
Head-up display

The head-up display is a new, high-end feature that Audi makes available as an option in the A6 (Combined fuel consumption in l/100 km: 9.8 – 4.9; Combined CO₂-emissions in g/km: 229 - 129)** and A7 Sportback. It projects the most important information and indications onto the windshield. A TFT liquid crystal display backlit by a white LED generates the color image. Two aspherical mirrors enlarge it and redirect it while compensating for the distortion caused by the shape of the windshield.

The information appears to float in a 26 x 9 centimeter (10.24 x 3.54 in) window roughly 2.5 meters (8.2 ft) in front of the windshield. To avoid ghost images, the windshield and its safety film have a special shape. The driver assimilates the images of the head-up display extremely quickly because his or her eyes, accustomed to distance vision while driving, do not have to adjust. The driver can use the MMI to specify which information he or she wants to see, such as speed, the navigation arrows or the indications from the assistance systems. The driver can also adjust the height and brightness of the display as desired.

**Figures depend on the tires/wheels used.

Status: 2011