



Q



In Canal Monitor – Q



BRAND STORY

Advanced Acoustic Werkes (AAW) is a Singapore based electric-acoustic company specialised in in-ear monitoring technology. AAW is recognised by the audiophile and professional community for our exquisite hybrid drive technology and bespoke custom in-ear monitor products, during which course we have successfully attracted a diverse clientele consists of pro-musicians, audio engineers as well as serious audiophiles. We have accumulated vast experience and expertise in sound engineering and human ergonomics by working closely with several otolaryngologists as well as professional musicians.

Now we have applied our knowledge in developing the best in-ear monitors available today. Investments have also been made to build a dedicated production facility for our universal range so that we have absolute control in quality assurance and engineering precision. We surely hope the Nebula One will deliver an unforgettable experience for your listening pleasure and we shall remain committed to develop more exciting audio products for the years to come.

Best Regards,

Kevin Wang, Co-Founder
Managing Director, AAW

Dr. Grace Wang, Co-Founder
Technology Director, AAW

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Overview

Designed to be the smallest audiophile earphone in the world, Q is a feat of precision engineering, advanced acoustic tuning, human ergonomics and audiology research.

The ICM Concept

Q forms its own unique class in the earphone world, which is depicted as 'In-Canal Monitor' or ICM. The patent pending design sees Q in a staggering micro size of 8.8mm in length, 6mm in diameter and weighs less than one gram per side. It is coupled with a proprietary designed silicone ear tip, approximately 70% of the Q's body sits inside the auditory canal. Furthermore, the 6mm dynamic driver places itself in the front cavity of the acoustic chamber and the diaphragm spearheads the entire acoustic system, which makes the membrane to membrane distance minimized to a degree of less than 20mm. Such close proximity reduces unwanted resonance on the high frequency to produce a coherent and smooth treble while maintains excellent extension. Q is almost invisible when fully inserted, the smaller space in front of the diaphragm also reduces decay in bass energy and more accurately presents the deepness feeling in the bass realm. Despite the miniature size, Q offers a full



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bodied and organic sound, with deep impact and spatial sound stage.

The 6mm Dynamic Micro Driver

The AAW in-house developed 6mm driver is stainless steel bodied with ultra-thin bio-composite diaphragm. The center ring of the membrane is more rigid, coupled with lightweight voice coil allows faster movements and improves high frequency extensions. The outer ring is more tenuous configured so it moves air in higher amplitude and in turn offers better bass response. The tonality is specially tuned with in-canal application in mind. It is capable of extending to both extremes of the sound frequencies (10Hz to 40kHz).

Build and Ergonomics

Q's acoustic body is completed constructed in stainless steel. It is milled to such precision that the outer shell is of 200-micron thickness, it enables Q to maintain such a petite footprint so it is adaptable even for the smallest ear canals out there. The stainless steel material ensures hardness and durability is maintained despite the ultra-thinness. The Y-split and 3.5mm connector are built in the same fashion for everlasting life span. Since Q is made to be deep canal fit, AAW has put every effort in minimizing the cable microphonic effect while delivering an unparalleled sonic performance. Q's cable can be worn straight down or over-ear, paired magnetic cable clip, cable noise is kept at bay.

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Cable

Q's cable is designed to be ultra-flexible and sheathed with high quality nylon sleeve for the longevity and at the same time to be aesthetically pleasing. The conductors are made of premium grade Oxygen Free Copper, strengthened with tensile nylon strands. It ensures precise signal transmission and rich detail retrieval, providing immense clarity over the sound realm with better depth, width, image focus and finer low range resolution.

Accessories

Being deep canal fit, right sized tips for Q are critical for a perfect fitting. Q comes with 3 pairs AAW proprietary designed silicone tips and 3 pairs of memory foam tips in various sizes. These tips are specially configured to have a special stem which hosts the Q's stainless body and places the ICM firmly in ear canal. The memory foam tips expand to fit ear canal space and soften when in contact with body warmth. Q is also supplied with a magnetic cable clipper to fixate cable onto clothing to further eliminate cable noise. Standard flight adapter and 3/8" to 1/8" adapter is included as well. AAW has designed a premium leather pouch to holster Q, it is slim and compact to carry around and with cable management built in. A uniquely designed leather cable clip is also included to further eliminate cable noise.

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Spec

Impedance:42ohm
Frequency Response:10Hz-40KHz
Sensitivity:113dB
Input Power:3mW
Cable Length:1.27 meter

Where to Buy

We have dealer network across the globe. To locate a dealer near your location, please access our website for more information: www.aaw.me/where-to-buy.html

Media

: www.aaw.me : support@aaw.me

: fb.com/acousticwerkes

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