60° C	-40° C to +70° C	✓	1 Year
Revo NC2 with Bluetooth	200,000 cycles	Noise-Canceling -35 dBV Typical	—	Standard 3.5mm	TBD	-30° C to +60° C	-40° C to +70° C	✓	1 Year on battery; 2 Years on mic
Storm	500,000 cycles	Omnidirectional -40 dBV Typical	40 lbs., both ends	Standard 2.5mm. 3.5mm for some models	Meets IP68*, 1 meter, 31 mins.	-30° C to +60° C	-57° C to +60° C	✓	3 Years
Evolution	500,000 cycles	Omnidirectional -40 dBV Typical	40 lbs., both ends	Standard 2.5mm	—	-30° C to +60° C	-57° C to +80° C	✓	3 Years
Revo NC1	200,000 cycles	Noise-Canceling -35 dBV Typical	40 lbs., both ends	Standard 3.5mm	—	-30° C to +60° C	-31° C to +70° C	✓	2 Years
Low Profile	500,000 cycles	Omnidirectional -40 dBV Typical	40 lbs., both ends	Standard 2.5mm	—	-30° C to +60° C	-57° C to +80° C	✓	2 Years
OTTO 500	200,000 cycles	Omnidirectional -40 dBV Typical	40 lbs., both ends	—	Meets IP68*, 1 meter, 31 mins.	-30° C to +60° C	-51° C to +85° C	✓	15 Months
Throat Microphone	200,000 cycles	Omnidirectional -40 dBV Typical	40 lbs., both ends	Acoustic tube with eartip included	—	-30° C to +60° C	-30° C to +60° C	Meets	3 Years

*Immersion tested and fully sealed per IP68 standards; for accessory only. Rating may or may not be for the connector.

**Tested to IP54 standards; protects against dust and dripping rain. For accessory only. Rating may or may not be for the connector.

Speaker Microphone Earphone Kits

Lightweight, comfortable and discreet, OTTO earphone kits plug into the earphone jack on a speaker mic to listen privately to incoming communications. Ideal for use in loud environments and high-risk situations to be able to hear communications clearly. Available with a 2.5mm or 3.5mm straight or right-angle connector to fit most speaker mics.

Earphone Kits with SureFire® Earpieces

SureFire® Earpieces feature patented noise-reducing filters to provide excellent situational awareness with outstanding hearing protection for clear communications. When the noise-reducing filter in each earpiece is open, normal speech and other sounds at safe levels can pass through and be clearly heard.

- SureFire Earlock® retention rings ensure the earpieces stay comfortably in place.
- Manual switch can be closed to shut down situational awareness and provide 21 dB NRR.
- The SureFire® earpieces automatically block loud impulse noise to provide maximum hearing protection of up to 40 dB NRR whether switch is open or closed.
- Requires no batteries.
- Available in Single and Dual Earphone styles.

Standard Single Earphone Kit with Silicone Eartip

Modular single-ear earphone kit features a discreet, flexible, transparent acoustic tube between the earphone to the eartip to transmit sound clearly and accurately.

- Includes lightweight earphone, professional-grade silicone eartip, and an adapter with clothing clip to hold the cabling securely in place.
- May be worn in right or left ear.
- Assembles and disassembles easily to replace parts when needed.



Dual Earphone Kit with Foam Earpieces

Allows private listening in both ears. Noise-attenuating foam earpieces fit securely in the ears to clearly hear incoming transmissions while providing a certified NRR of 25 dB when earplugs are in both ears. Modular design makes it easy to assemble and disassemble to replace parts when needed.

- Includes lightweight earphone, soft, noise-attenuating foam earplugs, discreet, flexible, transparent acoustic tubes and an adapter with clothing clip to hold the cabling securely in place.



Ear Hanger Single Earphone Kit



















Soft, lightweight rubber ear loop holds the remote speaker up against the ear to listen privately to radio communications. May be worn in right or left ear.



Headsets

OTTO Headsets provide industry-leading sound quality, advanced hearing protection and the tactical performance features needed for superior two-way radio communications.

Our selection includes over-the-ear, on-the-ear, in-the-ear and electronic earplug styles, all with advanced hearing protection and industry-leading comfort. Each headset style is compatible with a variety of two-way radios.

-  360° Situational Awareness
-  72-hour Battery Life
-  Rechargeable Battery
-  All-Weather Usability
-  Amplification of Soft Sounds
-  Best Performance in High Noise
-  Blast & Impulse Noise Protection
-  Comfortable Ear Seals
-  Comfortable Fit
-  Flexible Boom Microphone
-  IP67 Water Resistant
-  IP68 Water Resistant
-  Lightweight Design
-  Low Profile to Fit Under Helmet, Hard Hat or Cap
-  Noise-Canceling Microphone
-  Outstanding Durability
-  Quick-Change Cable Connector
-  Secure Fit in Active Environments



NoizeBarrier®

The Next Generation in Situational Awareness

Hear the Difference

Outstanding hearing protection. Advanced situational awareness. NoizeBarrier® headsets and earplugs represent the next generation in reliable tactical gear. Proprietary NoizeBarrier® situational awareness technology provides an unparalleled, reliable 3D soundscape experience for maximum safety, tactical awareness and operational effectiveness.

