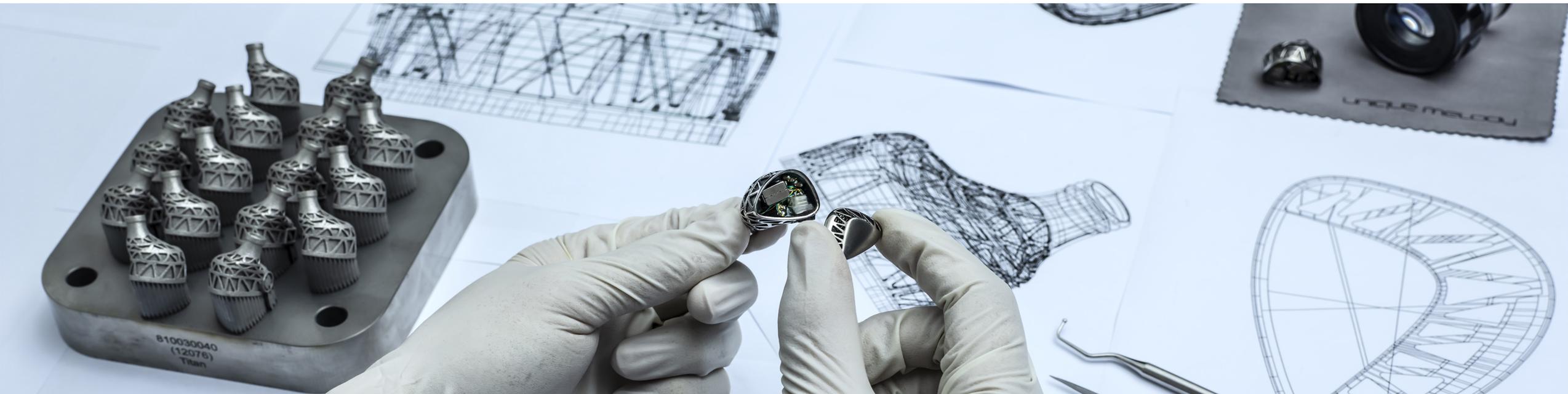


UMA

2018 Winter



Ti Brings the Best Intimacy

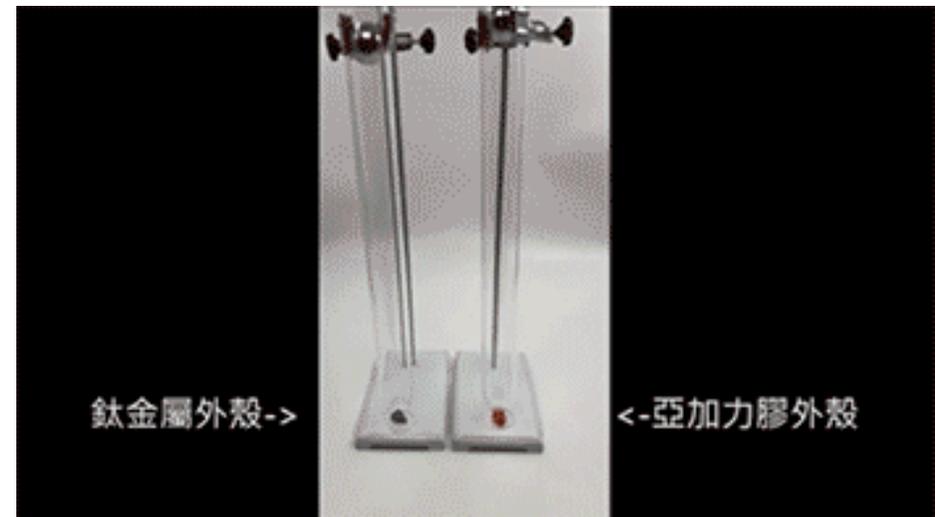
Safe: Medical grade titanium shell - Corrosion and allergy resistant.

Thin: The 0.2mm thick shell, which is 1/6 the thickness of traditional acrylic shells, allows for smaller shells and better ergonomics.

Solidity: 4 times the regular density of acrylic shells.

Durability: 15 times the strength of acrylic shells provides immense resistance to drops and pressure.

Temperature: 1/2 the thermal conductivity of stainless steel and 1/30 the thermal conductivity of aluminum alloy shells means the shell is comfortable to wear in all weather conditions.





