

Professional Radio Accessories for
**DEMANDING
ENVIRONMENTS**

savox
COMMUNICATIONS

About SAVOX

SAVOX Communications is focused on providing professional radio accessories and communications equipment that improves the performance of individuals working in highly demanding environments around the globe.

In addition to its own range of branded products, SAVOX provides its own in house design and manufacturing resources to making communication solutions for many of the leading professional radio and personal protection equipment manufacturers in the world.

Serving the Police, Security, Fire, Rescue, Defence, Maritime and Industrial sectors, SAVOX caters for the needs of the total spectrum of professional communications user.

With offices in the United Kingdom, Germany, France, Finland, Luxembourg, USA, China and with a network of experienced distributors, SAVOX provides global support to you, wherever you are.

SAVOX Products

You need radio accessory products that work in highly demanding environments, where communication is mission critical. They need to work first time, every time, with no fuss. SAVOX Communications products do just that.

From the simplest earpieces to sophisticated ATEX approved headsets, from bone conducting headsets to wireless com control units, SAVOX has the widest range of radio accessories available on the market.

They are compatible with radios from all the major manufacturers and are available with numerous options to suit your needs. The unique modular design approach means more flexibility for use within teams and a better return on investment.

SAVOX Communications is part of the SAVOX Communications Group.

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Industry Icons

- Indicate's product use in other industries



Fire and Rescue



Police and Security



Industrial



Defence

Standards/Features Icons

- Indicate's standards applicable



Foreign body and water protection level



Wireless functions available



Intrinsically safe version available
(subject to radio models)

The unique
SAVOX
modularity
concept

HEADSETS



COM-CONTROL
UNITS TO RADIO



Broad
compatibility
with
radios

SAVOX® accessories are compatible
with the following radio manufacturers' radios:

- | | | |
|-----------------------------|-----------|-------------|
| • Cassidian (EADS) Tetra | • Kenwood | • Simoco |
| • Cassidian (EADS) Tetrapol | • HYT | • Tait |
| • FWK | • Maxon | • Teltronic |
| • Motorola | • Niros | • TP-Radio |
| • Icom | • Selex | • Vertex |
| • Entel | • Sepura | • Funkwerk |

If you would like to talk to someone about compatibility with other radio brands or need more detailed information, please contact the SAVOX sales team. Please check the availability of optional accessories for your radio model.

Entry Level Wire Kit

A wire kit that plugs into the radio connector and provides Mic / PTT functionality. Fitted with a clothing clip for securing to the wearer's lapel. A cost effective entry level solution.

FEATURES

- Mic/Push To Talk
- 2-Pin DIN plug
- Kevlar cabling

TECHNICAL DATA

Weight: 53g
 Cable length:
 Plug - Mic / PTT: 800mm straight
 Mic / PTT - Earpiece: 400mm straight
 Connector: Radio specific
 Colour: Black only

OPTIONS (on selected models)

- Pluggable alternative earpieces to connect to wire kits



Industries



1 Wire Kit

A 1 wire kit designed for listen only applications. Includes a clear eartip, quick disconnect acoustic tube and replaceable speaker capsule. Can be used with ear inserts for increased comfort, suitable for rugged use.

FEATURES

- Listen only acoustic tube earpiece
- Kevlar reinforced cable as standard
- Quick disconnect acoustic tube

TECHNICAL DATA

Weight: 28g
 Impedance: 32 Ohms
 Cable Length: 110mm coiled
 210mm straight
 Connector: 2.5mm/3.5mm/direct fit to radios
 Colour: Black only



Industries



2 Wire Kit

A 2 wire kit that plugs into the radio connector, fitted with the same replaceable earpieces as the 1 wire kit. Inductors can be connected allowing use with wireless earpieces. The 2nd straight cable is fitted with an oblong shaped Mic/PTT (Push To Talk) unit and cuff / lapel clothing clip. Suitable for door stewards and private security personnel.

FEATURES

- Same earpiece style as the 1 wire kit
- Mic/PTT with clothing clip
- Can be worn on the lapel or shirt cuff

TECHNICAL DATA

Weight:	50g
Cable length:	
Plug - Earpiece:	1m straight
Plug - Mic / PTT:	1m straight
Connector:	Radio specific
Colour:	Black or Beige



Industries



3 Wire Kit

A 3 wire kit fitted with the same replaceable earpieces as the 1 wire kit. Inductors can be connected for use with wireless earpieces. 2nd cable is fitted with a discreet microphone and clothing clip. 3rd cable is fitted with a barrel style PTT (Push To Talk) unit. Suitable for semi/fully covert applications.

FEATURES

- Same earpiece style as the 1 wire kit
- Separate barrel style PTT
- Miniature tie Mic with clothing clip

TECHNICAL DATA

Weight:	80g
Cable length:	
Plug - Earpiece:	1.2m straight
Plug - Mic:	1.2m straight
Plug - PTT:	1.25m straight
Connector:	Radio specific
Colour:	Black or Beige



Industries



3 Wire Kit with E/P Socket

Similar to the standard 3 wire kit. Cable 1 is fitted with a tie microphone and clothing clip. Cable 2 is fitted with a finger style PTT and velcro loop. Cable 3 is fitted with a 3.5mm mono socket allowing the wearer to choose the style of earpiece they prefer.

FEATURES

- Miniature tie Mic with clothing clip
- Separate finger style PTT
- Earpiece lead fitted with 3.5mm socket (allows connection of various earpieces)

TECHNICAL DATA

Weight:	38g
Cable length:	
Plug - E/P Socket:	700mm straight
Plug - Mic:	1.1m straight
Plug - PTT:	1.2m straight
Connector:	Radio specific
Colour:	Black only

OPTIONS (on selected models)

- Pluggable alternative earpieces to connect to wire kits



Industries



3 Wire Kit with Wireless PTT

A 3 wire kit fitted with the same replaceable earpieces as the 1 wire kit. Inductors can be connected allowing use with wireless earpieces. 2nd cable is fitted with a small tie microphone and clothing clip. Supplied with an IP67 wireless PTT and adjustable rubber hand loop. A secondary wired PTT is also fitted to the product. Suitable for covert applications.

