

SUPERIOR QUALITY
TWO-WAY RADIO ACCESSORIES

SPEAKER MICROPHONES // SURVEILLANCE // HEADSETS // TACTICAL PRODUCTS

2016 PRODUCT CATALOG



OTTO[®]
Expect Excellence.

When it has to work, it has to be **OTTO**®



OTTO is a trusted industry leader who can deliver superior performance and durability in demanding environments. Public safety, industrial firms, government entities, military units, and emergency services have depended on us for innovative solutions that keep them connected. When communications demand outstanding quality, clarity and reliability, then it has to be OTTO.

OTTO products are designed, engineered, and precision-manufactured in the United States

of America. Our engineers use the latest computer-aided design (CAD), manufacturing, and testing equipment to produce products of exceptional quality. Every product is backed by a rock solid commitment to engineering excellence, superior customer service, and a dedication to forming long-lasting relationships.

OTTO delivers more than superior communications accessories—we deliver excellence.

OTTO®

Expect Excellence.

OTTO answers the call of duty with superior quality.

	page	POLICE	FIRE	EMS	RESCUE	MANUFACTURING	NATURAL RESOURCES (OIL & MINING)	WAREHOUSE & DISTRIBUTION	TRANSPORTATION	UTILITIES	HEALTHCARE	CASINO	RETAIL & RESTAURANT	HOSPITALITY	PRIVATE SECURITY	FACILITIES MANAGEMENT	PUBLIC FACILITIES	EDUCATION	COVERT AGENCIES	
Revo NC2 Speaker Microphone	8	■	■	■	■	■	■	■	■	■						■				■
Revo NC1 Speaker Microphone	8						■		■	■	■	■	■	■	■	■	■	■	■	■
Storm Speaker Microphone	9	■	■	■	■	■	■	■	■	■						■				■
Evolution Speaker Microphone	9	■		■	■	■	■	■	■	■						■	■	■	■	■
OTTO 500 Speaker Microphone	10		■																	
SureFire Enabled Products	11 18	■	■	■	■	■	■	■				■				■				■
Professional Surveillance Kit	12	■						■								■				■
Covert Wireless Earpiece	13	■										■				■				■
OTTO LOC™ Surveillance Kit	14						■		■	■	■	■	■	■	■	■	■	■	■	■
Commercial, Direct Connect	14						■		■	■	■	■	■	■	■	■	■	■	■	■
Profile Headset	16	■	■		■	■	■	■	■	■										
Classic Headset	17	■	■		■	■	■	■	■	■										
Hurricane Headset	18						■	■								■				■
Ranger Headset	19	■			■	■	■	■	■	■						■				■
Explorer Headset	19	■		■				■	■		■	■	■							
Lightweight Headset	19						■			■	■	■	■	■			■	■	■	
Breeze Headset	19						■		■	■	■	■	■	■	■	■	■	■	■	■
Throat / Skull Microphone	20	■			■	■	■	■								■				■
Tactical Headset	21	■			■					■										
IS / ATEX products			■		■	■	■	■		■										

Public Safety Industrial Commercial Government

Public safety communications rarely include a “do over.”



First responders usually get one chance to get it right. Police, fire and rescue personnel perform mission critical work and communication plays a key role. You know the drill: any comms failure can take you out of the action and jeopardize the mission and your peers.

OTTO is the first choice for people whose workday includes dealing with lives that are at risk. Our rugged durability and rock solid performance stand up to extreme conditions with absolute reliability.

When dealing with life safety issues, one size “does not fit all,” and for that reason we offer segment-specific products that include speaker microphones designed exclusively for fire departments, professional surveillance kits for police units or specialized tactical headsets for special ops such as SWAT units. ■



**POLICE
FIRE
EMS
RESCUE**

Industrial communicators are tough customers.



When your “office” happens to be in a factory, mine, oil rig or gas field—things can get hairy when communications fail. The same holds true for rail workers, trucking operators, ocean freighters and just about any company operating heavy machinery in high noise areas.