3D Printed Titanium: Turning Design into Reality

12 months of 3D structural research

120 prototypes to balance beauty and fit

1200 layers of high-accuracy 3D structural layers

2400 degrees Celsius high temperature required for our powder laser sintering technology

24 hours of high-precision 3D-printing to materialize the shells

Titan & 3DP
Designed by **Unique Melody**

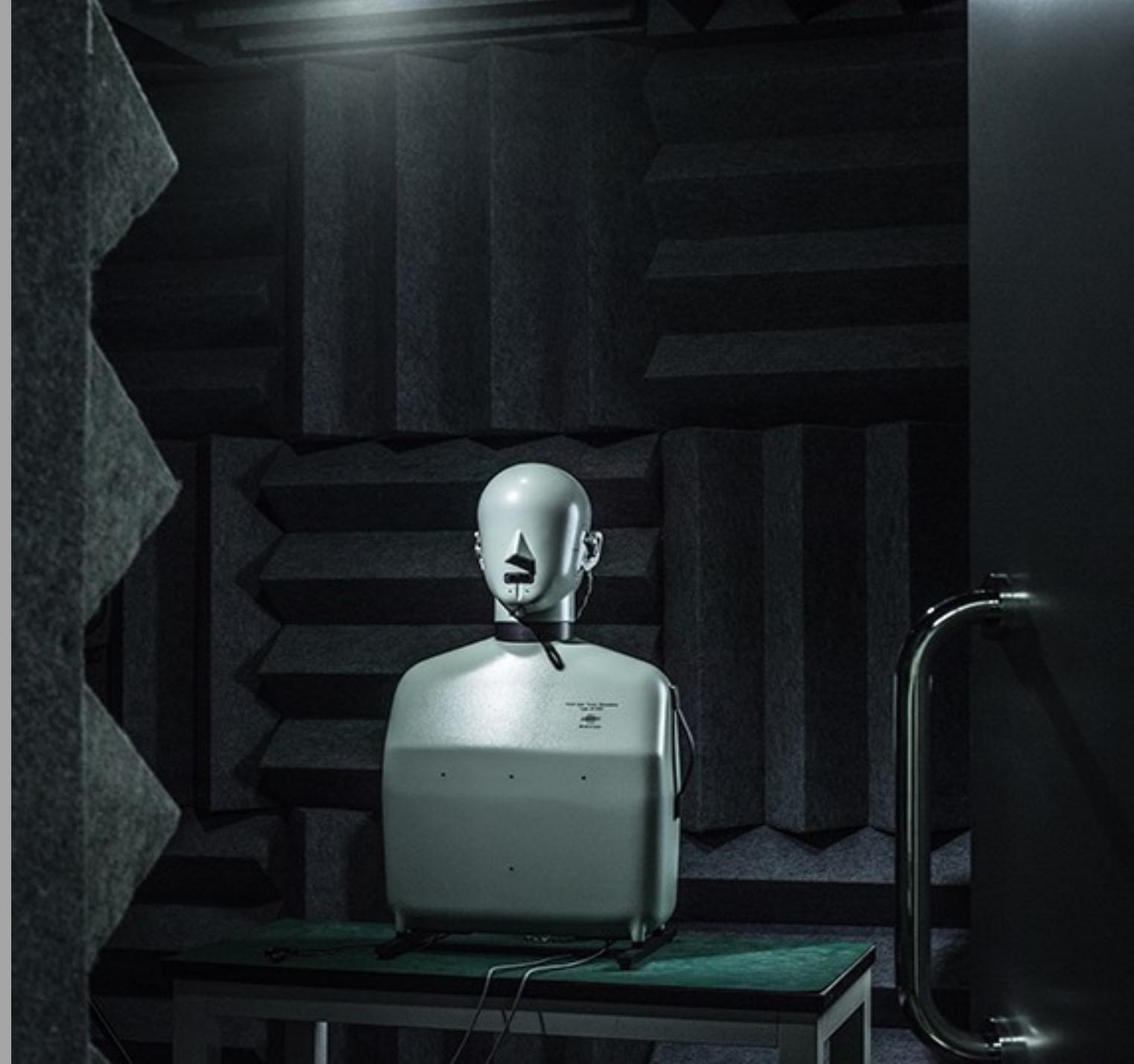


Ti Brings the Ideal Sound

Sound Absorption Coefficient is extremely low, resulting in minimum acoustic interference.

Sound insulation quantity is very high, which minimize the interference between drivers.