When you need the best performance in high-stress, high-noise situations, NoizeBarrier® hearing protection is the way to go.



NoizeBarrier® TAC Headset



The NoizeBarrier® TAC Headset is the choice of SWAT teams and first responders in need of full communication capabilities with maximum hearing protection. Engineered with sophisticated technology, the TAC provides crystal clear communications, superior situational awareness and industry-leading hearing protection for critical high-noise and high-stress situations.

- Dual-coil speakers use proprietary NoizeBarrier® technology to automatically adapt loud or impulse sounds to a safe level. Normal-level sounds, nearby conversation and radio communications are easily heard without clipping or shut-down of the situational awareness functionality.
- Offers outstanding hearing protection with a Noise Reduction Rating (NRR) of 23 dB (SNR: 28 dB).



Optional rail-mount kit allows the user to easily convert the headset from over-the-head style to top or rear rail mount in the field without tools. Compatible with major helmet systems including Ops-Core® and Team Wendy®.





Earcup is designed to fit well with safety glasses.

Comfortable, ultra-soft Comply™ foam ear cushions form a tight seal to significantly block unsafe noise.

360-degree situational awareness microphones provide a 3D soundscape.

Push-buttons control volume of situational awareness up to five different levels.

NoizeBarrier® Range SA Headset



The NoizeBarrier® Range SA is the premier headset for firearm professionals and enthusiasts who need advanced hearing protection and situational awareness with the option of receive-audio capability. Built with the same proprietary technology as the NoizeBarrier® TAC, this headset is the right choice for an outdoor/indoor firing range, tactical shoot house, or other applications where hearing protection with superior 360-degree situational awareness is essential.

- Sophisticated technology automatically adapts harmful loud or impulse sounds to a safe level, while situational awareness microphones amplify normal-level sounds and nearby conversation.
- Offers outstanding hearing protection with an NRR of 23 dB (SNR: 29 dB).
- May also be configured to connect to a speaker mic or surveillance kit to receive clear, discreet communications and hearing protection in active tactical situations.



Includes an assortment of earpieces for a perfect fit, USB charging cable, filter replacement tool and extra filters, cleaning tool and lanyard.

Rechargeable case provides up to 20 earplug charge cycles.

Situational awareness microphones built into each earplug provide accurate sound localization to detect the direction of potential threats with near certainty.

LCD screen displays the charging status of the earplugs and case.

NoizeBarrier® Micro Earplugs



High-definition, rechargeable, electronic earplugs provide unsurpassed hearing protection and situational awareness. They are ideal for military, law enforcement, hunting and sport shooting applications where radio communications are not needed. Proprietary dual-mode sound processing technology actively responds to the noise level in the surrounding environment by enhancing nearby safe sounds and suppressing unsafe continuous noise and impulse blasts.

- Included foam earplugs provide a passive NRR of 28 dB (SNR: 35); 3-flange earplugs have 23 dB NRR (SNR: 31).
- Enhanced mode amplifies soft, safe sounds by 5X for extreme sound localization.
- Standard mode allows natural hearing of all safe sounds.
- Both modes provide maximum hearing protection of up to 40 dB NRR for loud impulse noises.

NoizeBarrier® Hearing Protection Specifications

Model	NRR	SNR	Battery Life	Immersion	MIL-STD-810G Compliant	Warranty
NoizeBarrier® TAC	23 dB	28 dB: H=30 dB; M=25 dB; L=19 dB	72 hours	Meets IP68*, 1 meter, 31 mins.	✓	1 Year
NoizeBarrier® Range SA	23 dB	29 dB: H=31 dB; M=26 dB; L=20 dB	72 hours	Meets IP68*, 1 meter, 31 mins.	✓	1 Year
NoizeBarrier® Micro	28 dB with foam tips; 23 dB with 3-flange tips;	35 dB: H=35 dB; M=33 dB; L=30 dB with foam earplugs. 31 dB: H=31 dB; M=28 dB; L=26 dB with 3-flange earplugs	Earplugs: 16 hours; Charging Case: 20 charging cycles	Meets IP67**; 1 meter, 30 mins.	✓	1 Year

*Immersion tested and fully sealed per IP68 standards; for accessory only. Rating may or may not be for the connector.

**Immersion tested and fully sealed per IP67 standards; for accessory only. Rating may or may not be for the connector.

Over-the-Ear Headsets

Get superior sound quality with excellent hearing protection and all-day comfort. Our over-the-ear headsets fit snugly to minimize surrounding noise and allow you to clearly hear essential communications in loud environments. Ideal for industrial, construction, mining and machine maintenance personnel.