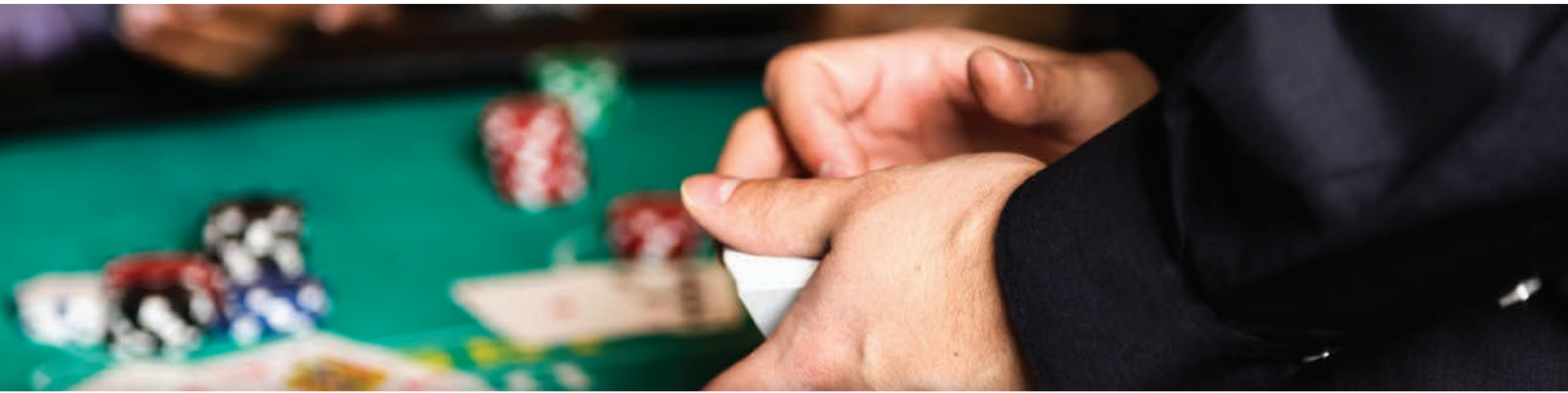
OTTO is right at home in rugged locations where temperature extremes, water immersion and rough handling are all part of the job. We build communications products for people who may be wearing heavy gloves, masks, respirators or protective suits and looking for high user mobility under difficult conditions.

Our durability is legendary, as we’ve sailed the seven seas and even orbited the earth. We will take on your toughest challenges and deliver solid solutions that include field-tested speaker microphones, heavy-duty headsets, tactical headsets, throat and skull microphones—and an unparalleled selection of Intrinsically Safe (IS/ATEX) products for potentially explosive environments. ■

MANUFACTURING
NATURAL RESOURCES (OIL & MINING)
TRANSPORTATION
WAREHOUSE & DISTRIBUTION
UTILITIES



Commercial communications rule #1: Keep it simple.



The need for reliable communications crosses many sectors, including retail operations, hospitality groups, healthcare systems, public events and sporting venues, as well as general facilities operations. You can't afford to take staff out of commission when something as basic as a cable or connector fails.

OTTO covers your bases on two fronts. We make wearability and convenience a priority to keep business moving. We also understand that shift employees are best served by products with modular components—such as earphones that are easy to swap out.

Our lightweight, slim profile products are a popular option for speaker microphones, and one wire surveillance kits are the predominant choice for low to medium tier radios with single and two-pin connectors. In this price-sensitive market, we are priced competitively and offer one of the best warranties in the business. ■

**HEALTHCARE, CASINO, HOSPITALITY
RETAIL & RESTAURANT
PRIVATE SECURITY
FACILITIES MANAGEMENT**



Reliable communications for Public Service applications.



Municipalities and government agencies tend to be tasked with more and more duties that require consistent, reliable communications. In the public service sector, this includes park district crews, public works, K-12 and campus facilities staff, security departments and federal agencies—including covert operations.

Public agencies rely upon OTTO to provide reliable communications products and outstanding support.

Our professional surveillance kits, speaker microphones and headsets are all popular choices. OTTO's warranty is an assurance of performance over the long run and reduces the cost of ownership. ■

**PUBLIC FACILITIES
EDUCATION
COVERT AGENCIES**



OTTO speaker microphones get your message across—and more.