FEATURES

- Same earpiece style as the 1 wire kit
- Miniature tie Mic with clothing clip
- Wireless PTT with velcro strap

TECHNICAL DATA

Weight:	60g
Plug - Earpiece:	1.2m straight
Plug - Mic:	1.2m straight
PTT:	Wireless 2.4 GHz
Colour:	Black only



Standards / Features



Industries



Ear Inserts

Pink open ear inserts designed to replace the standard clear eartip from the acoustic tube style earpieces. Provides greater comfort when wearing for long periods of time. Ideal for user's operating in noisy surroundings, such as Policing football matches or other crowd control applications.

FEATURES

- Replaces the standard clear eartip on the wire kits
- Open ear insert variant allows the user to hear ambient sound
- Provides greater comfort over longer work period
- Available in left or right and small, medium and large sizes

OPTIONS (on selected models)

- Noise attenuating plug which replaces the standard clear tip but provides 24 dB of attenuation
- Small/large D shells available for attaching to wire kits



Industries



Pluggable Inductors

Neckloop or flatpack inductors fitted with DIN sockets allowing them to attach to the earphone lead of any wire kit product. Converts semi covert acoustic tube products into a fully covert solution.

FEATURES

- Flatpack inductor to connect to wire kits

TECHNICAL DATA

Weight: 30g
Colour: Beige only

Both inductors used in conjunction with wireless earpieces.



Industries



Flexible Inductors

A discreet use inductor with a protective pouch to be worn over the user's shoulder. The product can be fitted with DIN sockets to be used in conjunction with wire kit products, or fitted with an integral microphone and PTT (Push To Talk) system for use as a stand alone fully covert solution.

FEATURES

- Receive only inductors to connect to wire kits
- Inductor with Mic to interface to existing covert communications solutions
- Full system with PTT to connect to radio terminal

OPTIONS (on selected models)

- Covert vests available to house inductor & radio (various sizes & colours)



Industries



LEP 110 Neckloop Microphone

A covert inductive neckloop/microphone system complete with remote barrel PTT for use with wireless earpieces in a covert surveillance role.

FEATURES

- Inductive neckloop with built in microphone
- Separate barrel style PTT
- Can be upgraded to provide tone generation for use in place of speech

TECHNICAL DATA

Weight:	75g
Cable length:	Plug - loop 850mm straight Plug - PTT 1.45m straight
Connector:	Radio specific
Colour:	Beige only



Industries



LEP 120 Brooch Microphone

An inductive brooch-microphone system complete with remote barrel PTT for use with wireless earpieces in a covert role.

FEATURES

- Inductive brooch inductor with built in microphone
- Separate barrel style PTT
- Can be upgraded to provide tone generation for use in place of speech

TECHNICAL DATA

Weight:	110g
Cable length:	Plug - flatpack 850mm straight Plug - PTT 1.45m straight
Connector:	Radio specific
Colour:	Beige only



Industries



UCH 1 Shoulder Harness

An adjustable cloth shoulder harness that houses radio and covert radio accessory cables. Designed for use by covert surveillance operatives.

FEATURES

- Beige only
- One size fits all



Industries



UCH 100 Covert Vest

A fully zipped covert surveillance vest in breathable material that houses radio and covert radio accessory cables. Designed for use by covert surveillance operatives.

FEATURES

- Full covert vest
- Houses radio, accessory wiring and dipole antenna
- Available in sizes small – extra large
- Black or white colours available



Industries



UTH 1 Thigh Harness

A covert surveillance thigh harness to allow carriage of radio on the top of the thigh. Designed for use by covert surveillance operatives.

FEATURES

- Covert thigh harness in lightweight material
- Houses radio and accessory cables
- Available in sizes small - large
- Black only



Industries



Standard Wireless Earpieces

Rcr1 - Standard covert wireless earpiece for use in a covert surveillance environment.

FEATURES

- Uses 10AE Zinc Air battery

Rcr2 - Standard squelched covert wireless earpiece for use in a covert surveillance environment.

FEATURES

- Uses 10AE Zinc Air battery
- Squelch gate to reduce interference

Rcr3 - Standard digital covert wireless earpiece for use in a covert surveillance environment.

FEATURES

- Uses 10AE Zinc Air battery
- Automatic gain control
- Audible low battery indicator

TECHNICAL DATA

Weight: 1.5g including battery
 Typical battery life: > 100 hours
 Output SPL: 100 dB
 Colour: Brown or Beige



Industries



Sub-Miniature Wireless Earpieces

Rcr4 - A sub-miniature covert wireless earpiece for use in a covert surveillance environment.

FEATURES

- Uses 10AE Zinc Air battery

Rcr5 - A sub-miniature squelched covert wireless earpiece for use in a covert surveillance environment.

FEATURES

- Uses 10AE Zinc Air battery
- Squelch gate to reduce interference

Rcr6 - A sub-miniature squelched covert wireless earpiece for use in a covert surveillance environment.

FEATURES

- Digital Wireless earpiece
- Squelch - reduces interference
- Automatic gain control
- Low battery indicator

TECHNICAL DATA

Weight: 1.2g including battery
 Typical battery life: > 100 hours
 Output SPL: 100 dB
 Colour: Brown or Beige



Industries



Covert Vehicle Interface Unit

A universal covert vehicle system to allow use of military, PMR and Tetra radios in a surveillance environment. System is designed to be radio independent and allow a walk-on or deep covert fit.

Industries



FEATURES

- Loudspeaker output
- Inductive loop output
- PTT and tones input x 2
- Covert microphone input
- Radio I/O
- Pre-configurable microphone gains
- Radio independent
- Programmable tones capability

LEP EM2 Earbud

An adjustable fully rotating earbud with rubberised G shaped loop with coiled cord or straight cable. A cost effective solution for general policing/stewarding activities.