ClearTrak™ Headset



The ClearTrak™ Headset provides superior hearing protection with robust communications capabilities for occupations involving loud machinery where essential instructions and safety warnings must be clearly heard. It offers an NRR of 24 dB and features an ultra-high-efficiency articulated, noise-canceling boom microphone to deliver clear two-way radio communications. Available in behind-the-head and over-the-head styles.

Behind-the-head suspension system fits snugly to hold earcups firmly in place under a helmet or hard hat.

Soft, foam ear seals are replaceable when needed. Cloth covers are included to absorb sweat when worn all day in warm environments.

Convenient integrated PTT switch is located on the earcup for easy access, even when wearing gloves.



Padded, over-the-head suspension system provides consistent pressure to hold earcups firmly in place for excellent hearing protection.

Flexible, heavy-duty coiled comm connection cord is designed to stay out of the way while providing free range of movement.



Profile Headset



Designed for excellent hearing protection with all-day comfort, the Profile Headset features an integrated modular pigtail cable to quickly connect to a range of PTT options. Offers an NRR of 21 dB. The Profile is a versatile headset for construction, industrial, mining and other loud environments.

Super soft, snap-in, replaceable gel foam ear seals are designed for all-day comfort and are easily replaced when needed.

Slim, lightweight sculpted ear cups fit comfortably under a helmet or hard hat.

Sleek, flexible noise-canceling boom microphone with replaceable windscreen can be positioned precisely to communicate clearly.

Quick disconnect modular cable makes it simple to switch from one radio platform to another.

Requires a separate purchase of a PTT cable to connect to radio.

Behind-the-head suspension system with comfortable, adjustable, over-the-head mesh strap holds earcups firmly in place.

Classic™ Headset



With an NRR of 24 dB the Classic™ Headset is the go-to standard for environments with loud machinery or other consistent noise. In-line push-to-talk on the straight connection cord allows greater range of movement. Available in over-the-head and behind-the-head styles.

Padded, over-the-head suspension system provides consistent pressure to hold earcups firmly in place for excellent hearing protection.



Behind-the-head suspension system fits snugly to hold earcups firmly in place under a helmet or hard hat.

Soft, foam ear seals are replaceable when needed. Cloth covers are included to absorb sweat when worn all day in warm environments.

Noise-canceling boom mic.



Washable Velcro® head strap and elastic headband ensure a secure fit.

Flexible electret noise-canceling boom microphone can be precisely positioned for ideal communications clarity.

Larger size ear cup delivers superb audio communications and blocks out unwanted noise.

Tactical II Headset



The Tactical II has a larger, soft rubber, over-the-ear single speaker for superior acoustic performance. The combination speaker and flexible electret boom microphone fit securely into the mesh and elastic headband.



Washable over-the-head strap and elastic headband provide a secure, comfortable fit.

Larger size ear cup delivers superb audio and blocks out unwanted noise.

Drain hole in the ear cup removes water to equalize pressure when used by a swimmer or diver.

Boom mic has removable and replaceable windscreen to ensure communications clarity.



Washable mesh over-the-head strap and black elastic headband ensure a secure, comfortable fit.

Earcup sits securely in a pouch over the ear for reliable audio and superior communications clarity.

Tactical III Headset



The Tactical III Headset speaker and flexible electret noise-canceling boom microphone combine into one lightweight unit that slips into a pocket in the headband.

20-Meter Diver Headset



The 20 Meter Diver Headset is the industry's first product to function flawlessly even after multiple dives to as deep as 20 meters of salt water. It's the right choice for water rescues, maritime security operations, underwater repairs and more.

- Withstands full immersion in as much as 20 meters of salt water.
- Specially designed larger, over-the-ear rubber speaker and water-resistant microphone have been tested under extreme conditions to ensure the headset will continue to provide clear communications.
- Speaker fits through the washable mesh and elastic headband for secure fit and comfort.
- Designed to fit under a helmet or cap.

Hard-wired PTT functions at depth but will not self-actuate. It's compatible with multiple radio platforms and ideal for all water-resistant communications needs.