Titan & 3DP
Designed by **Unique Melody**





Handmade Processes Bring the Best Out of Titanium

12 months of experience needed for each craftsman
12 hours of processing time needed for each pair of Ti shells
12 steps process needed to finish each Ti shell
12 units is the maximum number our lab can produce each week

Titan & 3DP
Designed by **Unique Melody**



MAVEN

Ultimate sound

Ultimate ergonomics

Ultimate durability

Ultimate complexity

Dual layer faceplate and shells

Titan & 3DP
Designed by **Unique Melody**



MAVEN

Specifications

Drivers	11BA per ear 4 low + 2 mid + 4 high + 1 custom semi-open BA for T.F.A.T.
Sensitivity	@1KHz 108dB
Impedance	26Ω
Frequency response	20Hz-25KHz



MAVEN

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Using BA drivers customized for specifically for UM

Titan & 3DP
Designed by **Unique Melody**



MAVEN

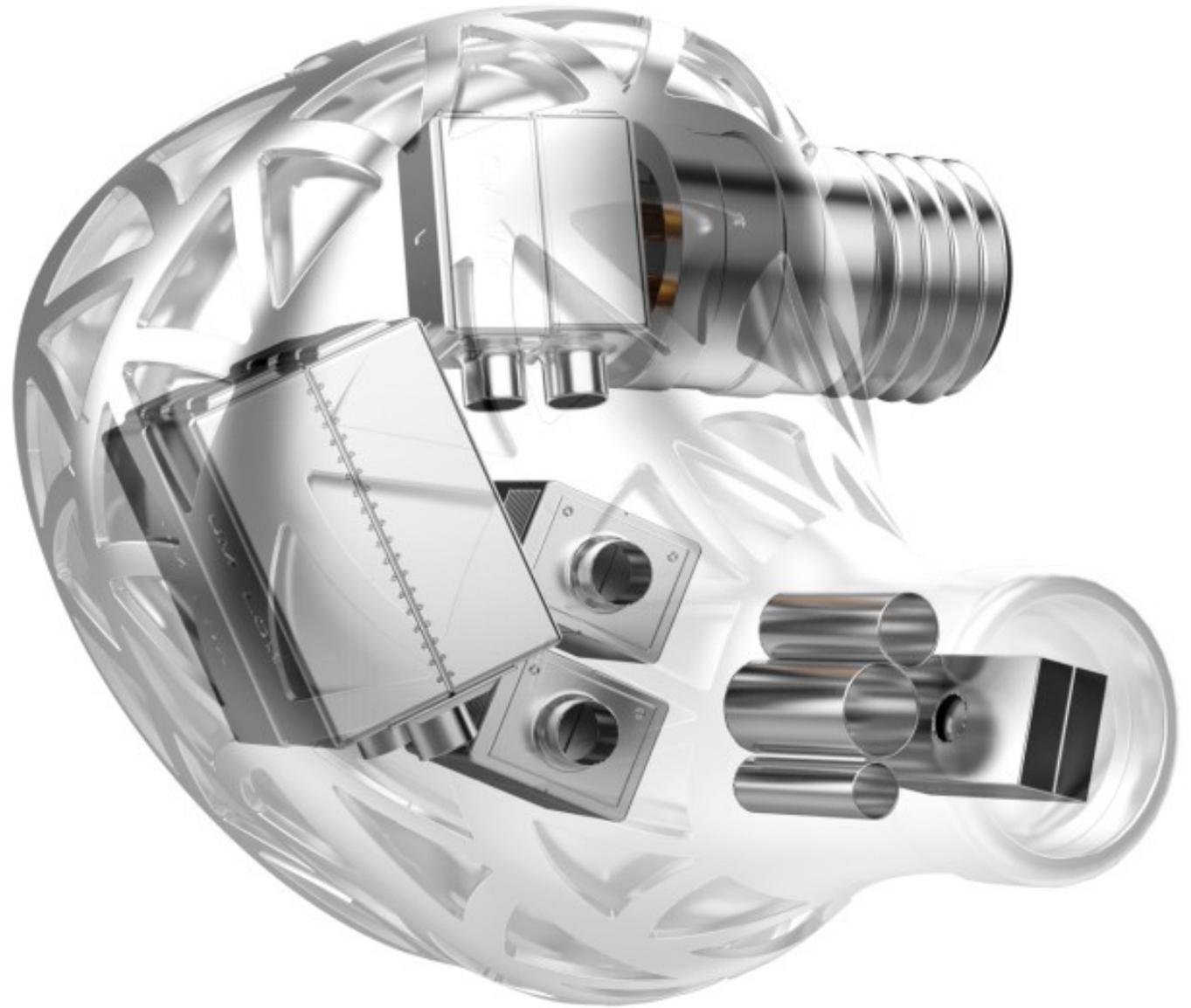
Unique Tuning Technology

Customized semi-open BA for tuning at the canal

Patent-pending Targeting Frequency Adjustment Technology (T.F.A.T.)

