



SAVOX

# TRICS<sup>®</sup>

Tactical Radio and Intercom Controller

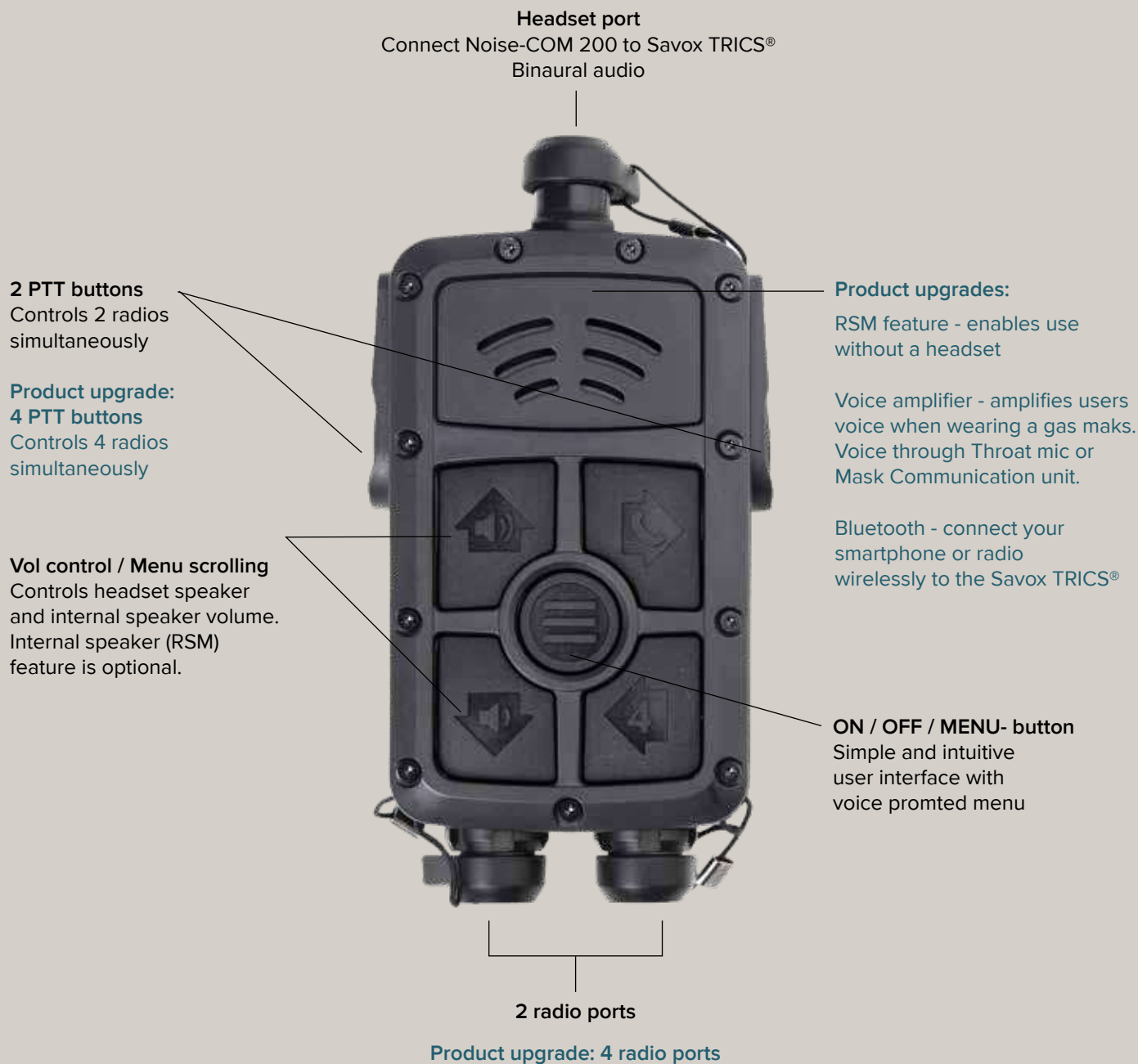
Optimized Communication Solution for Mission Critical Operations



# Versatile communication controller for radios, smartphones and intercoms

**Savox TRICS enables control over multiple communications devices simultaneously ensuring flexible audio communications between teams, which translates to enhanced situational awareness.**

The modern threat landscape is complex and tactical teams are challenged by mission scenarios demanding high-level situational awareness. The ability to respond quickly in changing environments and make informed decisions can only be achieved with a full operational overview. High-risk mission critical operations require special tactics and set high requirements for equipment. Savox TRICS® meets the communication demands of special missions by providing clear and reliable communication.



