

Professional Radio Accessories for

FIRE AND RESCUE

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



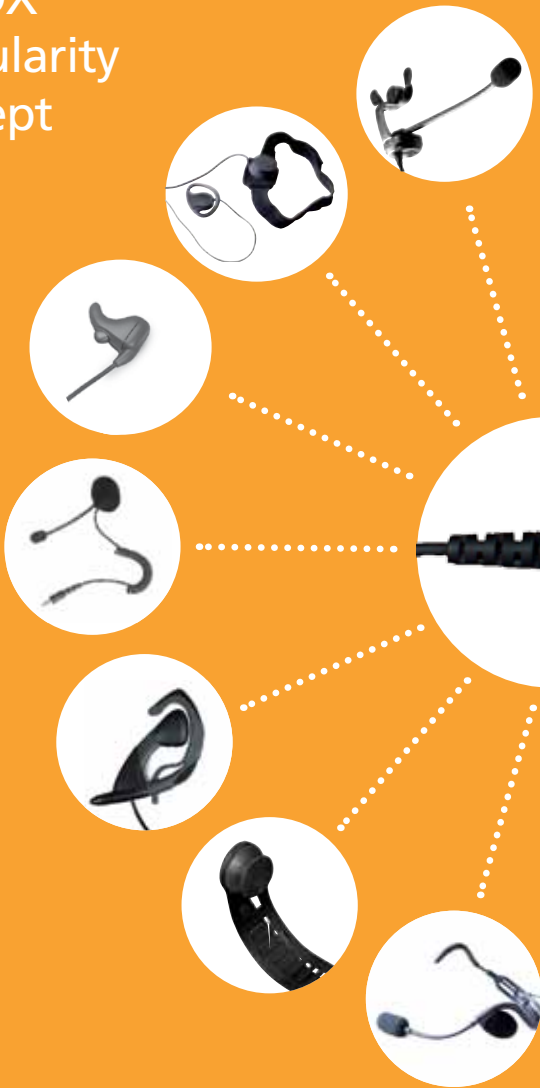
Wireless functions available



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



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-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



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



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



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



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



E-C Speaker Unit

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

FEATURES

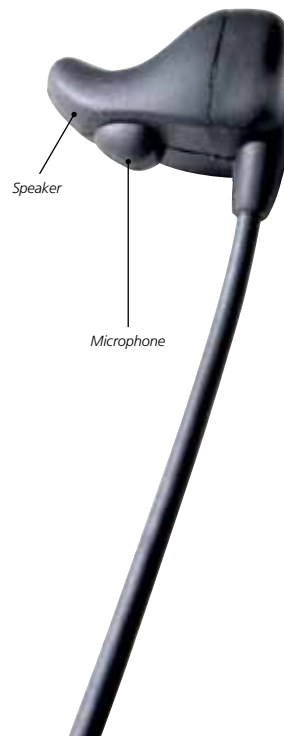
- For surveillance and police tasks
- Adaptable to both ears
- Adapts to SAVOX PTT units

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



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