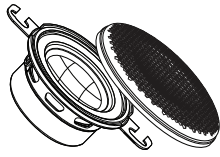


2.8

2.8-INCH



HIGH INTENSITY MAGNET

The high intensity magnet centrally mounted allows for very small dimensions and footprint, making it incomparably easy to install in factory locations.

ORIGINAL MOTOR STRUCTURE

The proprietary motor design has been carefully optimized using extensive FEA modeling to minimize THD, IMD and related hysteresis of the magnet's iron.

MOUNTING DEPTH

The Raven 2.8 mounting depth is only 30.4 mm (1.2 in).

VERSATILITY AND DURABILITY

All metal surfaces have a special multi-coat treatment for salt water protection. While we do not claim "marine grade", all Raven Design Studio speakers and drivers are designed, engineered and finished to withstand any environment. They can safely be used in cars, bikes, boats, ATVs, planes, homes. All seasons. All terrains. We consider this a minimum requirement.

GRILLE INCLUDED

Grille and ring are included in box.

KEY FEATURES

DESIGN GOALS

The Raven 2.8 has been designed in accordance to the needs of the most skilled and knowledgeable installers in the nation (USA). Its performance is fully optimized for installation in factory dash locations, with sound reflecting off the windshield.

SUPERIOR SOUND QUALITY

The 2.8 is second to none in terms of sound quality and dynamics when it comes to approaching live music in your car.

RIGID INVERTED DOME

The extremely rigid inverted 50mm dome, a proprietary layout of variable thickness compressed carbon fibers, offers extended frequency response just like the best and most expensive hard domes of our world (beryllium, ceramic, etc...) but thanks to its uniquely high internal damping material we managed to get very low distortion and musicality together with high mechanical reliability (it won't crack or break).

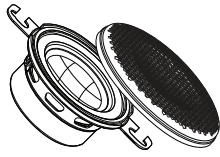
UNIQUE CONFIGURATION

Thanks to the unique design of the whole moving assembly in combination with the introduction of a special Ferrofluid, the 2.8 is designed without a spider. This rare configuration requires special attention, but when correctly implemented offers a unique character of natural presence in this all so important spectrum. Ferrofluid is incorporated to minimize voice coil temperature, compression and rocking.

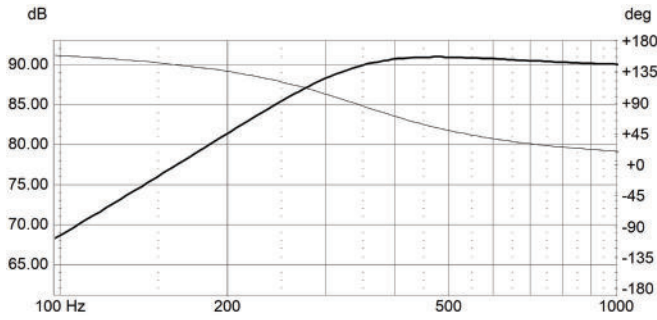


2.8

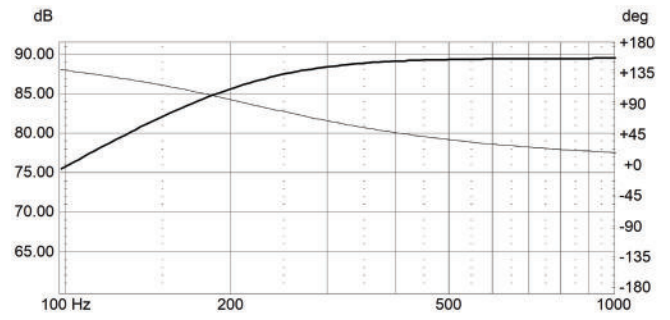
2.8-INCH



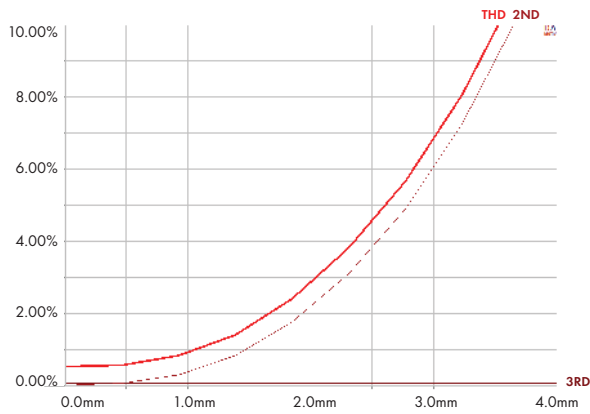
SEALED ENCLOSURE (MINIMUM)



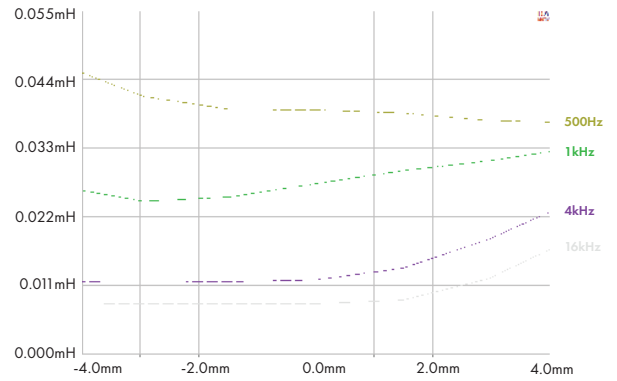
SEALED ENCLOSURE (BEST)



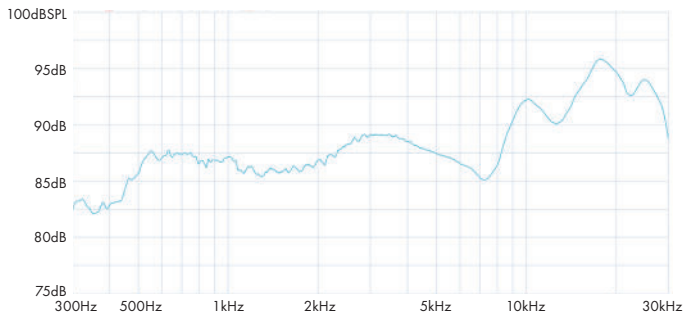
THD VS EXCURSION



INDUCTANCE VS FREQUENCY VS EXCURSION



FREQUENCY RESPONSE



IMPEDANCE

