

INVISIO INVISIO Serenity Custom Shells Headset Black, HC01

Datasheet

Product Number:	INV17382
NSN:	5995-22-633-7462
Product Name:	INVISIO Serenity Custom Shells Headset Black, HC01
Description:	Dual-sided, custom-moulded, in-ear headset with boom mic, situational awareness & hearing protection

Specifications

Total Weight:	78 g
Colour:	Black
Immersion:	IP54
Style:	Custom moulded in-ear headset with boom mic. Custom moulds not included.
eShells Material:	Custom moulded clinical nylon
Marking:	Unique user ID on each shell
Boom Microphone:	Electret, close talk, noise cancelling, used on left or right eShell
Hear-Thru Mic:	Yes
Cable Length:	800 mm
Cable Diameter:	Earpiece: \varnothing 3.8 mm
Cable Type:	
Connector:	14-pin AMC (HC01)
IntelliCable®:	Yes
Operating Temperature:	-20°C to +60°C

Hearing Protection Results

Table 1: Custom Ear Shells

Frequency (Hz)	Mean Attenuation (dB)	Standard Deviation (dB)	APV (dB)
125	21.8	5.2	16.7
250	21.8	5.2	16.7
500	21.1	5.8	15.3
1000	26.7	4.0	22.8
2000	32.7	3.5	29.2
4000	29.8	3.4	26.5
8000	31.7	4.7	27.0
SNR=24	L=18	M=20	H=27

Table 1a:

H	108 dB
M	105 dB
L	98 dB



Audio Functionality

Rx Audio:	Stereo
Simultaneous Rx When Tx-ing:	Yes
Rx Audio when Tx-ing:	Right

Packaging

Packaging Type:	Zip lock bag
Packaging Dimensions:	170 x 250 mm
Weight (Packaged):	158 g
Denomination of Quantity (DoQ):	Each
Primary Packaging Quantity (PPQ):	1

Included

In-ear headset with boom mic
User manual