

# SWATCOM™

Hear and be Heard

## SWATCOM Slim Electronic Active

Dust protection & water resistant



Low cost external fitting batteries with 300 hours life.



Lightweight, Pocket size once folded



Noise Compression circuit limits sound to 80dB.



# SWATCOM™

Slim Electronic



Comfortable to use over longer periods of time



Comfortable Easily replaceable Hygiene Kits



Designed for extremely noisy environments



Stainless steel headband

## SPECIFICATIONS

HYGIENE KIT  
REPLACEABLE  
SEALING RINGS

ADVANCED  
WINDFILTER  
AUDIO MIC

BATTERY  
COMPARTMENT

AM/FM TUNER  
BUTTON



HYGIENE KIT MADE  
OF ABS PLASTIC

BATTERY  
COMPARTMENT

ADJUSTMENT ARM,  
MAKES IT EASY TO  
TRANSPORT

# SWATCOM™

Hear and be Heard



## SWATCOM Slim Electronic Active.

The SWATCOM Slim Electronic is a general purpose active hearing protector, for use in leisure and industrial environments.

The slim line cup is made from ABS and incorporates an easily accessible compartment for the 1.5 volt battery.

The independent level-controlled amplifiers in each cup provide enhanced hearing at low sound levels, yet provide substantial protection from both impulse and constant noise levels. The PVC covered, foam filled cushions ensure a comfortable fit and an effective sound seal around the ear.

The PVC covered stainless steel headband, and adjustable pivot system enable the wearer to achieve the correct fit over a wide range of head sizes.

The headband is designed to fold into a very compact package when the hearing protectors are not in use.

The cups may be fitted in the reversed position, at the time of manufacture, in order to fit under a hat, or ballistic helmet.

The SWATCOM Slim Electronic can be specified with an AUX socket.



Maximum input level:  
2V RMS

Maximum output level:  
220mV RMS

Output impedance  
(nominal): 220ohms

The comms connecting lead is 1.5m long with an SMB elbow plug to 3.5mm mono jack plug

COMMS SOCKET- Comms models of the Slim electronic hearing protector, DS4140 (Green) and DS4141 (Black), are fitted with a compact SMB socket. This may be used as an input from a sound source, such as a smart phone or a two way radio.

Signals coming in to this source will override signals from the built-in microphone. Sound level should be adjusted at the source i.e. mobile volume control, to give the required listening level. Excess levels will be limited for your protection, and will sound distorted.

- Low cost external fitting batteries with 300 hours life
- Noise Compression circuit limits sound to 80dB.
- Adjustable stereo sound
- Stainless steel headband
- Pocket size once folded
- Lightweight
- Built in Advanced windfillter audio mic

### THE WEARER SHOULD ENSURE THAT

- The hearing protectors are fitted, adjusted and maintained in accordance with these instructions.
- The cushions fit with a good seal around your ears.
- The hearing protectors are worn at all times in noisy surroundings
- The hearing protectors are regularly inspected for serviceability.

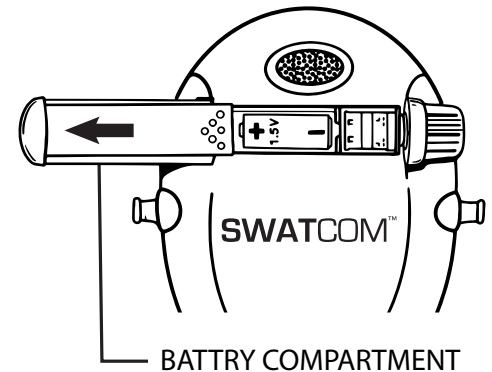


## SWATCOM Slim Electronic Active.

This hearing protector is provided with electronic restoration of external sounds. The wearer should check correct operation before use. If distortion or failure is detected, the wearer should refer to sections for maintenance of the hearing protector and replacement of the batteries. **Warning - performance may deteriorate with battery usage. The typical period of continuous use that can be expected from the hearing protector battery is 300 hours.**

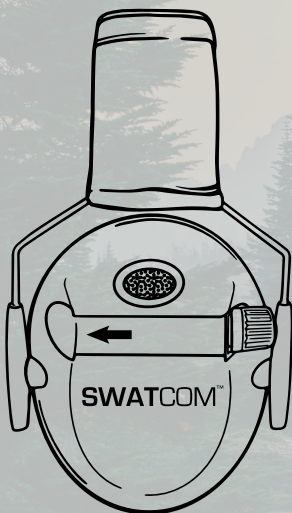
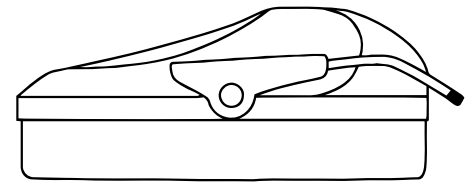
• **CAUTION!** If the batteries are inserted the wrong way round and the hearing protectors are “switched on” the batteries will quickly deteriorate, but no harm will come to the hearing protectors circuit. When the output level of the hearing protector is not satisfactory, the batteries should be replaced. Using the thumb, slide the lid away from the volume control knob to reveal the battery.

Remove the old battery and replace with a fresh 1.5 volt LRI (N-type) battery - DS4115. Always fit the battery positive (+) to match the ‘+’ marking in the battery compartment. Slide the lid back to the closed position..



**OPERATION** - The hearing protectors have volume controls that are self locking to prevent accidental switch on. To operate, push in and turn each control knob clockwise. The volume control can then be adjusted to give a comfortable listening level.

Insert a large flat bladed screwdriver into the slot between the cup and the cushion (in the position shown) and gently twist the screwdriver to lever off the cushion. Replace the foam and the cushion, ensuring that the cushion is in the correct orientation, and push the cushion firmly onto the cup. Check that it has ‘clicked’ home all around the edge..



## TEST RESULTS

RESULTS OF TESTS PERFORMED IN ACCORDANCE WITH prRN352-4: 1996

NOTIFIED BODY: Inspec Certification Ltd, Upper Wingbury Courtyard Wingrave, Aylesbury Buckinghamshire, HP22 5LW, United Kingdom

NOTIFIED BODY NUMBER: 0194

RESULTS												
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean attenuation	16.2	12.3	14.9	20.7	29.8	30.6	39.6	38.3	29	20	13	23
Standard Attenuation	6	5.1	3.9	4	4.1	2.8	4.1	3.9	Date: January 1999			
Protection Value	10.2	7.2	11	16.7	25.7	27.7	35.4	34.4	Certificate No: 679			