FEATURES

- Earbud with rubberised adjustable loop

TECHNICAL DATA

Weight:	16g
Impedance:	32 Ohm
Cable length:	100mm coiled 430mm straight
Connector:	2.5mm/3.5mm/direct fit to radio
Colour:	Black only



Industries



LEP 190 Earbud

An adjustable fully rotating earbud with rubberised G shaped loop earpiece including a rugged in-line microphone/PTT (Push To Talk) unit. Suitable for general policing activities where independent transmission from the radio terminal is required.

FEATURES

- Earbud with rubberised adjustable loop
- Rugged in-line Mic and PTT

TECHNICAL DATA

Weight:	45g
Cable length:	
Earpiece - PTT:	100mm coiled 430mm straight
PTT - Plug:	880mm straight
Connector:	Radio specific
Colour:	Black only



Industries



LEP 330 Earpiece

A rubberised D shell earpiece for receive only transmissions. Suitable for general policing / stewarding activities where users require no components entering their ear canal.

FEATURES

- Rubberised D shell

TECHNICAL DATA

Weight: 16g
 Cable length: 100mm coiled
 600mm straight
 Connector: 2.5mm/3.5mm/direct fit to radio
 Colour: Black only



Industries



LEP 195 Earbud

A GSM style earbud with cable running to an in-line microphone / PTT (Push To Talk) unit with cable clip for fitting to lapel. Suitable for more discreet policing / stewarding activities.

FEATURES

- Walkman style earbud for discreet use
- Integrated Push To Talk and microphone in the cable
- Kevlar reinforced cable as standard

TECHNICAL DATA

Weight: 18g
 Cable length: Plug - Mic / PTT: 760mm straight
 Mic / PTT - Earpiece: 140mm straight
 Connector: Radio specific
 Colour: Black only



Industries



E-C Speaker Unit

An earpiece which provides hands-free solution when a discreet and simple solution is needed.

FEATURES

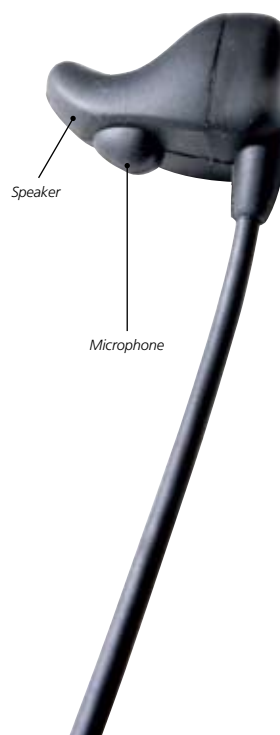
- For surveillance and police tasks
- Adaptable to both ears
- Adapts to SAVOX PTT units

TECHNICAL DATA

Weight:	20g
Microphone:	Vibration sensitive
Speaker impedance:	According to application
Cable:	ø 2mm/760mm
Connector:	4-pole quick release plug
Operating temperature:	-25 to +63°C (continuous)
Supply voltage:	2,5–10,0 VDC

OPTIONS (on selected models)

- Direct models with in-line PTT



Industries



G-C Ultra Light Hands Free Ear Set

An ultra light ear set with an ergonomic and comfortable fit. It can also be worn under a hard hat or hearing protectors, providing clear reception even in noisy environments.

FEATURES

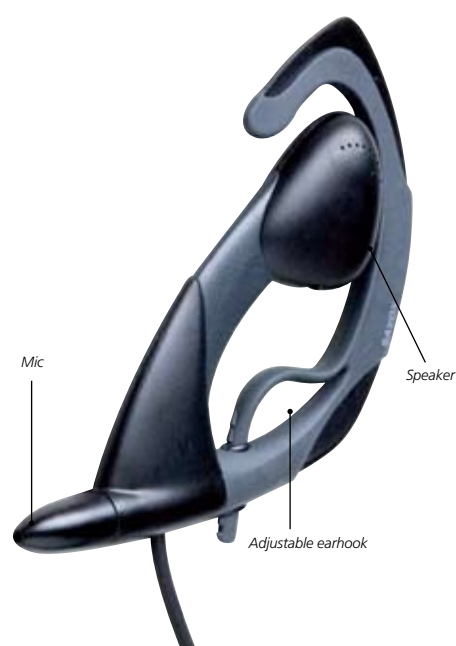
- For surveillance and police tasks
- Quick-release connector
- Comfortable to wear during sustained operations
- Adaptable to both ears
- No blocking of ambient sounds
- Light, yet robust
- Adapts to SAVOX PTT units

TECHNICAL DATA

Weight:	10g (excluding Push To Talk/Switch unit)
Size:	12 x 42 x 100mm
Microphone:	Electret, according to application/device

OPTIONS (on selected models)

- Direct models with in-line PTT



Standards / Features



Industries



Hanger Lightweight Boom Headset

An ultra-light and simple headset that integrates into almost any style of head gear and suits multiple applications from construction to law enforcement.

FEATURES

- Simple yet effective design can be worn with almost any style of head gear
- Easy to install and remove
- Comfortable to wear

TECHNICAL DATA

Weight:	47g
Mic sensitivity:	-46 +/- 4 dB
Mic directivity:	Noise cancelling
Speaker impedance:	16 Ohm
Operating temperature:	-20 to +60°C (continuous)
Operating voltage:	1.3 to 10 VDC
Cable:	Straight, 6 conductor shielded



Industries



Bullet Lightweight Behind The Neck Headset

A behind the neck ultra-light headset for use in active environments. It has a comfortable fit and can be worn under a helmet or cap.

