

PRO-26 Communicator

Product Strapline

Robust protection with a natural response and integrated high fidelity speakers.

Short Description

The PRO 26 Communicator offers the best of both worlds combining our flat-response high-noise hearing protection with the same high-fidelity speakers as used in our T3 in-ear monitors. The PRO 26 Communicator allows those working in high noise environments to stay in touch and in tune with their surroundings and also connect to monitoring and communications systems with confidence for crystal clear communications and highly accurate monitoring. The PRO 26 Communicator gives you control of your sound environment and allows you to perform in complete comfort and safety using the most natural filters and speakers available.

Part Code PRO26C

Rev. Date 1/12



Full Description

Hear everything you need to and nothing you don't

The PRO 26 Communicator is a revolution in in-ear monitoring and communication solutions offering both hearing protection and audio playback of the highest fidelity. The PRO 26 filter gives optimum protection in high-noise environments keeping all the frequencies your hear in perfect balance but at safe levels, using the latest filter design techniques it also keeps your own voice sounding perfectly natural, aiding communication. For audio playback the PRO 26 Communicator uses the same highly accurate speaker that we use in our T3 custom in-ear monitor giving you rich and detailed sound for both vocal communications and music monitoring making it perfect for all kinds of audio sources, finished with a 3.5mm stereo connector you'll also have no trouble connecting it to whichever equipment you like. The PRO 26 Communicator gives you the ability to work in confidence in the loudest of environments knowing that what you hear is precisely accurate whether it's your audio feed or the sound in the world around you.

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. The filters are also user-swappable so you can chop and change as your environment demands to any other filter in the PRO range giving you complete control over your protection with just a single set of earmoulds. 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 26 Communicator is custom-made using soft medical-grade silicone so you get the very best in isolation and fit allowing you to wear them 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 that can be fitted quickly, easily and securely every time.

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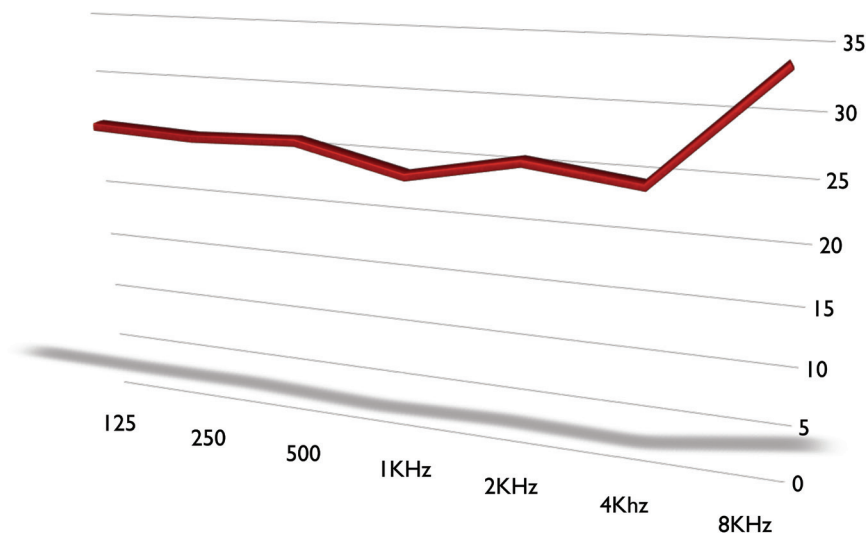
Technical Specification

SNR (Single Number Rating)	27dB
High Spectrum Average Attenuation	26dB
Mid Spectrum Average Attenuation	25dB
Low Spectrum Average Attenuation	25dB
Frequency Response	16Hz ~ 20KHz
1kHz Sensitivity	102dB @ 0.1v
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	Extension Cable
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

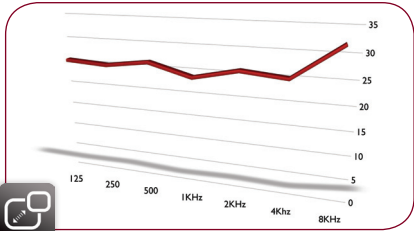
Attenuation



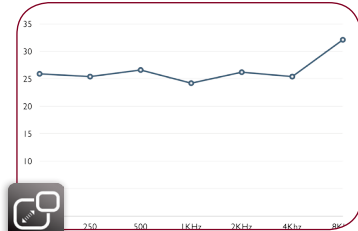
Mean Attenuation (M in dB)	29.4	28.3	30.0	27.7	28.8	30.0	39.7
Standard Deviation (S)	3.2	2.5	3.9	3.7	3.0	5.3	5.8
Assumed Protection (APV in dB)	26.2	25.8	26.1	24.0	25.8	24.7	33.9
SNR (dB) 27	L(dB) 26		M(dB) 25		H(dB) 25		

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Image Library



AttenuationGraph3D.jpg



AttenuationGraph2D.jpg



PRO-Logo.jpg



PRO-LogoWhite.jpg