Introducing Revo. A new speaker mic with a groundbreaking **noise canceling** design that delivers clear voice transmission in noisy environments. Upgrade to the new standard in speaker mics for applications ranging from public safety and manufacturing to hospitality and retail. Revo performance is outstanding across all radio platforms.

Revo NC2

- Built with OTTO quality for rugged applications, including public safety, manufacturing, mining, and construction
- **Revolutionary noise canceling (NC) performance and optimum voice clarity is delivered via an innovative patent-pending design**
- Ergonomic slim profile is comfortable to use and wear
- New clip design offers excellent retention and 45° rotating detents
- Immersion rated, fully sealed per IP68 standard: tested to withstand submersion in 1 meter of water for 31 minutes
- Optional emergency button for use in public safety and other environments for radios supporting this function
- Large PTT design is easy to find by touch, even when wearing gloves
- High/low volume switch is unobtrusive and intuitive
- Sealed earphone jack included for discreet listening with earphone kits

Revo NC1

- This compact and economical version of the industry-leading Revo NC2 speaker microphone design is ideal for a wide variety of applications that includes retail, hospitality, restaurants, sporting venues and casinos
- **Our innovative patent-pending design provides superior noise canceling (NC) and optimum voice reception**
- Designed as a small, palm-sized speaker microphone for discreet use
- Large PTT is easy to find
- Protected against dust and blowing rain to MIL-STD-810
- Sealed earphone jack included for discreet listening with earphone kits
- New clip design offers excellent retention and 45° rotating detents



Storm

Standard

- Immersion rated, fully sealed per IP68 standard: tested to withstand submersion in 1 meter of water for 31 minutes
- Larger PTT with positive tactile feedback
- Push button high/low volume control
- 2.5mm or 3.5mm earphone jack isolated from main housing for seal integrity
- Durable design and construction meets MIL-STD-810
- Contoured design for easy handling
- Clothing clip assembly: 360° rotation with positive detent stops every 45°

Available on select radio models

- Optional emergency button
- Sealed earphone jack
- Built-in debris screen
- Optional antenna connector models available



Evolution



- Versatile and reliable speaker microphone for demanding environments
- Sealed housing meets MIL-STD-810 including 40 mph blowing rain
- Adjustable high/low volume control
- 2.5mm accessory jack for use with earphone kit for loud environments or discreet communications
- Built-in debris screen
- Clothing clip assembly: 360° rotation with positive detent stops every 45°
- Optional emergency button and antenna connector models available for selected radios

OTTO 500

Come hell or high water, our OTTO 500 high-temp fire speaker microphones exceed the performance of any other microphone in the market.

This speaker microphone is ideal for fire rescue and other public safety use or industrial applications where dust, metal filings and other debris are present.

- Functions at least 5 minutes at 500°F
- Removable front grill with replaceable screen for easy removal of dirt and debris
- Heavy-duty **W** FIRE-TUFF cable and strain relief, designed to withstand hot blasts of 500°F



- Optional emergency button with larger notch for easier actuation
- Large snap-action PTT for use with gloves and protective gear
- Dual grill provides immersion and high pressure water seal
- Immersion rated, fully sealed per IP68 standard: tested to withstand submersion in 1 meter of water for 31 minutes
- Microphone optimized to reduce ambient noise
- Speaker always remains active
- Durable design and construction meets MIL-STD-810
- Extra large clip detent with stops every 45° to allow for precise and secure placement



OTTO accessories let you customize your communications.

Speaker Microphone Accessories

OTTO accessories are lightweight, comfortable, discreet and unobtrusive. They work with many speaker microphone models.

Standard Earphone Kit

- Low profile, flexible, transparent acoustic tube
- Designed to fit either the left or right ear
- Lightweight earphone, rubber ear tip and clothing clip
- Quick disconnect earphone adapter for easy replacement of any one component
- Listen-only device
- 2.5mm or 3.5mm connectors available
- Straight and right angle plug options for earphone kit
- Ear hanger version available



Single Earphone Kit with SureFire Patented EarLock® Retention Rings and Noise-Reducing Filters

- Patented noise-reducing filter allows communications transmission while maintaining situational awareness
- 21dB ambient noise reduction rating (NRR) with noise-reducing filter closed
- Impulse noise including gunfire and explosions reduced to safe levels with noise-reducing filters open or closed
- Tethered second earpiece provides hearing protection and situational awareness
- Requires no batteries
- Easily worn with most hats and helmet systems
- Replaceable SureFire Earpieces available
- Available with either a 2.5mm or 3.5mm plug for any radio platform speaker microphone



Dual Earphone Kit with SureFire Patented EarLock® Retention Rings and Noise-Reducing Filters

- Provides all the benefits of SureFire hearing protection plus receive audio in both ears



OTTO is plugged into your needs.

