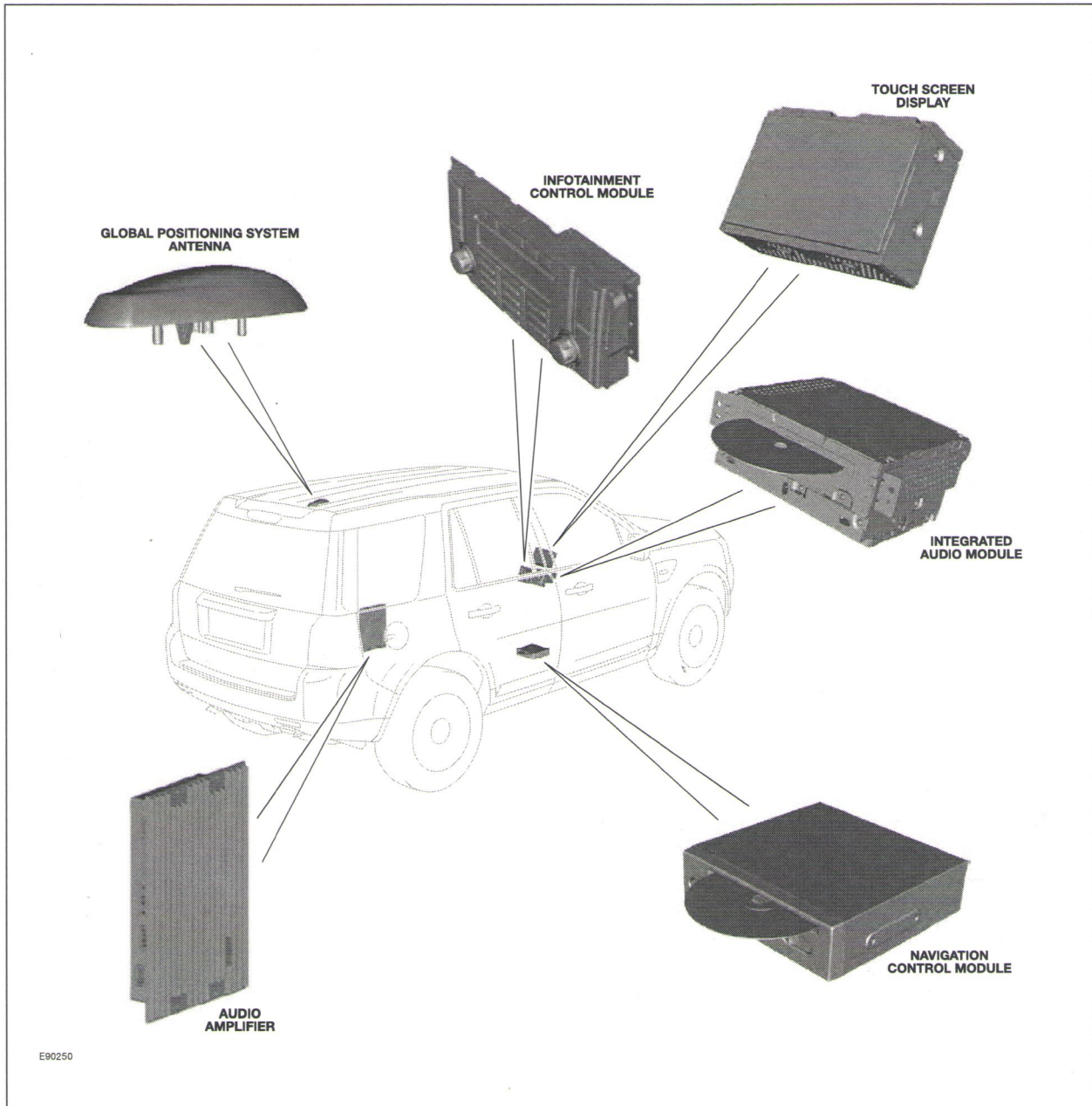


NAVIGATION SYSTEM OVERVIEW



The navigation system provides audible and visual route guidance information to enable the driver to reach a desired destination. The system allows the driver to choose the desired route using minor or major roads or motorways and the quickest or shortest route. Directions

to hospitals, museums, monuments and hotels are also available. The computer uses map information stored on a DVD to determine the best route for the journey and provide the driver with details of directions and approaching junctions.

The navigation system is controlled from the infotainment control module and the Touch Screen Display (TSD). Control signals from the TSD are sent on the MS CAN bus to the ICM where they are transmitted on the MOST ring to the navigation control module. The navigation control module uses a dedicated GVIF bus to transmit video signals to the TSD. The GVIF bus is capable of transmitting high-resolution (1024x768) XGA video.

Navigation System Control Diagram

