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## Navigation system

The top-of-the-line system from Audi puts the brand in the pole position when it comes to multimedia. The MMI navigation plus is available for the large models, but is also available in a very similar form for the compact A1 (Combined fuel consumption in l/100 km: 7.1 - 3.8; Combined CO<sub>2</sub>-emissions in g/km: 162 - 99)\*\*.

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All functions, including the DVD drive, are integrated in the main unit – the central computer in the center console. Audi owners can use a third of the 60 GB hard drive as a jukebox holding up to 4,000 songs. The hard drive also stores the navigation data. Two processors ensure that all applications such as navigation, voice control, telephony and audio remain fast and fluid when used simultaneously.

A dedicated graphics processor from market leader Nvidia generates the three-dimensional images in high resolution and high quality. The map is a topographic 3D terrain model with shading, tunnels and bridges. Many European cities are also available as 3D models, with distinctive buildings and attractions shown in richly detailed textures.

If desired, an automated zoom feature always shows the driver the most relevant section of the map, and route guidance now offers the choice between the classic arrow and a new, animated graphic with a large quantity of detailed information. It presents detailed maps of intersections, exit ramps and helpful tips for the current route.

A second block in the MMI navigation plus, the radio unit, combines the functions of tuner and sound system. A central interface connects the radio unit and the main unit to the vehicle network. All the components have been developed according to strict specifications from Ingolstadt. The Audi quality standards were as uncompromising as ever because the electronics used in a car have to be able to withstand extreme temperatures and vibrations.

In some models, the MMI navigation plus includes the MMI touch. A great many of its functions can also be controlled using an advanced voice control system that understands complete words, not just individual letters. Places and roads can now be spoken as commands, and it can even be used to access music data conveniently.

\*\*Figures depend on the tires/wheels used.



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Status: 2011