

E60 - Microphones for hands-free mode and voice recognition

Installation location

On the US version of the E60, the microphones are located in the middle of the front headlining.



Key	Explanation	Key	Explanation
1	Microphone, left, for hands-free mode	2	Sliding/tilt sunroof switch
3	Emergency call button (behind flap)	4	Microphone, right, for voice recognition system (only with option 620 "Voice recognition system")

How it works

The microphone on the left is used for hands-free mode, that is for voice input while you are driving. The Motorola Phoenix V60i mobile phone remains locked in the eject box. In hands-free mode, the TCU (Telematic Control Unit) works with full duplex transmission. That means the low-frequency signals generated by the speech of both partners are activated at the same time. This makes it possible to speak and hear at the same time. An echo compensation circuit in the TCU suppresses any unwanted whistling noises caused by feedback.

The microphone on the right picks up voice commands if a CCC (Car Communication Computer) is installed in conjunction with option 620 "Voice recognition system".