

EQUIPPED

The navigation system guides the user to a pre-entered destination. Map data is transmitted from the map data SD card inserted into the media hub to the APIM through the USB cable. The APIM calculates route information based on GPS data received by the GPSM. The APIM also uses vehicle speed and transmission gear selected signals received through the network to detect vehicle speed and direction, resulting in more accurate navigation tracking. The navigation display is shown on the FDIS.

The voice recognition system allows the user to interface with the system without using the FDIS. A microphone located in the headliner provides a direct input to the APIM.

Refer to the Owner's Literature for more information on Navigation.

DESCRIPTION AND OPERATION > INFORMATION AND ENTERTAINMENT SYSTEM - SYSTEM OPERATION AND COMPONENT DESCRIPTION > RDS

RDS allows metadata (information such as station call letters, artist, song title, and genre) to be contained within FM radio waves. If the RDS feature is turned on, a PTY (Program Type) can be chosen. Once the customer has chosen a single PTY such as Sports, Rock, Religious Music, or Weather, the SEEK or SCAN button is pressed, and the ACM only tunes channels within the selected category. If a channel within the selected category is not found, the ACM will continually seek or scan.

DESCRIPTION AND OPERATION > INFORMATION AND ENTERTAINMENT SYSTEM - SYSTEM OPERATION AND COMPONENT DESCRIPTION > SATELLITE RADIO

Satellite radio is a subscription-based service.

The roof-mounted satellite radio antenna receives signals containing metadata (information such as station call letters, artist, album title, song title, and genre) and digital satellite radio audio. These signals are sent through the satellite radio antenna coaxial cable to the satellite radio receiver built into the ACM. The metadata is separated from the audio. The metadata is sent to be displayed on the centerstack infotainment display, and the audio is converted into fluctuating AC voltage and sent as left and right analog audio signals to the audio DSP module. The audio DSP module processes the audio signals and sends them to the speakers as fluctuating AC voltage.

DESCRIPTION AND OPERATION > INFORMATION AND ENTERTAINMENT SYSTEM - SYSTEM OPERATION AND COMPONENT DESCRIPTION > SD CARD MODE

When a non-navigation SD card is connected to the vehicle audio system through the SD card slot, audio from the card can be played through the vehicle speakers. Functions such as volume, seek, fast forward, pause, etc. can be controlled by the vehicle audio controls.

Image files can be saved to the APIM from a non-navigation SD card in order to be used as wallpaper backgrounds displayed on the FDIS.