Professional Surveillance Kits

OTTO Professional Surveillance Kits are the industry standard in mission critical communications. As the wire kit of choice for public safety agencies, they offer uncompromising performance when lives are on the line.



Two and three wire earphone kits for total flexibility

- Lightweight earphone, rubber ear tip, radio connector and clothing clip
- Low profile, flexible, transparent acoustic tube
- Quick disconnect earphone adapter for easy replacement of any component
- Kevlar reinforced cables made with a proprietary alloy for added linear and tensile strength
- Black or beige color options on certain models



OTTO for when communications should be heard but not seen.



Covert Wireless Earpiece Systems

In-ear OTTO Wireless Receiver systems are virtually undetectable for covert operations. The wireless receiver fits comfortably in the ear canal and is nearly invisible. It is available in squelched, non-squelched, and digital versions. The new OTTO Neck

Loop and OTTO Flat Pack surveillance kits create an inductive field that transmits the radio's sound to the wireless earpiece for reliable covert communication. Available in beige color.

Wireless Ear Receiver

- Earpiece replaces traditional acoustic tube
- Small, lightweight unit fits comfortably inside the ear (right ear for analog models; either ear for digital miniature model)
- Squelched and non-squelched versions available
- Digital miniature version eliminates most magnetic interference from electronic devices
- Comes with spare batteries, wax traps, and trap removal tool
- Requires flat pack or neck loop inductor



Flat Pack Inductor

- NEW slimmer design can be pinned to lightweight shirt
- Knowles mic built into the flat pack
- Integrated surveillance kit connects directly to radio
- Discreet barrel PTT runs along arm inside sleeve
- Also available: Standard Flat Pack for use with OTTO Two or Three Wire Kit



Neck Loop Inductor

- NEW integrated surveillance kit design connects directly to radio
- Knowles microphone built into neck loop
- Discreet barrel PTT runs along arm inside sleeve
- Also available: Standard Neck Loop available in 28" or 49" lengths for use with OTTO Two or Three Wire Kit