FEATURES

- Extremely light headset
- Flexible boom adjusts to any position
- Fits comfortably behind the head

TECHNICAL DATA

Weight:	33g
Mic sensitivity:	-40 +/- 2 dB
Mic directivity:	Noise cancelling
Speaker impedance:	88 Ohm
Colour:	Matt Black



Industries



Rugged Breeze Headset with Wireless PTT

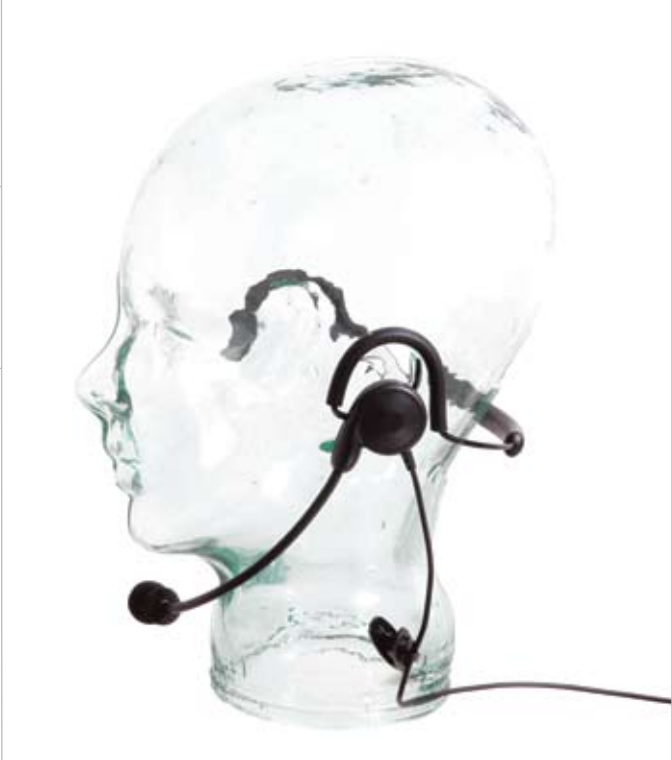
An adjustable behind the head headset with an adjustable noise cancelling microphone. Fitted with a round 45mm body PTT. Headset supplied with a wireless PTT and handlebar mounting bracket. User applications include from police cycle teams and crane operators to control room applications.

FEATURES

- Adjustable behind-the-head style band with single left earphone
- Suitable for use under a helmet or cap
- Fitted with in-line round 55mm PTT
- Supplied with wireless PTT suitable for mounting on handlebars/gearsticks

TECHNICAL DATA

Weight:	130g
Connector:	Radio specific
Microphone:	Electret boom
PTT:	In-line body & wireless
Colour:	Black only



Industries



L-C Behind The Neck Headset

A rugged behind the neck headset catering for communication needs in highly active environments.

FEATURES

- Electret condenser microphone
- Windscreen
- Ear cushion
- Adapts to SAVOX PTT units

TECHNICAL DATA

Microphone range:	100 Hz to 2.5 kHz
Gooseneck:	ø 4mm
Cable:	ø 3.6mm
Ingress protection:	IP67



Standards / Features



Industries



Sidewinder Behind The Neck Headset

A rugged behind the neck headset catering for communication needs in highly active environments.

FEATURES

- Rugged headset
- Robust and highly flexible boom
- Incorporates a noise cancelling microphone element
- Bendable steel headband is over moulded with thermo plastic rubber for comfort and durability

TECHNICAL DATA

Weight:	80g
Mic sensitivity:	-43 +/- 3 dB
Speaker impedance:	88 Ohm
Colour:	Matt Black



Industries



MP-H Multi Purpose Headset

A multi purpose headset for professionals using helmets. It mounts into most helmet types and can be used in high-noise areas, at high speed or in heavy wind.

FEATURES

- Flexible boom microphone
- All-round mounting system
- Quick-release connector
- Fits all types of headgear
- Adapts to SAVOX Com-Control units
- Replaceable hygienic windshield

TECHNICAL DATA

Weight:	25g
Microphone output:	2,2 kOhm @ 1 kHz, noise-canceling, adjustable boom
Cable:	ø 4mm, 270mm, coiled
Speaker bag for integral helmets:	Included
Holder for headband mounting:	Included
Operating temperature:	-25 to +63°C (continuous)
Connector:	4-pole quick-release connector
Speaker impedance:	32 Ohm

OPTIONS (on selected models)

- Headband
- Version with twin speakers



Standards / Features



Industries





N-C Noise-Com Unit

A smart and flexible communication solution for high-noise environments. The NC unit mounts into earmuff type hearing protectors and turns them into a communication headset.

FEATURES

- Boom microphone
- For high-noise environments
- Fits all regular ear protectors thanks to an ingenious attachment system
- Quick-release connector
- No effect on hearing protection level
- Adapts to SAVOX Com-Control units

TECHNICAL DATA

Weight:	81g
Size:	70 x 175mm
Directivity:	Noise-cancelling
Mic impedance:	2500 Ohm @ 1 kHz
Speaker impedance:	32 Ohm @ 1 kHz (±15%)
Cable:	Coiled, ø 4mm, 270mm, PUR, flame-retardant
Connector:	4-pole quick-release connector or SAVOX® NC direct according to radio/phone
Operating temperature:	-25 to +63°C (continuous)
Humidity:	95% RH, +63°C for 500 hours

OPTIONS (on selected models)

- Direct models with Vox function (radio model related feature)



Standards / Features



Industries



T-M/T-C Throat Microphone/Speaker Unit



A comfortable throat mic for communication in high-noise environments or other extreme conditions. A comfortable to wear throat mic that enables even whispered communication.

FEATURES

- Comfortable and sensitive throat microphone
- For high-noise environments and under protective suits
- Quick-release connector
- Flexible, washable neck band
- Adapts to SAVOX C-C400/C-C500 com-control units

TECHNICAL DATA

Weight:	90g
Microphone:	Vibration-sensitive, impedance 3500/300 Ohm @ 1 kHz
Speaker impedance:	T-C/800 Ohm, T-M/35 Ohm
Speaker/Mic cable:	ø 2.5mm, 290mm/195mm (PVC/PUR)
Cable:	Coiled, ø 4mm, 380mm, pur
Connector:	4-pole quick-release connector
Operating temperature:	-25 to +63°C (continuous)

OPTIONS (on selected models)

- Acoustic tube speaker



Standards / Features



Industries



Heavy Duty Throat Mic

A heavy duty throat microphone with dual sensor transducers.

