

# C-C550

## Remote speaker microphone and PTT

Versatile communications in harsh fireground environments



The design and construction of the Savox C-C550 prioritize both functionality and durability, ensuring reliable communication in the most challenging scenarios. It enables clear communication with or without Savox headset. It can also be used with Dräger's or MSA's mask communication units. Additionally, in some C-C550 models, there is an orange button to activate the emergency function from the radio for added safety.

## FUNCTIONS

- Two PTT-buttons; on the top and on the front
- Microphone and speaker
- Connector for Savox headset
- Additional 3.5.mm earpiece connector in certain models

## CONNECTIVITY

Headset support	Savox headsets with quick-release 4-pole connector (QR4) and with Savox headset wiring
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

## 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: red, housing: black
Emergency button option	Available in certain models
Supply voltage	3.0...10.0VDC(0VDC for dynamic microphone)
Current drain	~0.5mA @ 6VDC

## MICROPHONE

Type	Omnidirectional
Sensitivity	-39dB ± 2dB
Power rating	Impedance max. 2.2 Kohm

## 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