PRO-27 Communicator

Product Strapline

The complete high fidelity hearing protection, audio and communication solution.

Short Description

The PRO-27 Communicator gives you the best of both worlds whether you're working in the pit lane or just riding for pleasure with our acclaimed high fidelity audio drivers and our most robust PRO series hearing protector. The PRO-27 Communicator brings you all the benfits of our PRO-27 ear plug so you can work and play safely in extremely loud environments. We then combine this with the same technology we use in our celebrated T3 in-ear monitor, so you get incredibly clear and responsive audio that's great for both communications and listening to music. The PRO-27 Communicator keeps you protected whilst still allowing you to converse with those around you.

SRP	£299
Part Code	PRO-27C
Rev. Date	02/11

acs
serious about sound

Full Description

The complete communication solution
The PRO-27 Communicator gives you the best of both worlds with the strongest filter in the PRO series range giving you complete protection even in the most severe of environments and the same technology that we use in our T3 in-ear monitor allowing you to enjoy high fidelity audio for crisp communications and full-bodied music. The PRO-27 Communicator comes fitted as standard with our own kevlar reinforced cable for durability and, because it's moulded from soft silicone, it can be worn comfortably underneath a helmet for extended periods. The PRO-27 Communicator has been independantly tested to conform to the EN352-2 standard for hearing protection so you can be sure that it's giving you what you need to enjoy your passion or occupation safely.

The next generation of filter design
The PRO filter series has been designed anew with the wearer in mind. For starters, it's smaller than many competing filters which means it can fit into smaller ears without any protrusion which is great for both comfort and aesthetics because it will always fit snugly underneath a helmet or other headwear. The filters are also removable so you can clean and maintain your earmoulds and your filters to give you the maximum life and the best value for money from your headset. In addition, the PRO series are water resistant so they can be used outside or in high moisture environments and can withstand perspiration without it damaging the filter membrane.

The curse of the occlusion effect
Trying to create a natural sounding earplug is no mean feat as far as your own voice is concerned because, as you will have experienced, when you block off your ear canal your own voice starts to boom inside your head, this is what we call occlusion. Occlusion is caused by sound that is carried to your ear canal through the cartilage at the side of your head and usually escapes through the open ear canal so is not heard. When we block off the canal this sound cannot escape and so creates that booming effect. A large amount of occlusion can be eliminated by ensuring that the earplug sits deep enough into the ear canal to extend past the cartilage so that the sound hits the plug and is deadened rather than entering the canal at all but the PRO filters go one step further. The PRO series are vented to allow sound to pass both ways which means that remaining sound can escape directly through the filter providing one of the most natural sounding earplugs available.

Tailor made for you
The PRO-27 is custom-made using soft medical-grade silicone so you get the very best in isolation and fit allowing you to wear it for hours at a time without fatigue or discomfort. Each earpiece is manufactured to the highest standards ensuring you get a comfortable, discreet and effective hearing protector and communication system that can be fitted quickly, easily and securely every time.

NOTE : Other filters in the PRO series may not be used with the PRO-27 Communicator.

ACS, Unit 22-23 Beaumont Close, Banbury, Oxfordshire, OX16 1TG - Tel : 01295 266665

PRO-27 Communicator

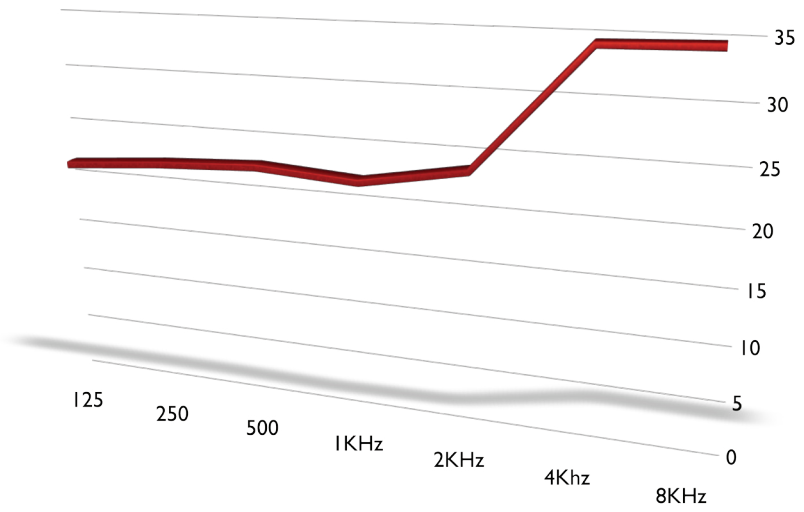
Technical Specification

SNR (Single Number Rating)	27dB
High Spectrum Average Attenuation	26dB
Mid Spectrum Average Attenuation	24dB
Low Spectrum Average Attenuation	23dB
Frequency Response	16Hz ~ 20kHz
1kHz Sensitivity	102dB @ 0.1v
Optional Accessories	Extension Cable
Weight	14g Net | 94g Gross | Average weight will vary according to ear size
Build Material	40 Shore Medical Grade Silicone
Mould Type	Canal Mould
Standard Colour	Clear
Included Accessories	Instruction Leaflet, Wax Pick, Comfort Cream, Carry Pouch
Optional Accessories	None
Package Dimensions	170mm x 125mm x 28mm
Warranty Period	1 Year against manufacturing and component failure
Attenuation Determined By	BSI Product Services (0086), Maylands Avenue Hemel Hempstead, Herts, HP2 4SQ

Build options

Colour (Clear Default) - SRP £10	May be produced in colours from our current colour chart
Laser Etching (None Default) - SRP £10	May be laser etched up to 10 characters
Cable Choice (Translucent Default)	May be produced with any cable from our current range

Attentuation



Mean Attenuation (M in dB)	24.53	23.91	26.72	25.63	27.97	36.56	38.75
Standard Deviation (S)	2.62	1.28	3.62	3.10	3.79	2.02	3.98
Assumed Protection (APV in dB)	21.91	22.63	23.10	22.53	24.18	34.55	34.77
SNR (dB) 27	L(dB) 23		M(dB) 24			H(dB) 26	

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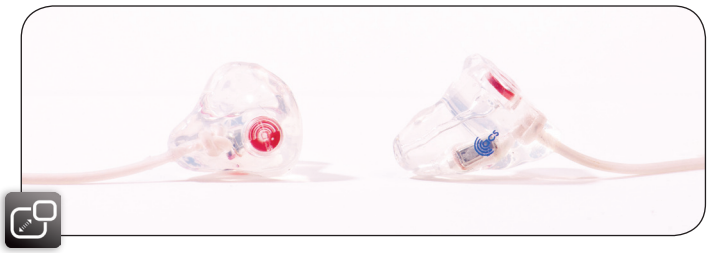
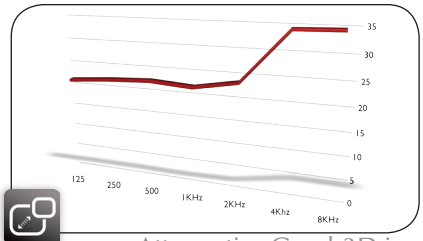
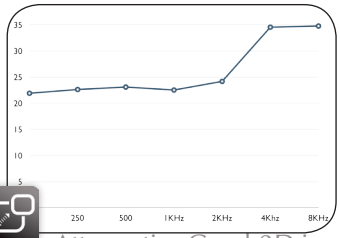
Image Library





AttenuationGraph3D.jpg



AttenuationGraph2D.jpg

PRO-Logo.jpg

PRO-LogoWhite.jpg