FEATURES

- Rugged style throat microphone with acoustic tube style earpiece
- Supplied with three PTT options (body, standard in-line & remote finger)
- Modular plug and locking connectors
- Dual sensors and adjustable three quarter design neckband

TECHNICAL DATA

Weight:	70g
Connector:	Radio specific/4-pole quick release connector
Microphone:	Dual vibration sensors
PTT:	In-line various options

OPTIONS (on selected models)

- 60mm body PTT solution



Industries



Phantom Push To Talk Throat Mic

A Push To Talk throat mic that comes with over the ear speaker or tactical speaker. As a discrete solution, the Phantom is ideal for covert applications or tactical law enforcement applications.

FEATURES

- Slimline and covert
- Easy to locate Push To Talk button
- Use with any make or model of facemask or breathing apparatus
- Waterproof & dust tight
- Connects to most make/model radios
- Multiple speaker options for added versatility

TECHNICAL DATA

Weight:	42g
Microphone:	Proprietary
Mic sensitivity:	-32 +/- 6 dB
Mic frequency:	300 Hz to 4 kHz
Headband material:	Rubber
Colour:	Matt Black
Helmet compatible:	Yes
Cable pull strength:	85lb/38kg

OPTIONS (on selected models)

- Over ear speaker
- Tactical speaker
- Behind ear speaker
- In-line speaker



Industries



Talon Throat Mic

A throat microphone for both low and high noise working environments and applications that require protective suits or face masks. Its sensitive microphone enables discrete whisper capabilities.

FEATURES

- Throat Mic suitable for low and high noise environments
- Can be worn in applications that require face masks and/or protective suits
- Offers discrete whisper capabilities
- Used in combination PTT-250

TECHNICAL DATA

Weight:	40g
Mic sensitivity:	-32 +/- 6 dB
Speaker impedance:	77 to 88 Ohm
Colour:	Matt Black

OPTIONS (on selected models)

- D shape speaker
- Acoustic tube speaker



Industries



Over Head Heavy Duty Headset

A heavy duty hearing protection headset for use when a helmet is not required in a high-noise industrial environment. Available with a choice of PTT options for most Tetra/PMR radios.

FEATURES

- Certified noise reduction of 24 dB
- Flexible, noise-cancelling boom microphone with replaceable windscreen
- Comfortable, cloth-covered ear seals
- Fully rotating boom Mic for left or right side positioning
- Various PTT options available

TECHNICAL DATA

Weight:	480g
Connector:	Radio specific
Microphone:	Noise cancelling boom
PTT:	In-line transition box
Colour:	Black only
Related products:	Behind head heavy-duty headset



Industries



Behind Head Heavy-Duty Headset

A heavy duty hearing protection headset for use with a helmet in a high-noise industrial environment. Available with a choice of PTT options for most Tetra/PMR radios.

FEATURES

- Certified noise reduction of 24 dB
- Flexible, noise-cancelling, boom microphone with replaceable windscreen
- Comfortable, cloth-covered ear seals
- Fully rotating boom Mic for left or right side positioning
- Various PTT options available

TECHNICAL DATA

Weight:	480g
Connector:	Radio specific
Microphone:	Noise cancelling boom
PTT:	In-line transition box
Colour:	Black only



Industries



HC-1 Helmet-Com® Unit Bone-Mic/Single Speaker



A compact helmet-com unit for professionals working in hazardous conditions. It easily mounts into most helmet types and provides clear and hands-free communication.

FEATURES

- Bone-conductive, dirt protected microphone
- Quick-release connector
- Especially suitable for fire and rescue tasks
- Unique fastening-strap system fits all helmets
- Mounts without any tools
- Light and compact
- Adapts to SAVOX C-C400/C-C500 Com-Control units

OPTIONS (on selected models)

- Straight cable
- Flashover-proof cable
- Short/long arm
- Headband



TECHNICAL DATA

Weight:	85g
Size:	40 x 160mm
Microphone:	Vibration-sensitive, impedance approx. 3500 Ohm @ 1 kHz
Speaker impedance:	32 Ohm
Cable:	Coiled (flame-retardant): ø 4mm/380mm; Straight (flashover-proof): ø 4mm/750mm
Connector:	4-pole quick-release connector
Operating temperature:	-25 to +63°C (continuous)
Humidity:	95% RH, +63°C for 500 hours

Standards / Features



Industries



HC-2 Helmet-Com® Unit Bone-Mic/Dual Speaker



A helmet-com unit ideal for fire and rescue personnel working in high-noise areas. HC-2 mounts into full protection fire helmets and can be used in combination with a breathing mask.

FEATURES

- Bone-conductive microphone
- Quick-release connector
- Especially suitable for fire and rescue tasks
- Unique fastening-strap system fits all helmets
- Mounts without any tools
- Light and compact
- Adapts to SAVOX C-C400/C-C500 Com-Control units

TECHNICAL DATA

Weight:	85g
Size:	40 x 160mm
Microphone:	Vibration-sensitive, impedance approx. 3500 Ohm @ 1 kHz,
Speaker impedance:	32 Ohm
Cable:	Coiled (flame-retardant): ø 4mm/380mm; Straight (flashover-proof): ø 4mm/750mm
Connector:	4-pole quick-release connector
Operating temperature:	-25 to +63°C (continuous)
Humidity:	95% RH, +63°C for 500 hours

OPTIONS (on selected models)

- Straight cable
- Flashover-proof cable



Standards / Features



Industries



HC-E Helmet-com® Unit Integrated Electret Mic



A lightweight helmet-com unit for professionals using helmets. Thanks to unique arm/strap fastening, it easily mounts into most helmets and provides a simple yet effective communication solution.

FEATURES

- Quick-release connector
- Especially suitable for fire and rescue tasks
- Unique fastening-strap system fits all helmets
- Mounts without any tools
- Light and compact
- Adapts to SAVOX C-C400/C-C500 Com-Control units

TECHNICAL DATA

Weight:	70g
Size:	110 x 40 x 12mm
Microphone:	Electret, impedance 2.2 kOhm @ 1 kHz
Speaker impedance:	32 Ohm
Cable:	Coiled (flame-retardant): ø 4mm, 380mm; Straight (flashover-proof): ø 4mm, 750mm
Connector:	4-pole quick-release connector
Operating temperature:	-25 to +63°C (continuous)
Humidity:	95% RH, +63°C for 500 hours

OPTIONS (on selected models)

- Straight cable
- Flashover-proof cable



Standards / Features



Industries



EARPAC In Ear Headset



HP-150

An in ear hearing protection headset with small boom microphone for improved radio speech intelligibility, impulse (gun fire) hearing protection and ambient peripheral awareness. Ideal for tactical firearms use and users operating around medium noise vehicles.