Over-the-Ear Headset Specifications

Model	PTT	NRR	Mic Sensitivity @94 db SPL	Cable Pull Strength from Earcup Axial	Immersion	MIL-STD-810G Compliant	Warranty
ClearTrak™	Left Earcup	24 dB	-48.5 dBV Typical	40 lbs.	—	✓	3 Years
Classic™	In-line	24 dB	-37.5 dBV Typical	40 lbs.	—	✓	3 Years
Profile	In-line Cable purchased separately	21 dB	-33.5 dBV Typical	40 lbs.	Meets IP67**, 1 meter, 30 mins.	✓	3 Years
20-Meter Diver	Ruggedized single-button	—	-35 dBV Typical	20 lbs.	Meets IP68*; 20 meters of salt water for 5 minutes	✓	1 Year
Tactical II	80mm Body	—	-41 dBV Typical	10 lbs.	Meets IP68*; 1 meter for 2 hours	✓	3 Years
Tactical III	80mm Body	—	-41 dBV Typical	10 lbs.	Meets IP68*; 1 meter for 2 hours	✓	3 Years

*Immersion tested and fully sealed per IP68 standards; for accessory only. Rating may or may not be for the connector.
**Immersion tested and fully sealed per IP67 standards; for accessory only. Rating may or may not be for the connector.

On-the-Ear Headsets

Lightweight, ergonomically designed on-the-ear headsets provide outstanding communications clarity. The sleek headbands fit easily under a helmet, hard hat or cap for secure, all-day comfort.



Tactical IV Headset



The Tactical IV is an extremely low-profile, lightweight headset with an all-in-one speaker and microphone unit that slides onto the mesh headband and sits comfortably on the ear.



Flexible boom microphone adjusts easily from a left to right configuration to fit user preference.

Washable black mesh head strap ensures a secure, comfortable fit.

Ranger Headset



Ergonomically designed for comfort, the Ranger Headset is a slim, extremely rugged, single-ear professional headset favored by SWAT, command operations, special response teams, bike/motorcycle patrols, canine officers, maritime operations and more. The Ranger provides outstanding performance under harsh conditions such as blowing rain, water rescues and other treacherous situations.

- Includes a standard inline PTT. A variety of PTT styles are available to fit specific radios and applications.



Lightweight, durable, non-slip frame wraps around the ears for comfort and stability.

Integrated loops allow a headstrap to be added to hold the headset firmly in place.

Single speaker sits on top of the left ear, swivels easily to provide a custom fit for each user.

Flexible, noise-canceling left boom microphone with replaceable windscreen can be precisely positioned for communications clarity.

Designed for all-day wear with a secure, behind-the-head headband.



Breeze Headset



The Breeze Headset is the choice for staff communications. The ultra-lightweight steel, behind-the-head frame is designed for all-day comfort and durability in active environments. With a single left-side earphone, the Breeze provides high-clarity, discreet, two-way radio communications.

- Includes standard inline PTT. Other PTT styles are available to fit specific radios.



Lightweight Premium Headset



Lightweight Premium Padded Headset sets the standard for performance, reliability and durability for event managers, broadcast personnel, and users in moderately noisy environments where a noise-canceling mic is needed to ensure clear communications. Comfortable enough for all-day use, this headset features a high-clarity speaker and is perfect for when discreet two-way radio communication is needed.

- Available in single or dual ear cup styles.
- Mini PTT is included. Other PTT styles are available to fit specific radios.

