

## SAVOX HC-100 HELMET-COM HEADSET

SAVOX  
**CLASSIC**



Modular  
concept

Excellent audio  
performance

### Key Benefits

- Best in class audio performance
- Unique modularity - one speaker part can host four different microphone options
- The microphone part can easily be changed according to the current user need
- Adapts to Savox Classic Remote Speaker Microphones and Push to Talks with 4-pole nexus type connector jack
- Boom microphone option can be rotated out of the way when the mic is not in use
- Rugged and durable design
- Adapts to a wide range of helmets

Savox HC-100 Helmet-Com is a versatile helmet mounted headset for professionals working in hazardous conditions, designed especially to meet the communication needs of fire fighters.

Savox HC-100 Helmet-Com headset offers ease-of-use and unique modularity; the user can choose from four different microphone options. This modularity along with great audio performance makes Savox HC-100 an excellent choice for versatile tasks.

### APPLICATIONS

Ideal for professionals who wear a protective helmet, designed especially keeping in mind the various tasks of fire and emergency services personnel

- Fire fighting
- Emergency Services



### MICROPHONE OPTIONS

Savox HC-100 offers unprecedented modularity in a headset: the same speaker part can host four different microphone options and the user can choose the most suitable for the task at hand.

- Boom Microphone
- Short Microphone
- Bone Microphone
- Throat microphone



**BOOM  
MICROPHONE**



**SHORT BOOM  
MICROPHONE**



**BONE  
MICROPHONE**



**THROAT  
MICROPHONE**

### MOUNTING

Savox HC-100 is easily mounted into helmets, there are two different fixing options:

- Universal helmet adapter with unique Savox arm/strap
- MSA Gallet adapter (F1 FX helmet)

# SAVOX HC-100 HELMET-COM HEADSET

Compatible  
with Classic  
RSM/PTTs

4 different  
microphone  
options

## COMPATIBLE PTT/RSM UNITS

Savox HC-100 Helmet-Com headset connects to all Savox Classic Push-to-Talk and Remote Speaker Microphones (with QR4 quick release connector).



| Speaker housing | Mechanical  |
|-----------------|---|
| Weight          | 90g without helmet fixing parts   |
| Material        | Polyamide, TPU, Rubber  |
| Fixing          | Universal helmet fixing adapter, arm/strap, MSA Gallet F1 FX helmet adapter |
| Cable           | Length 270 mm, diameter 4.6mm, tension strenght max. 50N                    |

|            | Electrical   |
|------------|--|
| Speaker    | 320hm, Nominal 0,25W, SPL 81dB / 0,25W / 0,5m            |
| Microphone | connector, 3.5mm socket<br>Rotating microphone mechanism |

|                             | Environmental   |
|-----------------------------|---|
| Operating temperature       | -40...+80°C   |
| Storage temperature         | -20...+80°C   |
| Maximum humidity            | 90%   |
| Drop                        | tested from 2 meters  |
| Protection (dust&water)     | Powerful water jet without damaging the headset                 |
| Electromagnet compatibility | Emissions: EN 55032 (CISPR 32)<br>Immunity: EN 55035 (CISPR 35) |

| Boom Microphone                                       |
|---|
| Electret, noise cancelling microphone, unidirectional |
| Sensitivity -46 +-2dB                                 |
| Max input level 120dB                                 |
| Weight 20g  |
| 3.5mm connector, threaded nut attachment              |

| Short Boom Microphone                    |
|--|
| Electret, omnidirectional                |
| Sensitivity -39 +-2dB                    |
| Weight 12g                               |
| 3.5mm connector, threaded nut attachment |

| Skull Microphone             |
|------------------------------|
| Dynamic, vibration sensitive |
| Impedance 6500Ω              |
| Weight 22g                   |
| 3.5 mm connector             |

| Throat Microphone                    |
|--------------------------------------|
| Dynamic, vibration sensitive         |
| impedance 6500Ω, parallel 300Ω       |
| Weight 30g                           |
| 3.5mm connector                      |
| Throat band with velcro style fixing |

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