FEATURES

- Slim line boom with noise cancelling boom Mic
- Dual radio speakers for binaural radio inputs
- Foam and custom moulded eartips options
- Dual peripheral awareness microphones and speakers
- Kelvar lined cable for added strength and durability
- Compatible with most military tactical radios

TECHNICAL DATA

Operating temperature: -30°C to +55°C
Ingress protection: IP66

HP-300

An in ear hearing protection headset with impulse (gun fire) hearing protection and microphones to maintain peripheral awareness. Fitted with an in ear radio microphone. Ideal for tactical firearms use.

FEATURES

- In ear radio microphone for radio speech
- Dual radio speakers for binaural radio inputs
- Foam and custom moulded eartips options
- Dual peripheral awareness microphones and speakers
- Kelvar lined cable for added strength and durability
- Compatible with most military tactical radios

OPTIONS (on selected models)

- Direct radio connection option without the use of URIC 633-630
- Overmolded 14 pin cable option

Standards / Features



Industries



LTH 400 Lightweight Headset

A lightweight behind the head headset with dual comply ear inserts and noise cancelling boom microphone. Can be integrated directly into a body PTT to fit directly to the radio. Designed for use in a high-noise environment for example by riot police and the military.

FEATURES

- Behind-the-head style headset with dual ear inserts
- Provides noise reduction with use of comply ear tips (29 dB)
- Multiple ear insert options included
- Easily converts from high noise to low noise environment
- Flexible noise-cancelling boom microphone with replaceable windscreen
- Can be worn under helmet or cap
- Various PTT options available

TECHNICAL DATA

Weight:	80g
Connector:	Radio specific
Microphone:	Noise cancelling boom
PTT:	In-line various options
Earpiece:	29 dB NNR rating
Colour:	Black only

OPTIONS (on selected models)

- 60mm body PTT solution



Industries



LTH 450 CBRN Headset

A military style headset with boom microphone, can be used with 2 or 3-way head strap and also helmet clip. Left and right side mountable.

FEATURES

- Helmet mounting bracket available
- Noise-cancelling boom-Mic with earphone assembly
- Three-way adjustable head-strap
- Can be worn over or underneath PPE equipment

TECHNICAL DATA

Weight:	280g
Connector:	Radio specific/4-pole quick release connector
Microphone:	Noise cancelling boom plus plug in respirator Mic
PTT:	In-line large transition box
Colour:	Black only

OPTIONS (on selected models)

- 60mm body PTT solution



Industries



LTH 500 Bone Conduction Headset

A twin bone conduction earpiece headset with boom-microphone for use in a low noise environment. Designed for use by military or industrial personnel.

FEATURES

- Tactical bone conduction headset
- Waterproof noise cancelling boom microphone
- Single or dual bone conductors
- Custom frame sizes and boom microphone lengths available
- Variety of PTT's available
- Can be used in conjunction with breathing apparatus & ear defenders

TECHNICAL DATA

Weight:	300g approx
Connector:	Radio specific/4-pole quick release connector
Microphone:	Dual vibration sensors
PTT:	In-line various options
Colour:	Black only

OPTIONS (on selected models)

- 60mm body PTT solution



Industries



LTH 800 Bone Conduction Headset

A twin bone conduction headset providing bone conduction transmit and receive capabilities. Designed for use in a low noise environment by military and police officers, works extremely effectively in whisper mode.

FEATURES

- Dual transmit/receive bone conduction headset
- Adjustable head strap to allow optimum fitting

TECHNICAL DATA

Weight:	130g (excluding PTT)
Size:	130mm x 72mm x 160mm
Speaker output level:	100 dB + 4.5 dB at 1 kHz
Mic output level:	-13 dB + 4.5 dB at 1 kHz
Ingress protection:	IP67

OPTIONS (on selected models)

- 60mm body PTT solution



Standards / Features



Industries



HC-700D Tactical Headset

A general purpose lightweight dual sided tactical headset with boom microphone.

FEATURES

- Dual earphones
- Flexible boom microphone
- User replaceable ear cushions
- Rugged and reliable

TECHNICAL DATA

Operating temperature: -30°C to +55°C

Ingress protection: Submersible to 1m

OPTIONS (on selected models)

- Direct radio connection
- Cable lengths to meet user requirements
- Windshield/noise protection covers
- Dynamic/electret microphone options
- Variety of earphone impedance options
- Optional gel earphone cushions
- Can be fitted to SAVOX PTT's



Industries



HC-700 Tactical Headset

General purpose lightweight single sided tactical headset with boom microphone.

FEATURES

- Single earphone
- Flexible boom microphone
- User replaceable ear cushions
- Rugged and reliable

TECHNICAL DATA

Operating temperature: -30°C to +55°C

Ingress protection: Submersible to 1m

OPTIONS (on selected models)

- Direct radio connection
- Cable lengths to meet user requirements
- Windshield/noise protection covers
- Dynamic/electret microphone options
- Variety of earphone impedance options
- Optional gel earphone cushions
- Can be fitted to SAVOX PTT's



Industries



HP-200 Assault Communication Headset



A headset with hearing protection, peripheral awareness and ambient talk through. Designed for harsh environments including driving rain and also available in a fully waterproof variant.