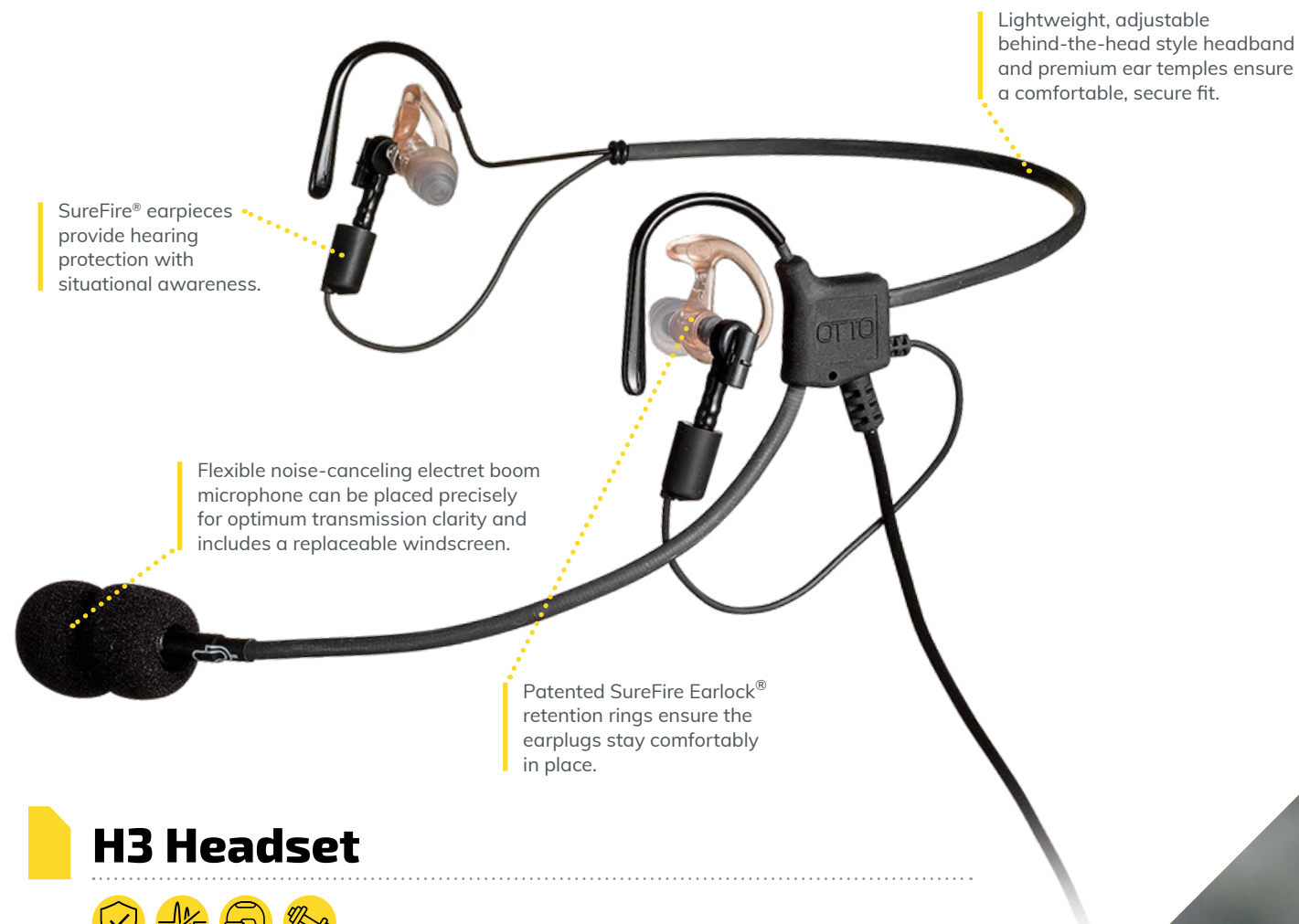
On-the-Ear Headset Specifications

Model	PTT	Mic Sensitivity @94 db SPL	Cable Pull Strength from Earcup Axial	Immersion	MIL-STD-810G Compliant	Warranty
Tactical IV	80mm Body	-41 dBV Typical	20 lbs.	Meets IP68*; 1 meter for 2 hours	✓	3 Years
Ranger	In-line Standard	-38.6 dBV Typical	66 lbs.	—	✓	3 Years
Breeze	In-line Standard	-38.3 dBV Typical	30 lbs.	—	✓	2 Years
Lightweight Premium Dual	In-line Mini	-34 dBV Typical	15 lbs.	—	✓	3 Years
Lightweight Premium Dual	In-line Mini	-34 dBV Typical	15 lbs.	—	✓	3 Years

*Immersion tested and fully sealed per IP68 standards; for accessory only. Rating may or may not be for the connector.

In-the-Ear Headsets

OTTO's super-lightweight, in-the-ear headsets deliver the best hearing protection for extremely loud environments where clear communications are essential. In-ear design easily adapts to provide either maximum hearing protection or complete situational awareness.



H3 Headset



The lightweight, low-profile H3 Headset is designed for high performance in tactical situations experienced by SWAT, public safety and security personnel. SureFire® patented noise-reducing earpieces feature specially designed filters to provide excellent situational awareness with outstanding hearing protection. The proprietary filter design dampens loud noises to safe levels while allowing normal speech and other non-harmful sounds to pass through and be clearly heard.

- When necessary, the sliding switch on the SureFire® filter can be closed to shut down the situational awareness functionality to achieve an NRR rating of 21 dB.
- The SureFire® earpieces automatically block loud impulse noise to provide maximum hearing protection of up to 40 dB NRR whether switch is open or closed.

Hurricane II Headset



The Hurricane II Headset offers OTTO's highest NRR of 29 dB to provide outstanding hearing protection with excellent communications performance. It has been designed to fit well under most helmets and hard hats, and is comfortable to wear even in hot environments.

- Includes specialized NoisEzSM eartips for maximum hearing protection, along with standard silicone eartips and flexible open ear inserts for use in less noisy areas.
- Standard inline PTT is included. Additional PTT styles are available for specific radios and applications.



In-the-Ear Headset Specifications

Model	NRR	PTT	Mic Sensitivity @94 db SPL	Cable pull strength from earcup axial	Immersion	MIL-STD-810G Compliant	Warranty
H3	21 dB	In-line Standard	-33 dBV Typical	30 lbs.	—	✓	3 Years
Hurricane II	29 dB with Comply™ eartips	In-line Standard	-33 dBV Typical	30 lbs.	—	✓	3 Years

Push-to-Talk Options

There's an OTTO push-to-talk (PTT) option for every need. Choose the right PTT to key your radio remotely. All PTT options meet MIL-STD-810.



Multi-Port Hub PTT

OTTO's Multi-Port Hub PTT is the ultimate hub for communications control. The Multi-Port Hub PTT provides modular control of up to three unique communications platforms, each with a separate Push-To-Talk (PTT) button.