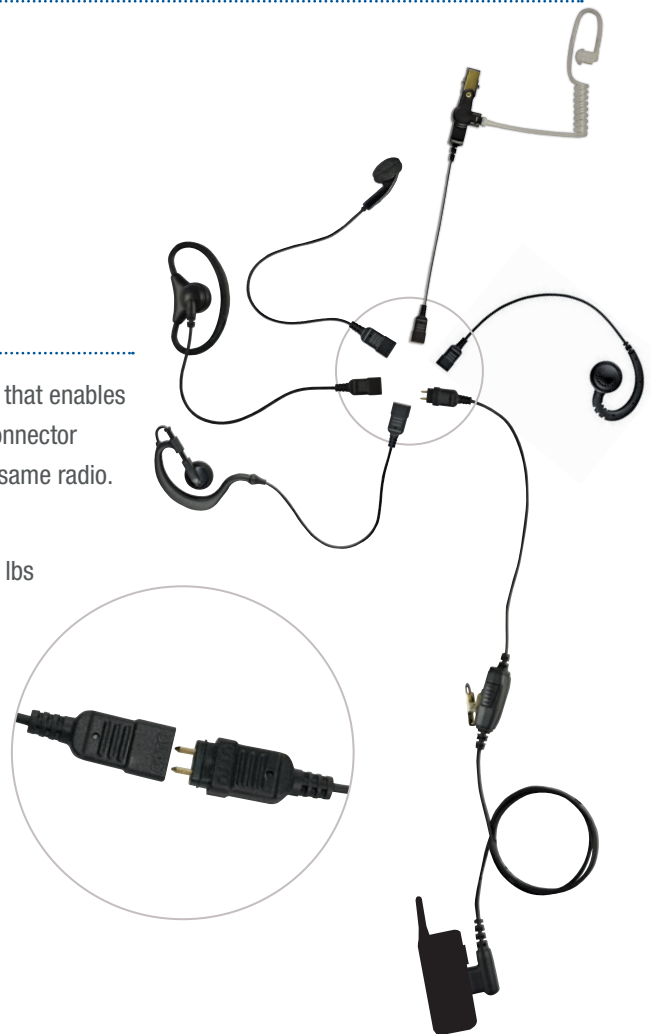
Commercial Surveillance Kits

OTTO Commercial Surveillance Kits are the go-to accessory for daily communication. They are designed for use in retail, hospitality, restaurants and other high-volume commercial applications. We combine performance, flexibility and value—with OTTO quality.

OTTO LOC™

OTTO *LOC* surveillance kits feature a unique quick disconnect connector that enables you to choose from a variety of earpiece options to fit your needs. The connector allows only the earpiece to be changed to support multiple users on the same radio. This promotes hygiene and reduces wear and tear on radio connectors.

- The OTTO *LOC* connector fits tightly — with a pull force exceeding 5 lbs
- Five interchangeable earpieces fit OTTO *LOC* one and two wire kits
- These kits are available in one and two wire versions supporting 18 different radio connectors
- These versatile surveillance kits feature a new ergonomic push-to-talk design
- Kevlar reinforced cabling for added durability
- Easy assembly
- Replaceable components



Direct Connect Surveillance Kits

Here is a great value in a wire kit designed for commercial operations. We have combined quality, durability and low cost for the perfect product to exceed your expectations.

- In-line ergonomic microphone/PTT design
- Digital compatible microphone
- Available earpiece models that include an ear bud with foam cover, ear hanger and quick disconnect acoustic tube
- Durable clothing clip
- Available for popular radios with two-pin connectors
- Kevlar cabling



Quality accessories increase flexibility and comfort.

Accessories for Professional Surveillance Kits

These kits and clips are designed to maximize the versatility and wearability of your wire kits. They are also engineered to deliver high performance when the user is moving from a high noise to a low noise environment. Versatile options and fittings are

essential to your security program, and our modular earphone accessories provide the adaptability and flexibility you need.



Flexible Open Ear Insert



- Open frame design allows user to hear ambient sound
- Molded from hypoallergenic material
- Left or right ear models available in three sizes
- Comfortably designed for long-term wear

Noise Attenuating Kit

- Provides additional hearing protection
- Certified noise reduction rating (NRR) of 25dB
- Comfortable adjustable yellow foam ear inserts
- Single and dual ear versions available



OTTO headsets take the shape of your task.

Headsets

As a leading provider of headsets, we are keenly aware of how applications and needs vary from person to person and from task to task. For that reason, we offer a range of headsets that delivers high quality sound and ensures discreet two-way radio communications—all while providing the additional comfort necessary for extended wear.

We fit the needs of bike safety patrols, hotel, restaurant and hospitality staff, event coordinators and others in the entertainment industry. Our lineup includes headsets that offer the extra hearing protection required for consistent, clear communication in high noise environments. These headsets are ideal for manufacturing plant engineers, industrial processing technicians, construction teams, airport personnel or racing crews.



Profile

- Slim, lightweight design fits under helmets and hard hats
- Optional over-the-helmet strap
- Noise reduction rating of 21dB
- In-line PTT with coiled cable
- Quick disconnect cable allows for easy interchangeability between radios with different connectors
- Enhanced user safety with breakaway cable design
- Supports multiple radio platforms
- Headset protected against debris entry and water immersion for up to 30 minutes in 1 meter of water (IP67)



Classic Over-the-Head and Behind-the-Head

- Heavy-duty headset with certified noise reduction rating (NRR) of 24dB
- Comfortable, dual cloth-covered ear seals
- Flexible, noise canceling boom microphone with replaceable windscreen
- Rotating boom microphone for left or right positioning (over-the-head only)
- Straight cord with inline PTT



Classic ClearTrak™

- Heavy-duty headset with certified noise reduction rating (NRR) of 24dB
- Built with an extreme noise canceling microphone
- Comfortable, dual cloth-covered ear seals
- PTT switch located on ear cup
- Coiled cord
- Flexible, noise canceling boom microphone with replaceable windscreen
- Rotating boom microphone for left or right positioning (over-the-head only)

Hurricane III With the SureFire™ Patented EarLock® Retention Ring and Noise Reducing Filters

Sounds at safe levels, including normal speech, are allowed to pass through and can be clearly heard, while potentially harmful noises are reduced via a proprietary design that incorporates a special noise reducing filter.

