



## DM Series

Our top line flat attenuating filters, for the Pro user

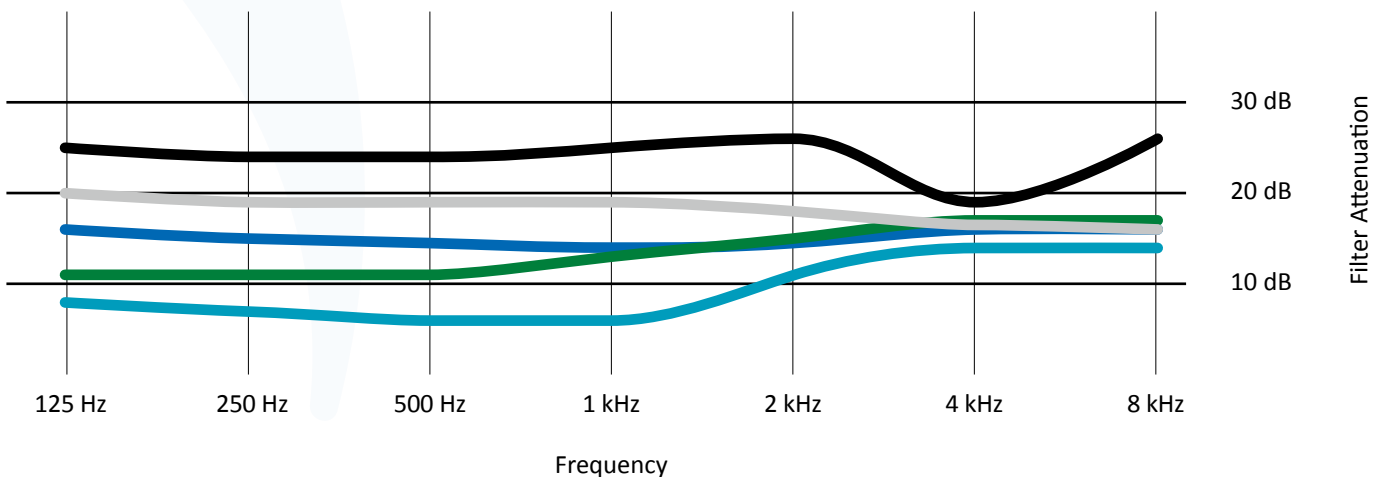
Offering outstanding acoustic performance in a discrete miniature design, the DM series have originally been developed for professional musicians and music lovers. Nowadays they DM series are also used during many industrial applications where hearing protection and clarity of sound and speech is vital for the workers safety. Normal earplugs have a tendency to provide too less attenuation in the lower frequencies and too much attenuation on where it's not required; this is due to the use of cheap materials and lack of acoustic design. This unequal reduction of sounds results in muffled speech and sound coming through in an unnatural way.

The DM filter uses membranes according to our patented membrane technology. Since the membrane is made of a breathable material, this leads to optimal breathing of the filter keeping the ear canal cool and providing all day comfort. The advanced membrane is tuned to maintain natural hearing whilst speech being clearly heard. Another feature of the membrane is the pressure regulation properties; this provides extra comfort during flying and is therefore this is the ideal filter to be used by flight crew and travellers. This DM Filter is suitable for a wide range of applications, especially if the noise source is at a constant level across the frequency range. Users include; musicians, sound engineers, aircraft crew, production workers and racing teams.







The DM acoustic filter range has been developed for use in both custom earmoulds (soft or hard) and universal earplugs. The DM filter is fully interchangeable with the DI- and DR filter series and DS earphones from the Dynamic Ear Company.

### Acoustic Specification

DM 25 Black DM 20 White DM 16 Green DM 15 Blue DM 10 Ocean



## Acoustic specification

DM Series	H	M	L	SNR	NRR
 DM 25 Black	19	19	18	20	16
 DM 20 White	15	18	18	17	10
 DM 16 Green	16	13	12	16	9
 DM 15 Blue	15	13	12	15	7
 DM 10 Ocean	10	6	6	10	2
 DM Switched (optional), closed mode	27	22	20	25	18

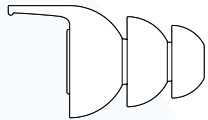
Attenuation is calculated according to CE norm EN-352-2 by ISO 4869.2 for high (H), medium (M), low (L) frequency level and as the single number rating (SNR). NRR is calculated according to standard ANSI S3.19-1974. Filters certified in custom earmoulds may achieve different attenuation values depending on the fit and/or the shape of the acoustic canal.

## Ear tip colours

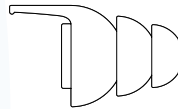


Black, White, Clear Transparent, Grey Transparent, Blue Transparent, Brown, Pink, Orange, Yellow, Green.

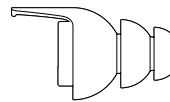
## Ear tip dimensions



X-Large  $\varnothing$  14,8 mm  
scale 1:1



Large  $\varnothing$  13,7 mm  
scale 1:1

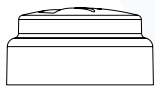


Medium  $\varnothing$  12,2 mm  
scale 1:1



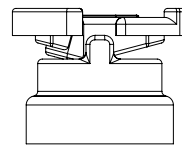
Small  $\varnothing$  10,7 mm  
scale 1:1

## Filter dimensions



$\varnothing$  6,5 x 3,5 mm  
scale 3:1

## Total Block Switch dimensions (optional)



$\varnothing$  6,5 x 6 mm  
scale 3:1