It is compatible with major radio platforms using detachable cables for each radio. In addition, the Multi-Port Hub PTT offers modular compatibility with radio platforms, intercoms and both Android and iOS devices.

Designed for tactical environments, the Multi-Port Hub is ergonomically designed for easy field use and is left and right hand reversible for convenience. Unique to the Multi-Port Hub PTT is the ability to adjust the situational awareness (talk-through) volume of the NoizeBarrier® TAC tactical headset using control buttons on the Hub PTT.



A Sample of OTTO PTT Accessories

To learn about all our PTT options, visit our website or call us.



80mm PTT Wear on chest or under the arm to activate easily with just a touch. Designed per the IP68 standard to withstand extreme environments, and harsh conditions including water, wind, dust and severe temperatures.



Ring PTT Velcro® band secures the PTT around a finger for easy activation.



Flat PTT Features a 5-foot straight cable and Velcro® backing to attach easily under protective gear. 2.5mm right angle plug easily connects to a pigtail.



Torpedo PTT with 2.5mm Pigtail For use with lightweight headsets or for dual PTT control to attach a second remote PTT.



Barrel PTT Discreet design can be worn under clothing to key the radio with a touch of a finger.



U94 PTT NATO-wired, quick-disconnect interface. Available for a range of radio platforms.



Wireless Intercom Systems


Full-duplex, hands-free systems excel in noisy environments to keep teams connected and focused on the job.


Connect your support teams. Achieve greater safety. Improve teamwork with our Connect wireless intercom systems. Important instructions, safety alerts and team communications can be instantly transmitted to the entire team without having to push a button or wait for an open channel to talk. With no transmission delay or clipping when more than one person talks at once, partial instructions, miscommunication and misunderstandings are a thing of the past.


Connect systems are the best choice for logistics and maintenance teams, hazmat teams, emergency services and more. Choose from two models, both operate on the 900 MHz frequency for outstanding performance in environments where other intercoms fail.


Meet the most valuable member of your team!


Our Connect wireless intercom systems offer unmatched performance to ensure everyone on the team is connected and aware of important team communications.


 **Full-Duplex System** enhances safety and saves lives. Allows transmissions to be sent and received simultaneously without clipping or cutting out.

 **Allows 8 Simultaneous Speaking Users** and unlimited listeners to connect your entire team. Switch-to-talk technology allows additional team members the chance to talk when needed.


 **Digital Signal Processing Technology** blocks ambient noise and only sends voice transmissions, even in noisy environments.


 **Frequency Hopping, Spread-Spectrum Technology** in the 900 MHz band hops every 30 milliseconds to provide an unrivaled, secure network with minimal interference, jamming or eavesdropping.

 **Operates at 900 MHz Frequency** for outstanding clarity almost anywhere. Transmissions travel easily through walls, during harsh weather and across longer distances without interference. Maximum range of 4,000 feet in direct line of sight, with a typical range of 1,600 to 2,000 feet.

 **Reliable Performance** in all weather conditions, including rain, cold, heat, wind and dust.

 **No Base Station** is needed.

 **Extended Talk Time**, the batteries will easily last through an entire shift on one charge.

 **Individual Units Pair Easily** and work groups can be set up quickly without a computer.



OTTO Connect

The OTTO Connect system is the standard by which all wireless intercoms are measured. Operating in the 900 MHz frequency band, the OTTO Connect offers greater clarity and better transmission performance than other systems operating in more crowded airwaves.



Volume buttons can be easily operated with gloves.

The rechargeable lithium-polymer batteries provide 18 hours of talk time on a single charge.

Microphone on/off button can be left on for instant communications. Ambient noise is blocked, and only your voice will transmit.



Optional Fusion™ accessory links your OTTO Connect network to existing cellular or two-way radio networks. Communicate with teams anywhere from the next town to the next state to around the world.



Connect X

The Connect X wireless intercom system takes productivity, safety and teamwork to the next level. The new lighter and more compact Connect X system enhances the original OTTO Connect system with the addition of built-in Fusion technology and Bluetooth connectivity.



Built-in Fusion technology

lets you expand your Connect X network to include teams on two-way radios and mobile devices in additional locations anywhere from a nearby town to another state to around the world.



Wirelessly connects

to a Bluetooth-enabled device if desired. Connect to a wireless headset, mobile device or radio for greater ease of movement without a cumbersome cable.



Provides 12 hours of talk time

on a single charge of the rechargeable and replaceable lithium-ion batteries.



Wireless Intercom Systems Headsets

A range of OTTO high-performance headsets are compatible with our Wireless Intercom Systems. Choose the type that meets your needs.

