

# Sound Pack Configurator



OEM sound system upgrade for:

**BMW // 3 series**

Limo/Sedan (E90) // 2005 - 2011

**BASE SOUND SYSTEM**

R

Recommended

5

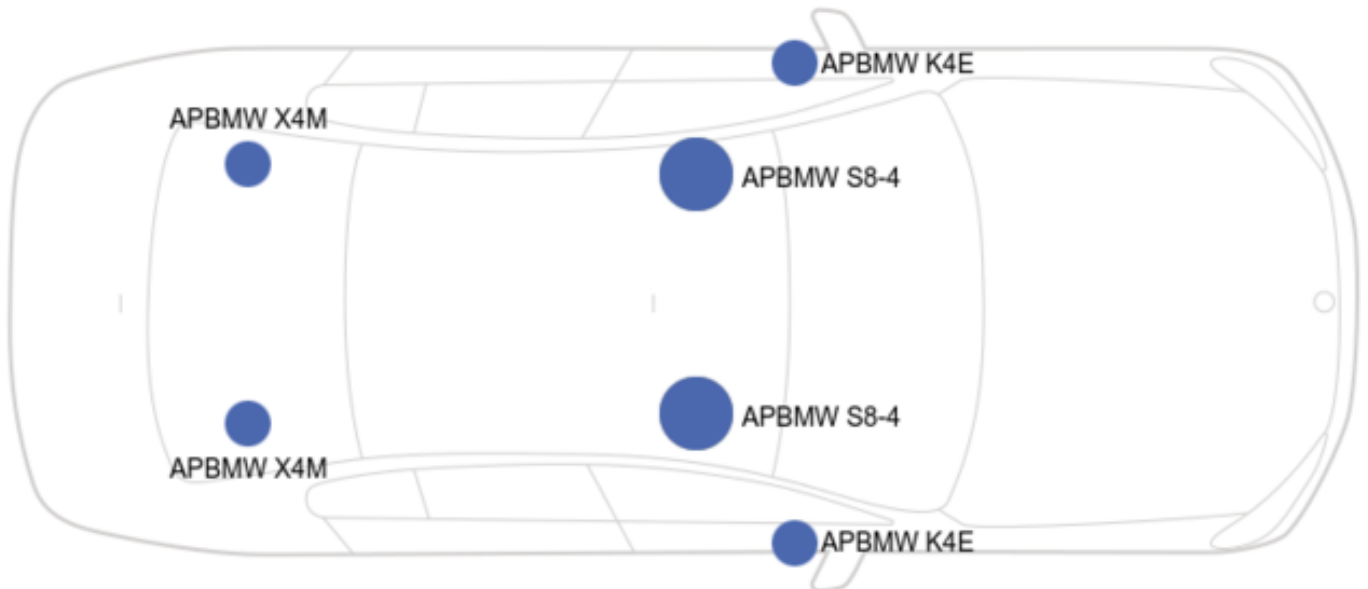
Upgrade Level

## ! Important notices

1) In case of a configuration including the 2-way kits, please note that it is compatible only with cars that have the OEM placement for the front tweeters as standard. Otherwise, the OEM placement for tweeters must be purchased from an authorized BMW® dealer in order to install the Audison Prima BMW tweeters of the K4E and K4M 2-way kits. 2) The amplifier leads to an excessive amplification for the service signals (parking sensors, door opening, turn signals etc&#8230;). It is suggested to check the settings menu of the OEM head unit and to set their volume level at the minimum possible. If the attenuation is still insufficient, please contact the vehicle dealer. 3) In case of vehicles equipped with an ASD system the amplification of the engine sound is excessive. Depending on the vehicle model, the user can add an AP H ASD BYPASS harness to bypass that system, or disable that function with dedicated softwares. If these options are not available, please contact the vehicle dealer.

## FRONT + REAR + SUB4ohm

Large basket 2way front + Small basket coax rear + SUB4ohm underseat



## Components

## APBMW K4E

2-way system for BMW-MINI

**Quantity:** 1

**Position:** Front door

**Description:**

Audison has engineered this BMW upgrade component set with 100mm midranges, 29mm Tetolon textile-dome tweeters, and matching crossover filters. The midrange and coaxials are available in both 3-post frame sizes used by BMW and MINI. Connection is plug-and-play. These speakers can be used as replacements with OEM amplification, but the best results are attained when used in a system upgrade that includes Audison Forza bit amplifiers and Prima BMW integration harnesses.

**Tweeter:** The Audison BMW tweeter has the largest dome of any BMW replacement tweeter – while still snapping into the same mount as the OEM tweeter. The Audison 29mm dome has 34% more surface area than a 25mm dome, and that means more output, a lower resonant frequency, and greater low-frequency extension. Most BMW replacement tweeters have 25mm domes – only Audison offers this improved performance. Audison R&D used a Tetolon silk/Cotton blend for light weight and improved damping. The tweeter uses an inline crossover filter in plug-and-play upgrade applications, and can also be used in fully-active configurations. An adapter is included to fit this tweeter into certain rear-deck fitments, where the stock tweeter is angled forward.

**Midrange:** This 100mm-class midrange uses a cast-aluminum frame, and is designed for BMW and MINI fitments. Connection is plug-and-play. The neodymium-alloy magnet provides more motor strength in a smaller package, permitting fitment into the shallowest BMW doors. The vented rear pole assists with cooling and improves power handling. For some models, an optional door mounting adapter is available.



## APBMW S8-4

Subwoofer for BMW-MINI

**Quantity:** 2

**Position:** Front underseat

**Description:** Subwoofers have been designed with electro-acoustic parameters that maximize performance for the factory box available below the seats. The ABS plastic basket, reinforced with fiberglass, and the acoustic structure featuring a front magnet, provide for a minimal installation depth for a perfect compatibility with the whole range. Two 5 mm polyurethane gaskets, supplied, **allow the subwoofer to fit perfectly to the box, decoupling it from vibration.** The 200 mm (8") APBMW S subwoofers allow a "direct replacement" of the OEM speakers underneath the front seats, making the most of the factory acoustic load and generating deep and crisp low frequencies. You can choose between **S8-2 with 2 ohm impedance and S8-4 with 4 ohm impedance** for improved system composition versatility. In fact, in the mid-high passive filtered system configuration, with the crossover provided, **4 of the 8-channels of the AP 8.9 bit can be configured in bridge mode delivering 130W rms to each S8-4 installed under the seat.** The S8-2 can be used in a fully active, multi-amplified front system, maximizing the **power of the AP 8.9 bit at 2 ohms**, and employing additional 2 channels for the rear system. **The Neodymium magnet used on S8-4 and S8-2 allows for greater power and control** than ferrite, while maintaining the depth of installation unaltered.



## APBMW X4M

Coaxial for BMW-MINI

**Quantity:** 2

**Position:** Rear shelf

**Description:** The APBMW X coaxials have been designed for BMW-MINI models that do not allow the installation of a two-way system on the front or the upgrade of the rear system. The 100 mm (4") APBMW X4M, with basket and fixing screws dedicated to the specific car model, feature a **water-repellent pressed-paper cone for natural and color-free mid-range frequencies.** The 20 mm coil and Tetolon dome tweeter, a material boasting lightness and damping properties, offers **optimized dispersion features for OEM placement**, elevating the sound stage to a realistic level.

