

# C-C550 Ex

## Remote speaker microphone and PTT

Versatile communications in harsh fireground environments



The design and construction of the Savox C-C550, a combined remote speaker microphone and push-to-talk unit, prioritize both functionality and durability, ensuring reliable communication in the most challenging scenarios. It enables clear communication with or without a headset. Additionally, certain radios have the ability to remotely activate the emergency button for added safety.

## FUNCTIONS

- Two PTT-buttons; on the top and on the front
- Microphone and speaker
- Connector for Savox headset

## TECHNICAL INFORMATION

Dimensions (L/H/W)	115mm/79mm/37mm (without the clip)
Weight	Approx. 170g without radio connector cable
Fixing options	Clothing clip, rotating 180°
Material	Thermoplastics based polyamide (PA66)
Color	PTT buttons: dark blue, housing: black
Emergency button option	Available in certain models
Supply voltage	3.0...10.0VDC(0VDC for dynamic microphone)
Current drain	~0.5mA @ 6VDC

## CONNECTIVITY

Headset support	Savox Ex certified headsets with quick-release 4-pole connector (QR4)
Headset connector	Quick-release 4-pole female connector (QR4)
Radio connector cable	Fixed coiled cable
Radio compatibility and product codes	Please visit Savox website for more information

## MICROPHONE

Type	Omnidirectional
Sensitivity	-39dB ± 2dB
Power rating	Impedance

## SPEAKER

Impedance	8ohm ± 15% at 1Khz
Audio output	Max. 113dB ± 3db at 1 KHz
Power rating	2W/2.5W (nominal/max)
Distortion	Typically less than 5%

## COMPLIANCE STANDARDS

Environmental and testing	
IP rating	IP66 / IP67
Drop resistance	Drop to flat, hard surface from 1 m
Operation temperature	-40°C...+85°C
Storage temperature	-25°C...+70°C
Button switch component lifecycle	500.000 operations
Flammability rating	All materials according to UL94-V0

Military standards (MIL-STD-810)	
Dust and sand 510.5	Procedure I & II
Blowing rain 506.5	Procedure I
Contamination by fluid 504.1	Procedure II
Immersion 512.5	Procedure I
Mechanical shock , bump, 516.6	Procedure I
Mechanical shock 516.5	Procedure I
Basic hot 501.5	Procedure II
Cold 502.5	Procedure II
Vibration 514.6	Procedure I, category 24
Salt & fog 509.5	
Hot storage 501.5	Procedure I
Cold storage 502.5	Procedure I
Damp heat, steady 507.5	Procedure I
Temperature shock 503.5	Procedure I-A
Transit drop 516.6	Procedure IV
Solar radiation 505.5	Procedure II, cycle A1

Regulatory information	
ROHS	2011/65/EU + (EU) 2015/863
REACH	1907/2006
EMC	2014/30EU
Ex/IS	ATEX, IECEx
Ex classification	Please visit Savox website for more information