Wireless Intercom Systems Specifications

Product	Max. Range	Battery Life	Battery Type	Dimensions w/o antenna	Antenna	Weight	Operating Temperature	Storage Temperature	Warranty
OTTO Connect	4,000 ft. line of sight	18 hours	Lithium Polymer	5.3 x 3.3 x 1.3-in. (13.46 x 8.38 x 3.30 cm)	3.5 in. (8.89 cm)	15.98 oz. (453 g)	20°C to +60°C	-40°C to +70°C	18 Months
Connect X	4,000 ft. line of sight	12 hours	Lithium Ion	4.92 x 2.58 x .99-in. (1.94 x 1.02 x .39 cm)	3.09-in. (1.22 cm)	8.4 oz. (238 g)	-20°C to +60°C	-40°C to +70°C	1 Year on battery; 2 Years on unit



NoiseBarrier® TAC Headset

pg 17



Classic™ Headset

pg 22



Profile Headset

pg 23



Ranger Headset

pg 27



Hurricane II Headset

pg 31



Two Wire Surveillance Kit

pg 43



Throat Microphone

pg 11



Surveillance Kits

The industry standard and benchmark against which all high-performance wire kits are measured.

OTTO Surveillance Kits are uniquely engineered for discreet communications when using a two-way radio. They feature durable, Kevlar-reinforced cables, high-performance speakers and a choice of comfortable earpieces. OTTO Surveillance Kits deliver clear communications, are durable and compatible with a range of radio models and connectors.

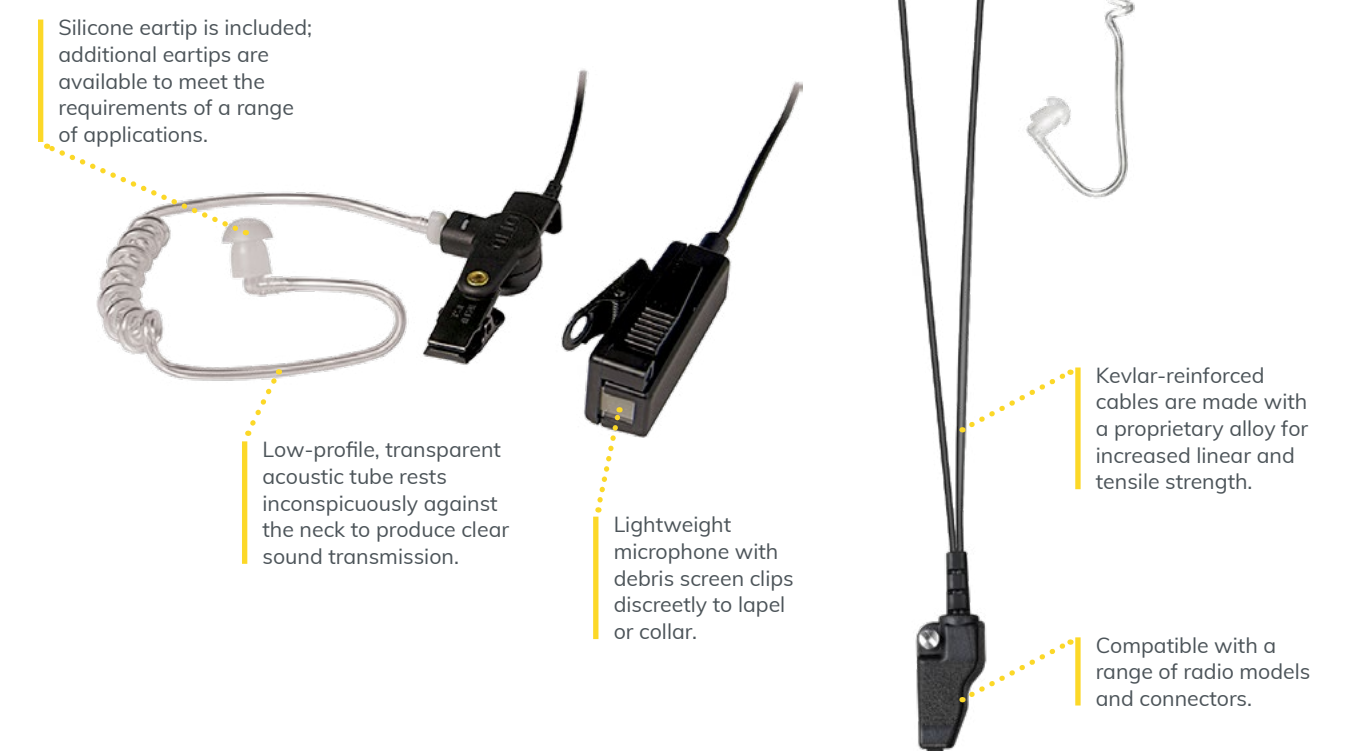
Three-Wire Surveillance Kit

With a Three-Wire Surveillance Kit, there's no need to raise the microphone or PTT to your mouth to send a transmission. The microphone is on one wire and can be clipped to the lapel near the mouth, while the PTT is on a separate wire to activate inconspicuously. The third wire connects the earphone to a clear acoustic tube and silicone eartip for discreet listening to incoming communications.