## KEY BENEFITS

<ul style="list-style-type: none"> <li>• Completely software-controlled device allows customer configurations to fit specific user requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Voice amplifier function allows communication while wearing protective gear like respirator masks and headsets</li> </ul>
<ul style="list-style-type: none"> <li>• Remote control of up to 4 different channels and devices: combine radios, smartphones and other LTE devices and vehicle intercom systems</li> </ul>	<ul style="list-style-type: none"> <li>• Information and data can be transmitted quickly and systematically</li> </ul>
	<ul style="list-style-type: none"> <li>• Voice prompted menu in several languages</li> </ul>
<ul style="list-style-type: none"> <li>• Dynamic audio routing enables users to choose the best audio options</li> </ul>	<ul style="list-style-type: none"> <li>• Silent buttons for discrete use and silent approaches</li> </ul>
<ul style="list-style-type: none"> <li>• Can be used as a regular remote speaker microphone</li> </ul>	<ul style="list-style-type: none"> <li>• Compatible with a wide range of headsets</li> </ul>

Communication  
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## **FLEXIBILITY AND EFFICIENCY WITH SAVOX TRICS®**

Savox TRICS® is a fully software configurable device that can be customized to meet various communication needs. Savox TRICS® maximizes efficiency as it allows the adaption of up to four different channels or devices and it can be integrated with platform intercom systems. The easy-to-use rugged controller is designed and tested according to MIL standards, which ensures reliable and safe use in the harshest conditions.

## **COMMUNICATION CONTROL THAT BRINGS THE WHOLE OPERATION TOGETHER**

Communication is the key factor in achieving enhanced situational understanding and awareness. Savox TRICS interconnects the command post, commander, vehicle and dismounted teams. Communications needs can also change in different mission phases, which sets further requirements for a versatile and flexible communication system. Due to its modular and flexible structure TRICS offers an optimized communication solution for mission critical operations where collaboration between teams is crucial.

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## TECHNICAL INFORMATION

<b>Market Segment</b>	Defence, Public Safety
<b>Product code</b>	K600600
<b>Size</b>	L 10 mm W 68 mm H 34 mm
<b>Housing Material</b>	Polyamide
<b>Housing Colour</b>	Black
<b>Weight</b>	215 g
<b>Operational Temperature Min</b>	-40 C (-40 F)
<b>Operational Temperature Max</b>	60 C (140 F)
<b>Ingress Protection</b>	IP68
<b>Storage Temperature Min</b>	-20 C (-4 F)
<b>Storage Temperature Max</b>	45 C (113 F)
<b>Headset Connector</b>	ODU 14P male
<b>Battery Life Time</b>	> 24 h
<b>Battery Capacity</b>	1050 Ah
<b>Connectivity</b>	Wired
<b>Use Voltage</b>	3.7 V
<b>Electro Magnetic Compatibility</b>	EMC: EN 55032 EN 55035 EN IEC 61000-6-2 EN 301 489-1 EN 301 489-17 EN 300 328 EN 62479  FCC: Part 15C and Part 15 B (Class B)  ISED: RSS-Gen, RSS-247, ICES-003 (Class B)
<b>Attachment/Fastening</b>	Clothing Clip

## TESTS ACCORDING TO MIL-STD-810G, AECTP and EN/IEC

<b>Low Temp Storage</b>	Method 502.5 Procedure I, -35°C
<b>Low Temp Operational</b>	Method 502.5, Procedure II, -40°C
<b>High Temp storage</b>	Method 501.5 Procedure I, 60°C
<b>High Temp operational</b>	Method 501.5 Procedure II, 60°C
<b>Mech Shock</b>	Method 516.6 Procedure I, Half sine, 11ms, 50m/s <sup>2</sup> , 3 tests in each direction, 6 directions
<b>Shock</b>	Method 516.5, 1.8m
<b>Salt Fog</b>	Method 509.5, 4 days, Salt fog concentration 5%, fall out rate 1-3ml/h, 24h salt fog, 24h drying, 2 cycles
<b>Environmental Tests</b>	AECTP 302 - high temperature Procedure I: Operation, AECTP 302 - high temperature Procedure I: Storage, AECTP 303 - low temperature Procedure I: Operation, AECTP 303 - low temperature Procedure I: Storage, AECTP 304 - air-to-air thermal shock, AECTP 401 - vibration Procedure III, AECTP 414 - transit drop Procedure I, EN/IEC 62262 - IK08, impact protection

## ABOUT SAVOX

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Savox Communications manufactures rugged communication and hearing protection equipment for military and tactical use worldwide. We have about 40 years of experience providing communication solutions for the modern battlefield, where access to information is critical.

Savox Communications has been ISO 9001 certified since 2005 and we aim to provide the best products and services to our customers. In addition, we are certified according to ISO 9001:2015, AQAP 2110 Ed D (selected locations) and ISO/IEC 80079-34 (ATEX / IECEx).

Our services include commissioning and training, design and engineering, manufacturing, repair and maintenance, testing, spare parts and warranty.

Savox Communications' headquarters is located in Espoo, Finland. We also have an office in Rochester, New York, USA.

For more information visit <https://www.savox.com>

# SAVOX

Savox Communications Oy Ab (Ltd)  
Keilaranta 15 B  
02150 Espoo  
FINLAND

tel: +358 9 417 411 00  
Email: [sales.emea@savox.com](mailto:sales.emea@savox.com)

[www.savox.com](https://www.savox.com)