FEATURES

- Provides optimum protection with high amplification electronic talk-through
- Can be worn with most ballistic helmets
- Both earmuffs are shaped to suit both right-handed and left-handed shooters
- Boom Mic versions available, which can be fitted on left or right earcup
- Two separate, well-shielded microphones for optimum stereo effect and spatial awareness
- High amplification and natural sound reproduction without "chopping"
- Aux input for connecting external audio sources
- Watertight battery compartment

TECHNICAL DATA

Battery life:	Approx 600 hours with two standard AAA batteries
Weight:	310g
Standards:	Designed to Mil Std 810
Operating temperature:	-40°C to +70°C

OPTIONS (on selected models)

- Headband or neckband options
- 1m submersible option available
- Deep ear shell (HP-250) options for improved attenuation

Industries



LEP 7000 Speaker Microphone

A rugged low-cost speaker microphone with 3.5mm earpiece socket and emergency button (for radios that support the function). Ideal for use by police and industrial users.

FEATURES

- Earphone jack that accepts standard 3.5mm plugs
- Emergency button available for radios that support this feature
- Clothing spring clip which can be positioned 360 degrees

TECHNICAL DATA

Weight:	130g
Microphone:	Omnidirectional
Speaker:	Dynamic
Connector:	Radio specific
Colour:	Black only
Related products:	General issue earpieces with 3.5mm connectors



Industries



LEP 730 Speaker Microphone

A lightweight low-cost speaker microphone with 3.5mm earpiece socket. Ideal for use in industry and security environments.

FEATURES

- Earphone jack that accepts standard 3.5mm plugs
- Clothing spring clip with 8-positions, adjustable through 360 degrees

TECHNICAL DATA

Weight:	99g
Microphone:	Omnidirectional electret
Speaker:	Dynamic 83 dB
Colour:	Black only
Related products:	General issue earpieces with 3.5mm connectors



Industries



LEP 740 Speaker Microphone

A rugged, waterproof (IP67) speaker microphone with waterproof 3.5mm socket to allow use of receive earpieces. Suitable for use in an industrial or security environment.

FEATURES

- Waterproof speaker microphone (IP67)
- Waterproof jack that accepts standard 3.5mm plugs
- Removable PTT button allowing easy cleaning, and replacement parts
- Emergency button available for radios that support this feature

TECHNICAL DATA

Microphone:	Non-directional electret
Speaker:	Dynamic 83 dB
Colour:	Black only
Related products:	General issue earpieces with 3.5mm connectors



Standards / Features



Industries



RSM-65 Wireless Remote Speaker Microphone



A wireless speaker microphone for rugged use. It's versatility suits numerous uses, including police and security, emergency personnel, industry and logistics personnel.

FEATURES

- Rugged wireless speaker microphone
- Allows cable-free movement
- Ease of use
- Familiar speaker microphone functions; PTT and volume buttons
- 2.5mm connector for earpiece or headset
- Led status indication
- High speaker volume

TECHNICAL DATA

Weight:	98g
Speaker:	89 dB @ 0.5 M
Power supply:	Rechargeable Li-ion battery
Operating temperature:	-25°C to +60°C (continuous)
Ingress protection:	IP55

BLUETOOTH ADAPTER

- RSM-65 requires an adapter
- Adapter is always radio-specific
- Latest standard security features are used

OPTIONS (on selected models)

- Optional extra-sensitive PTT button
- Optional remote PTT
- Available in different colours
- Small rotating clip



Standards / Features



Industries



C-C500 Com-Control Unit/Remote Speaker Mic



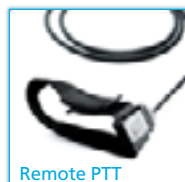
A multi-purpose remote speaker microphone that can be used with or without a headset. Adaptable to multiple use, including explosive environments.

FEATURES

- Can be used with or without a headset
- Adapts any SAVOX headset to your two-way radio
- Two large Push To Talk buttons
- Durable and water resistant (IP67)
- Rotating belt clip
- Ergonomic
- Optimal size

OPTIONS (on selected models)

- Remote PTT
- Function buttons, e.g. Emergency buttons or volume buttons



TECHNICAL DATA

Weight:	200g
Size:	110 x 65 x 25mm
Cable:	Ø 4mm, PU, length according to application
Microphone:	Omnidirectional electret
Speaker impedance:	8/16/32 Ohm @ 1 kHz
Speaker/Mic cable:	Ø 2.5mm, 290mm/195mm (PVC/PUR)
Connectors:	4-pole quick-release jack/radio-specific connector
Operating temperature:	-25 to +63°C (continuous)
Supply voltage:	2,5-10,0 vdc
Humidity:	95% RH, +63°C for 500 hours
ESD, EMI immunity:	Conforms to EN 301 489-1
Ingress protection:	IP67

Standards / Features



Industries



C-C400 Com-Control Unit



A com-control unit that enables the use of two-way radio in hazardous conditions. The extra large Push To Talk button secures transmission even when used underneath gear and protective clothing.

FEATURES

- Adapts any SAVOX headset to your two-way radio
- Extra large PTT button secures radio transmission in all situations
- Slim design
- Durable and water-resistant (IP55)
- Large rotating clip
- Integrated headset jack

TECHNICAL DATA

Weight:	120g (excluding clip)
Size:	76 x 17mm
Cable:	According to application
Connectors:	4-pole quick-release jack for headset, radio-specific connector
Operating temperature:	-25 to +63°C (continuous)
Supply voltage:	2,5–10,0 vdc
Humidity:	95% RH, +63°C for 500 hours
ESD, EMI immunity:	Conforms to EN 301 489-1
Ingress protection:	IP55

OPTIONS (on selected models)

- Optional extra-sensitive PTT button
- Optional remote PTT
- Available in different colours
- Small rotating clip



Standards / Features



Industries



C-C300 Com-Control Unit

A rugged com-system for crowd management and special task applications. The two basic C-C300 alternatives are the riot-PTT and the rifle-PTT.

FEATURES

- For crowd management and special task applications
- Adapts most SAVOX headsets to your two-way radio
- Small master PTT
- Available with two external PTTs: riot PTT and rifle PTT
- Durable cables

TECHNICAL DATA

Weight:	240g
Connectors:	4-pole quick-release jack for headset, radio-specific connector
Operating temperature:	-25 to +63°C (continuous)
Humidity:	95% RH, +63°C for 500 hours
ESD, EMI immunity:	Conforms to EN 301 489-1

OPTIONS (on selected models)

- Motorcycle PTT (disconnectable)
- Riot PTT
- Rifle PTT



Industries



C-C450 Com-Control Unit

A com-control unit designed according to military standards. User environments include special operations, amphibious operations, surface rescue, law enforcement and other demanding operations.

