

Delphi Entry-level, Map-based Integrated Navigation Radio

Delphi's newest navigation systems use a flash-based, secure digital card map database to provide high-performance navigation at low cost. With a flexible, scalable architecture, these entry-level systems can help vehicle manufacturers address the desire of consumers to have a navigation/radio system in vehicles of all categories.

Delphi's entry-level navigation radio systems not only provide the benefits of an integrated system designed to complement specific vehicle interiors, but also offer the benefits of aftermarket systems. A single, state-of-the-art navigation kernel and map data compiler used successfully in the European market help shorten OE innovation cycles.



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Integrated into a single unit, the color map navigation system can be used in parallel to the audio system. Beyond radio and navigation, the system can feature playback mechanisms including CD and MP3 plus connectivity options for portable electronic devices.

▶ Standard Features*

- Full-color, 2.5 D map-type dynamic navigation with 4.3-inch to 6.5-inch display
- Solid state secure digital card map database
 - Partial map updates possible
 - Seamless routing from departure point to destination and across borders
- Double- and single-DIN options
- RDS-Double tuner radio
- CD-ROM for data updates and audio playback
- MP3 decoder
- Auxiliary audio input
- XML-based HMI design
- High-level functionality
 - Best-in-class routing and re-routing
 - Map overlays for lane guidance and turns

▶ Optional Features

- Digital tuner (SDARS, HD Radio, DAB)
- Connectivity options
 - Bluetooth
 - USB
 - iPod
- Playbacks
 - MP3
 - CD
- HMI options
 - Touch-screen interface
 - Voice recognition
- Steering wheel control and central HMI controller compatible
- 3-D map display
- MOST interface
- Audio codec options including WMA and AAC

* Further downscaling possible for cost optimization

▶ Benefits

- Navigation platform with applications for Europe, North America and China with country-specific interface, map data and graphics
- Best-in-class route calculation algorithms
- Designed for incremental map updates and multiple map data distribution options
- Multiple intelligent address entry algorithms available to meet specific customer requirements
- High quality, low-cost manufacturing