COLUMBUS NAVIGATION SYSTEM

The new Columbus navigation system for the Octavia model series is set to replace the current Nexus navigation system from the 45th calendar week in 2007. Columbus is the first DVD navigation system with a touch screen to be offered with Škoda cars. The system offers comprehensive, yet comfortable control of communication, navigation and multimedia functions.

The main advantages of the Columbus navigation system for users:
• System control using a 6.5″ touch screen with a high resolution (Wide VGA), 13 buttons and 2turning knobs.
• Navigation DVD in two versions – for Western and Eastern Europe.
• Hard disc with a capacity of 30 GB with 10 GB reserved for navigation data and 20 GB for recording music in the MP3 or WMA format.
• The device allows automatic copying of the navigation data to the hard disc after inserting the navigation DVD. The navigation DVD can then be removed as it is no longer required for functioning of the navigation. The navigation uses the data stored on the hard disc. The navigation data stored on the hard disc is updated upon request once an updated version of the navigation DVD or the second navigation DVD is inserted.
• Displaying a birds-eye view navigation map.
• A map detail or travel itinerary can be displayed in a section of the screen when needed.
• TMC (Traffic Message Channel) – support for dynamic navigation with reception of messages regarding the current traffic conditions (if this type of broadcast is available).
• Fast calculation and indication of the route owing to a powerful processor.
• Additional display of navigation also on the MaxiDOT display.
• The drive for reading SD data cards allows reading MP3 files.
• The hard disc also allows playback of music in the MP3 format and saving MP3 files from a CD or an SD card.
• Option for connecting external audio equipment (such as an iPod) using the aux-in socket.
• Displaying the name of the artist, album and track in the case of MP3 files including this information as the socalled ID3-tags.
• Comfortable operation of a phone connected through the GSM Phone Preparation II set.
• 2 aerials for improved radio signal receiving.
• Clear and user-friendly HMI concept (Human Machine Interface).
• The devices uses the sophisticated software from Siemens VDO based on Java TLA® (Top Level Architecture).