Recommended for shooting ranges, public safety applications, and any environment where loud noises are present and hearing normal conversation is important.

- SureFire's patented noise reducing filters reduce potentially harmful noises to a safe level
- Sliding switch allows user to block more sound or allow ambient sounds to pass through
- 21 dB NRR (Noise Reduction Rating) with switch closed
- Up to 40dB impulse noise reduction



Sliding switch on Noise-Reducing Filter allows user to control ambient sound level

- Noise canceling microphone
- Low-profile design can be worn while wearing a helmet or mask, or while using a phone
- Replacement earpiece kits available
- Optional remote PTT jack available; for remote PTT options, see page 22
- Durable design and construction to meet MIL-STD-810



Hurricane II

- Behind-the-head style headset with dual ear inserts
- Delivers the performance of a heavy-duty headset without all of the weight and bulk
- Provides noise reduction with use of NoisEzSM Ear Tips (29dB)
- Multiple ear insert options included
- Easily converts from high noise to low noise environments
- Flexible, noise canceling boom microphone with replaceable screen
- Can be worn under helmet or cap
- Optional remote PTT jack available; for remote PTT options, see page 22
- Durable design and construction to meet MIL-STD-810



Ranger

- Behind-the-head style with single left speaker
- Speaker rotates on the steel frame to allow for adjustment
- Flexible, noise canceling left boom microphone with replaceable windscreen
- Ideal for harsh environments
- Optional remote PTT available, see page 22



Explorer

- Quick disconnect acoustic tube with multiple ear insert options
- Flexible contoured ear hanger that can be easily adjusted
- Right or left ear compatibility
- Swivel boom microphone for left or right positioning



Lightweight (with padded headband)

- Flexible boom microphone with replaceable windscreen
- Comfortable adjustable foam cushion
- Fully rotating boom microphone for left or right positioning



Breeze

- Behind-the-head style with single left earphone
- Designed for durability in active environments
- Ultra-lightweight frame for superior comfort and fit
- Flexible boom microphone with replaceable windscreen
- Can be worn under helmet or cap
- Optional remote PTT available, see page 22



OTTO skull and throat microphone systems are a clear choice.

Skull and Throat Microphone Systems

For extreme conditions where a boom microphone is not practical, including under helmets or masks. Skull and throat microphones offer high external noise rejection and are optimal

choices for industrial environments requiring full protective gear, such as inside steel mills.

Professional Skull Microphone System

- Picks up vibrations and transmits audio through the bones of the skull
- Comfortable molded rubber skull microphone and ear cup
- PTT options for use with protective clothing and special applications
- Adapts to most helmet configurations



Standard Throat Microphone System

- Ideal for users in a high noise environment: industrial, commercial or hospitality
- Break-away strap for safety in emergencies
- In-line PTT for convenient use, and optional remote ring PTT for covert or “hands-free” use
- Quick disconnect acoustic tubes for easy and hygienic sharing by users with multiple shifts

Professional Throat Microphone System

- Advanced microphone technology transmits even whispered commands
- Adjustable elastic strap for a comfortable fit
- PTT options for use with protective clothing and special applications
- Quick disconnect acoustic tube for easy and hygienic sharing by users with multiple shifts



OTTO tactical headsets are designed to take on the tough stuff.

Tactical Headsets

OTTO Tactical headsets are designed to fit securely and provide clear communications in physically active conditions, ranging from search-and-rescue operations to tactical situations.

