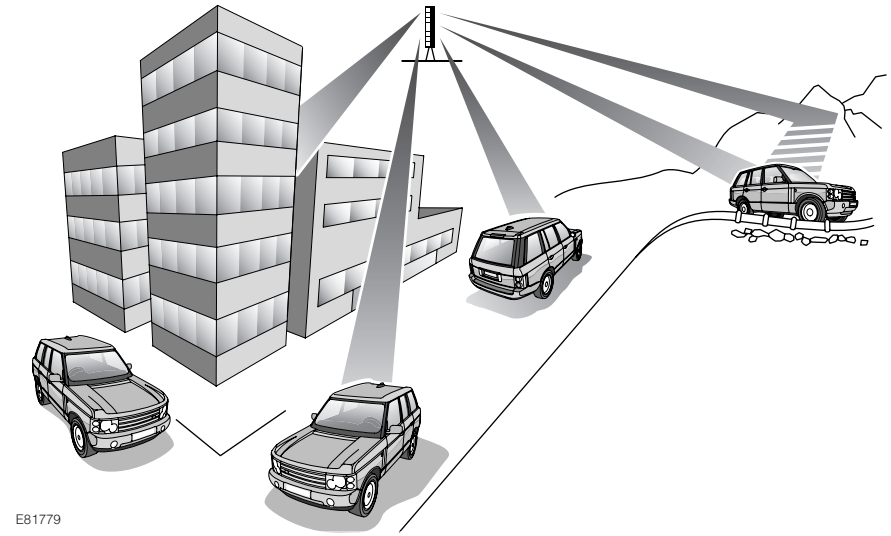
## RADIO RECEPTION




Your audio unit receives signals whilst on the move, and may experience widely differing reception characteristics. Because of this, some interference is to be expected from time to time during a journey.

FM transmitters can only broadcast over a limited range, and good clear signals will only be received in the immediate area of the transmitter. When travelling, occasionally it may be necessary to re-tune the audio unit to offset the effects of moving from one transmitter area to another.

While RDS automatic retuning helps to reduce the effects of signal changes, some manual retuning may still be required (especially for local stations) in areas of weak reception.

The broadcast range for good stereo reception is within approximately 48 - 64 km (30 - 40 miles) of the transmitter.

FM Signals travel in a straight line, so large obstacles, such as tall buildings, can shield the vehicle from the signal causing distortion or loss of reception (known as dead spots).

Distortion can also occur if FM signals received directly from the transmitter, mix with signals deflected by obstructions such as mountains, hills, and tall buildings. This is known as multi-path distortion.

***Note:*** *Although distortion, interference and lack of signal clarity are sometimes attributed to a fault in the radio, this is rarely the case.*