Two-Wire Surveillance Kit

Two-wire Surveillance Kits allow teams to communicate discreetly without having to pick up a radio or activate a speaker mic. One wire connects the earphone to a clear acoustic tube and silicone eartip to listen to incoming communications. The microphone and PTT on the other wire fasten easily to a pocket, lapel or cuff.



OTTO LOC

One or Two-Wire Surveillance Kits

OTTO LOC is a versatile system that is ideal for situations where multiple people use the same radio at different times throughout the day. OTTO LOC kits have a unique quick-change connector that allows each user to easily attach an individual earpiece, making OTTO LOC more efficient, hygienic and cost-effective than purchasing a separate direct-connect kit for each user. Five unique earpiece styles are available to fit the preference of each user.

- Kevlar-reinforced cabling ensures long-lasting durability.
- Replaceable components maximize versatility and long life of the system.
- Compatible with a range of radio models and connectors.

OTTO LOC Connector keeps the earpiece firmly connected to the wire kit to eliminate accidental disconnection.

Quick-Disconnect Acoustic Tube Eartip
Includes transparent acoustic tube, professional-grade silicone eartip and an adapter with clothing clip to hold the cabling securely in place.

Swivel Earpiece
Earbud swivels 180 degrees to fit comfortably in right or left ear.

Earbud
Padded earpiece fits snugly in ear for discreet listening.

Adjustable Rotating Ear Hanger
Allows more precise adjustment of the earpiece around the ear.

Ear Loop with Earbud
Cushioned earbud rotates on a spindle for optimal positioning within the ear.

Two-wire Kit
has the ergonomic push-to-talk microphone on a separate wire for more discreet activation.

One-wire Kit
has an ergonomically designed, in-line push-to-talk microphone for convenience.



One-Wire, Direct-Connect Surveillance Kits

These high-quality one-wire surveillance kits are an economical choice for environments using radios with simple two-pin connectors.

- In-line ergonomic PTT/microphone is designed to make outgoing transmissions easy.
- Durable Kevlar cabling is designed to withstand day-in and day-out use.



One-Wire Kit with Quick-Disconnect Acoustic Tube Eartip

Includes transparent acoustic tube, professional-grade silicone eartip and an adapter with clothing clip to hold the cabling securely in place.

One-Wire Kit with Earbud

Comfortable earbud fits snugly in ear for discreet listening.

One-Wire Kit with Fixed Ear Hanger

Fits snugly around the ear to keep earphone firmly in place.

One-Wire Kit with Ear Loop with Earbud

Cushioned earbud rotates on a spindle for optimal positioning within the ear.

One-Wire Kit with Swivel Earpiece

Earbud swivels 180 degrees to fit comfortably in right or left ear.

One-Wire Kit with Adjustable Rotating Ear Hanger

Allows more precise adjustment of the earpiece around the ear.

One-Wire Listen Only Earphone Kit

Keep team members connected to essential communications with our premier one-wire surveillance kit designed for listening only. Quick-connect feature makes it easy to replace or change the acoustic tube and eartip for different users. Includes transparent acoustic tube, professional-grade silicone eartip and an adapter with clothing clip to hold the cabling securely in place.



Surveillance Accessories

Flexible Open-Ear Insert

Designed to slide easily onto the acoustic tube elbow and fit snugly in the ear to hear ambient sound with radio transmissions. Made of hypo-allergenic plastic.



Noise-Attenuating Earplug Kits

Noise-attenuating yellow foam earplugs fit securely to clearly hear incoming transmissions while providing a certified NRR of 25 dB when earplugs are in both ears.



Single Ear Kit and Optional Ear Plug includes replacement acoustic tube with noise-attenuating earplug. Second earplug may be purchased separately.

Dual Ear Kit includes lightweight earphone on adapter with clothing clip, soft, noise-attenuating foam earplugs and flexible, transparent acoustic tubes.

Put Your Trust in OTTO Excellence

OTTO two-way communications accessories set the standard for clear communications, reliable performance and exceptional durability when it matters most. Built to exacting specifications to ensure flawless performance in a wide range of conditions, our products are the top choice of military forces, law enforcement agencies, public safety organizations, industrial, retail and commercial customers worldwide.

Proudly designed, engineered and manufactured in the U.S.A., OTTO accessories are put to the test every day by people who depend on crystal clear communications to do their jobs. Whether you need heavy-duty to lightweight headsets, rugged to low-profile speaker microphones, surveillance kits or intercom systems, you can trust OTTO for all your two-way communications accessories needs.

OTTO[®]

**Designed, Manufactured and Engineered
in the U.S.A. for Over 50 Years.**

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