Low sound absorption from titanium housing

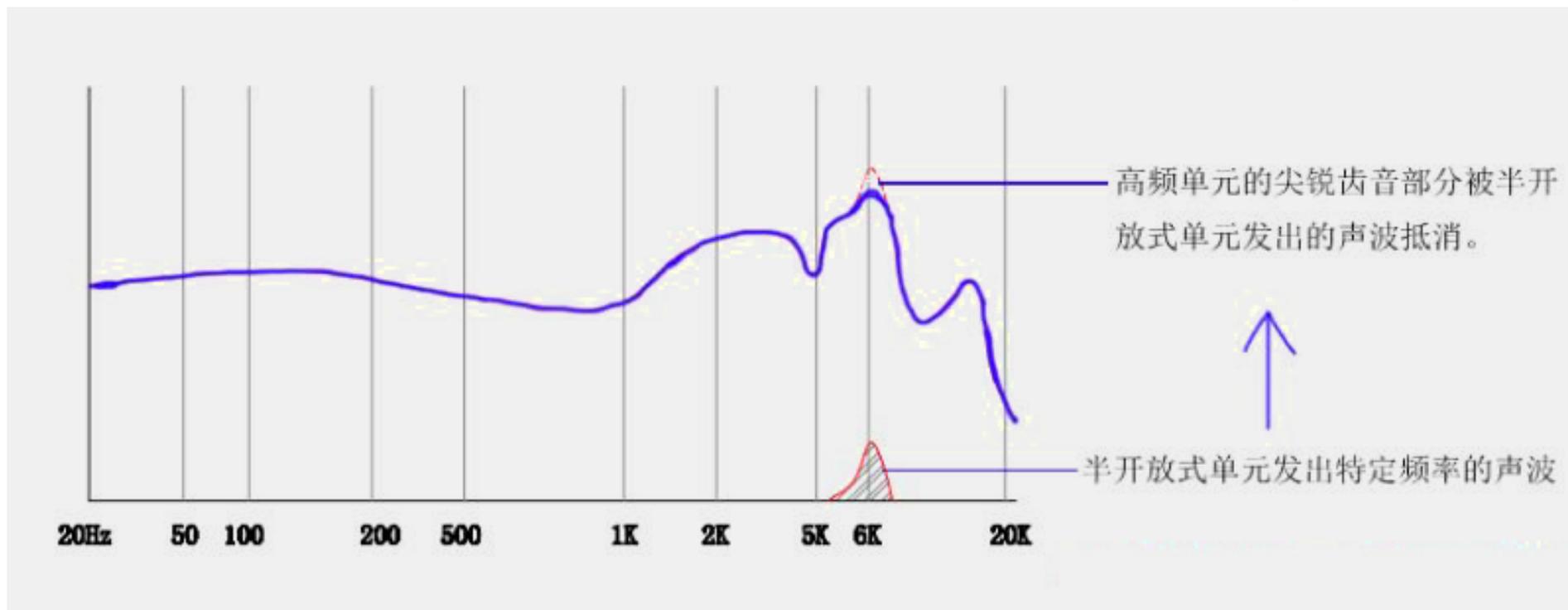
Titan & 3DP
Designed by **Unique Melody**



MAVEN

Targeting Frequency Adjustment Technology

When a small frequency peak is far from the crossover point, it is difficult to eliminate the peak by adjusting the cross-over points, resistor dampers, internal shell shapes, sound tube length, etc. Targeting Frequency Adjustment Technology makes use of the semi-open BA driver in the canal area to produce specific frequencies that are anti-phased to the particular frequency to erase the unwanted peak.





MIRAGE

New design of appearance and sound
Simple combination of drivers

Titan & 3DP
Designed by **Unique Melody** 

MIRAGE

specifications

Drivers	3BA per ear 1low + 1 custom open mid (extend to low and high) + 1high
Sensitivity	@1KHz 104dB
Impedance	23Ω
Frequency response	20Hz-20KHz

MIRAGE

BA driver that is customized for specifically for UR

← knowles

Titan & 3DP 
Designed by **Unique Melody**





MIRAGE

Unique tuning technology

Customized fully-open BA

Low sound absorption and high sound isolation from titanium housing

Full frequency Zero-Resonance Directional Transmission (Z.R.D.T.)

Driver delivers sound directly to ear canal

Titan & 3DP
Designed by **Unique Melody** 



MAVEN

2000USD



MIRAGE

1000 USD



THANK YOU!

unique melody