

N14509 Operational description

The N14509 is a CAR integrated multimedia system with the following functions:

- Hi-Fi car radio with external input for iPod, Sirius device or USB storage device
- Navigation system with integrated GPS receiver
- Bluetooth application to manage external cellular phone
- On board computer for trip information's

The integrated GPS receiver (U2100, U2101, U2102) sends the available data through a bus communication line to the main board micro controller (U1000). It processes the data and, if the user has selected the navigation functions, sends it to the graphic processor unit and on the 7" TFT display.

The integrated Bluetooth applications are able to manage the pairing and communication with external phones, in order to achieve the remote managing of the connected phones.

In this way, the system supports the viva voice functionality, phonebook managing, and also calling managing.

The applications are supported by an integrated FCC certified Bluetooth module (U2500) Infineon type PBA 31308 through a HCI serial communication link with the motherboard microprocessor (U1000). The antenna is integrated on the motherboard PCB.

All the functionality of the multimedia device are managed with the integrated touch screen of the 7" TFT display, with a dedicated user friendly FW.

All the available functions are described on the user manual.