- Designed to fit under helmets or hats
- Immersion rated to depth of one meter in salt water for two hours (exceeds IP68 standards)
- Flexible noise canceling boom microphone
- 80mm Body PTT is standard on most models
- Optional 2.5mm pigtail is available on some models for remote PTT alternatives

Tactical II

- Soft rubber ear cup designed for comfort
- Larger size ear cup ensures clarity
- Velcro® head strap and elastic headband ensure a secure fit



Tactical III

- Combination speaker and boom microphone for easy adjustment
- Mesh over-the-head strap and elastic headband ensure a secure fit



Tactical IV

- Combination speaker and boom microphone slide onto headband
- Mesh style headband with Velcro® tab ensures a secure fit



OTTO remote PTT provides added options for flexibility.

80mm, Barrel, Flat and Ring PTT

These versatile options provide flexibility for users who are driving, carrying weapons or using tools. They are perfect for any application where someone is performing a task with their hands but require easy access to their communications gear.

- PTT styles compatible with Breeze, Hurricane II, Hurricane III and Ranger Headsets with 2.5mm pigtail
- Tactical headsets require 2.5mm pigtail for compatibility with PTTs
- 80mm PTT ships standard with most tactical headsets



2.5mm Pigtail
for Remote PTT



80mm PTT



Barrel PTT



Flat PTT



Ring PTT

OTTO Patented Cable Management Clip

- This unique clip cable management system easily keeps cables in place
- Simply affix the clip to any molle vest, install cable and snap the cover



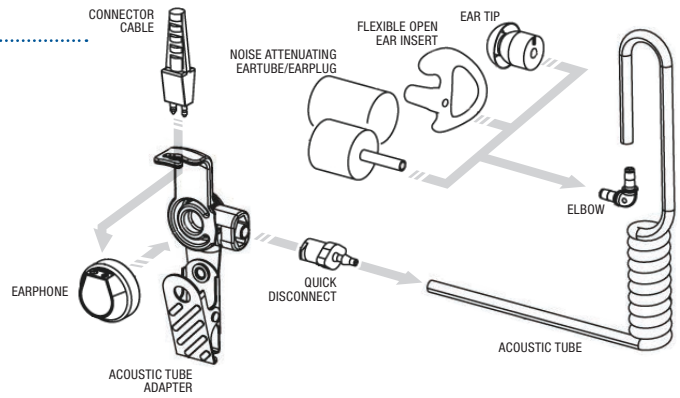
OTTO replacement parts will keep your communications up and running.

Replacement Parts

OTTO offers replacement parts for several product lines, including speaker microphones, surveillance accessories and headsets.

If you have any questions or would like more information, your OTTO representative can help. Please give us a call at 888.234.6886 (OTTO) or visit www.ottoexcellence.com.

- Replacement cables for 2.5mm and 3.5mm earphone kit
- Noise attenuating earplugs
- Headset replacement parts and hygiene kits
- Speaker microphone replacement parts including clothing clips
- Flexible open ear inserts
- Quick disconnect acoustic tubes
- Earpiece options including open ear inserts and clear ear tips



SureFire™ Replacement Earpiece Kit

Parts for the Hurricane III with the SureFire™ Patented EarLock® Retention Ring and Noise Reducing Filters. The kit includes right and left SureFire™ earpieces, acoustic couplers and adapter tubes.



OTTO is a vertically integrated manufacturer of two-way communication accessories that are put to the test every day by people in the field, many of whom are putting their lives on the line. Our accessories are designed for the U.S. Military, federal, state and local law enforcement agencies, public safety agencies and for commercial markets.

OTTO is known worldwide for delivering innovative products with enhanced performance that provides clear, reliable communications—from war zones to national parks to mining operations and retail enterprises. Specializing in lightweight and heavy-duty headsets, speaker microphones and surveillance kits, OTTO is the number one choice for people who can't afford failure.

**From the manufacturing line to the front line,
every OTTO product is engineered with excellence.**

OTTO is a privately held business located in Carpentersville, Illinois. OTTO was founded in 1961 on the principle that quality, excellence and innovation are paramount to success. We are ISO 9001:2008 certified and maintain the highest quality standards.



Customer Service: 888.234.6886 (OTTO) // www.ottoexcellence.com // info@ottoexcellence.com

Download the free OTTO Communications iPad App from the Apple App store!



OTTO[®]
Expect Excellence.