FEATURES

- Special rugged design
- Extra durable and water-resistant
- Rotating clip
- Black/olive colour
- Matt surface finish
- Mil-Std 810F compliant
- Wireless controller for maximum operational awareness
- Compatible with most SAVOX Headsets

TECHNICAL DATA

Size:	80 x 30mm
Cable:	According to application
Connectors:	Quick release multipin connector, radio-specific connector
Operating temperature:	-25 to +63°C (continuous)
Power supply:	Autonomous power supply (AA batteries)
Ingress protection:	IP68

OPTIONS (on selected models)

- Wireless controller (PTT)
- Function buttons
- Picatinny mounting for wireless controller



Standards / Features



Industries





PTT-250 Push To Talk Unit



A durable Push To Talk unit for versatile use. When combined with the right headset, this rugged PTT can be used with protective suits and face masks, allowing operation in various environments.

FEATURES

- Rugged, waterproof and dust tight
- Works with most make/models of portable radios
- Modular design for easy "plug and play" operation
- Large, easy to locate Push To Talk button
- Compatible in high noise and for use with facemasks/protective suits
- Intrinsically safe for explosive environments

TECHNICAL DATA

Type of microphone:	Interchangeable
Push To Talk:	Either available
Weight:	7.1 Oz/202g
Cable pull strength:	69lb/31kg
Colour:	Matt Black
Operating temperature:	-20°C to 40°C
Water resistance:	Yes
Adjustable mounting:	Yes
Rohs compliance:	Yes
Ingress protection:	IP57

OPTIONS (on selected models)

- The Sidewinder Behind The Neck Headset
- Bullet Lightweight Behind The Neck Headset
- Hanger Lightweight Boom Headset
- Talon Throat Mic Headset

The SR65M cannot be ordered without a separate radio interface cable.

Standards / Features



Industries



C-C600 Series Com-Controller / PTT

The SAVOX C-C600 Universal Radio Intercom Controller (URIC) product family is a versatile range of ancillary communication hubs offering interoperability with most tactical/solder radios and intercom systems. The C-C600 range can be specifically configured to operate with a range of headsets and the SAVOX HP or LTH series headsets.



C-C633 (Shown)

C-C630 (Shown)

C-C610 Com-Controller / PTT

THE SAVOX C-C610 allows 2 radio / intercom inputs with independent PTTS' and volume control.

FEATURES

- Digital interface allowing connection to almost any radio or platform intercom
- Can connect up to 2 radios or 1 radio and a platform intercom enabling continuity of communications in dismounted and mounted operations
- Compatible with a variety of headsets
- Built in 'SICR' - system (SAVOX Intelligent Cable Recognition System) which automatically configures radio and headset input/outputs

TECHNICAL DATA

Power: Single AA battery, C-C600 can also take power from the radio/platform intercom

Operating temperature: -30°C to +55°C

Ingress protection: IP67

Standards / Features



Industries



C-C620 Com-Controller / Remote Speaker Microphone

The SAVOX C-C620 is similar to C-C610 but it has an additional speaker microphone functionality which permits communication when a headset or ancillary device is not fitted.

FEATURES

- Digital interface allowing connection to almost any radio or platform intercom
- Can connect up to 2 radios or 1 radio and a platform intercom enabling continuity of communications in dismounted and mounted operations
- Compatible with a variety of headsets
- Built in 'SICR' - system (SAVOX Intelligent Cable Recognition System) which automatically configures radio and headset input/outputs

TECHNICAL DATA

Power: Single AA battery, C-C600 can also take power from the radio/platform intercom

Operating temperature: -30°C to +55°C

Ingress protection: IP67

Standards / Features



Industries



C-C630 Com-Controller / Remote Speaker Microphone

A tactical controller which allows multi radio & intercom connectivity. Fitted with a variety of radio controls and in ear headset connectivity (HC150-300). The C-C630 is the most versatile tactical controllers on the market with optional wireless controller capability.

FEATURES

- Up to 2 radio and intercom connectivity
- Supports dual net radio connectivity and a further tactical radio inputs
- Can be operated with all SAVOX headsets, including in ear headsets
- Built in 'SICR' - system (SAVOX Intelligent Cable Recognition System) which automatically configures radio and headset input/outputs
- Integrated digital processor with software upgradable capability
- Rugged and reliable operation

TECHNICAL DATA

Ingress protection: 1m submersible

Operating temperature: -30°C to +55°C

Standards: Designed to meet Mil Std 810 E and Mil Std 461 EMC requirements

OPTIONS (on selected models)

- Wireless controller options
- Direct-fixed wire connectivity (hardwired)

Standards / Features



Industries



C-C633 Com-Controller / Remote Speaker Microphone

A tactical speaker microphone which allows multi radio & intercom connectivity. Fitted with a variety of radio controls and in ear headset connectivity (HC150-300). The C-C633 is the most versatile tactical speaker microphone on the market with optional wireless controller capability.

FEATURES

- Up to 2 radio and intercom connectivity
- Supports dual net radio connectivity and a further tactical radio inputs
- Can be operated with all SAVOX headsets, including in ear headsets
- Built in 'SICR' - system (SAVOX Intelligent Cable Recognition System) which automatically configures radio and headset input/outputs
- Integrated digital processor with software upgradable capability
- Rugged and reliable operation

TECHNICAL DATA

Ingress protection: 1m submersible

Operating temperature: -30°C to +55°C operation

Standards: Designed to meet Mil Std 810 E and Mil Std 461 EMC requirements

OPTIONS (on selected models)

- Wireless controller options
- Direct-fixed wire connectivity (hardwired)
- Voice respirator modes- for sound projection/speaker modes for improved communication when operating with a respirator

Industries



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