

FIGURE 2.1

A generic DSP system.



FIGURE 2.2

A talk-through system.

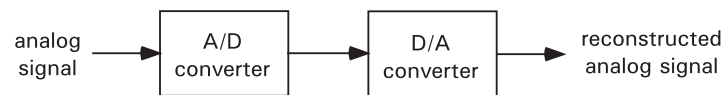
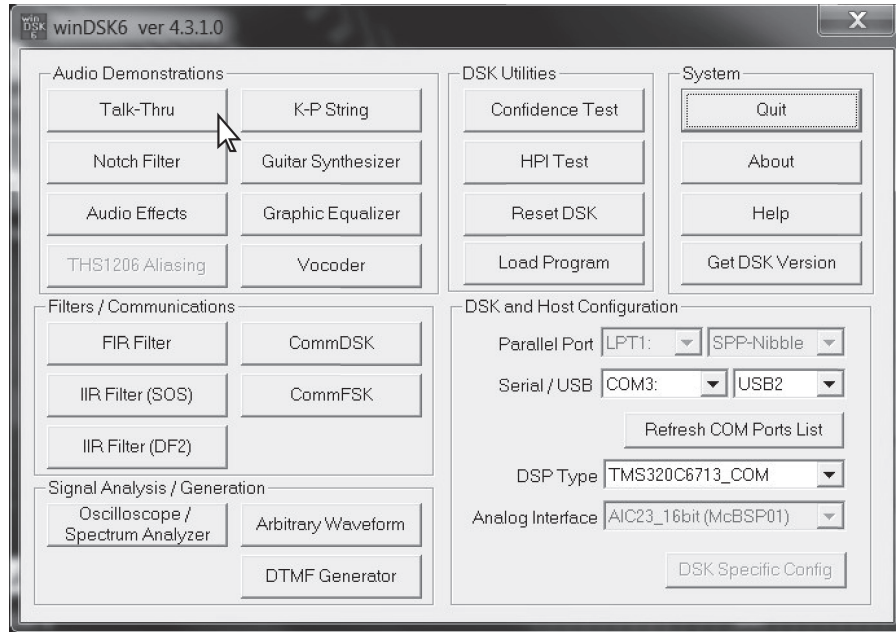
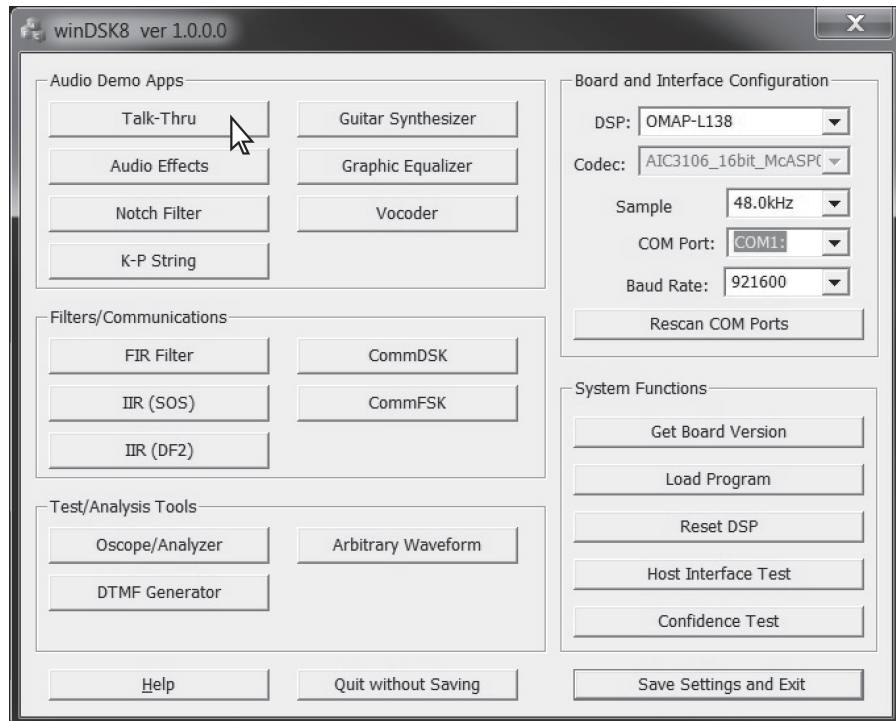


FIGURE 2.3

The winDSK program ready to load the Talk-Thru application.



(a) The main winDSK6 user interface.



(b) The main winDSK8 user interface.

FIGURE 2.4

winDSK running the Talk-Thru application.

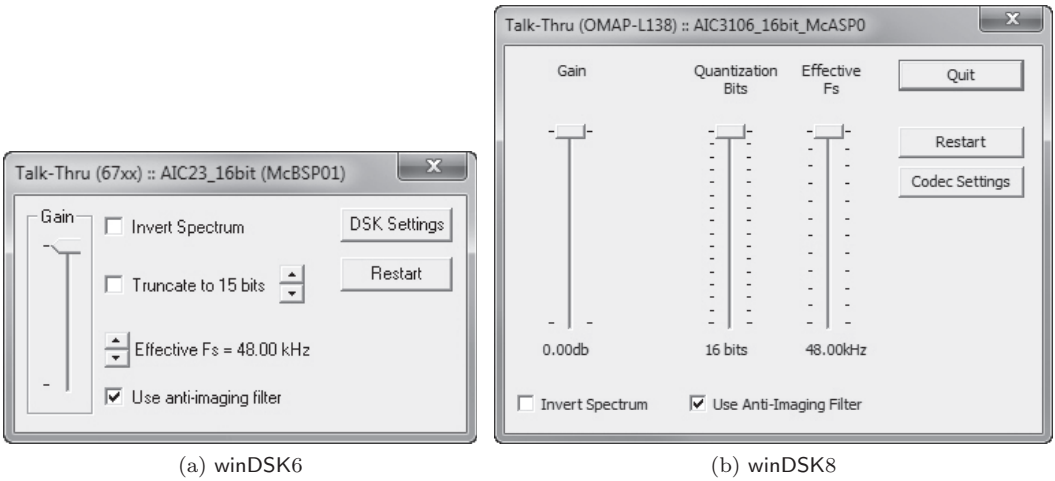


FIGURE 2.5

Various types of audio mini-plugs used with devices such as MP3 players and CD players.

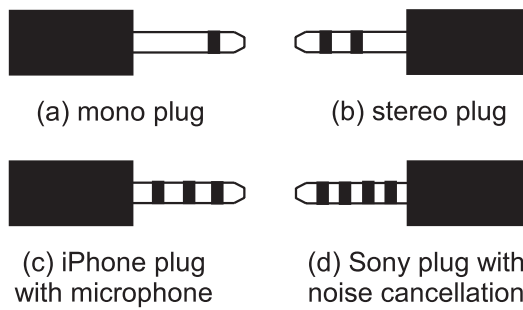
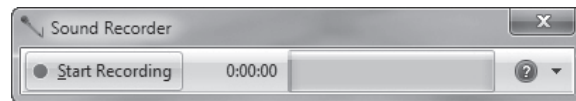


FIGURE 2.6

The Windows sound recorder program.



(a) Windows XP



(b) Vista and Windows 7

FIGURE 2.7

A freely available sound recorder, mixer, and editing program called Audacity.

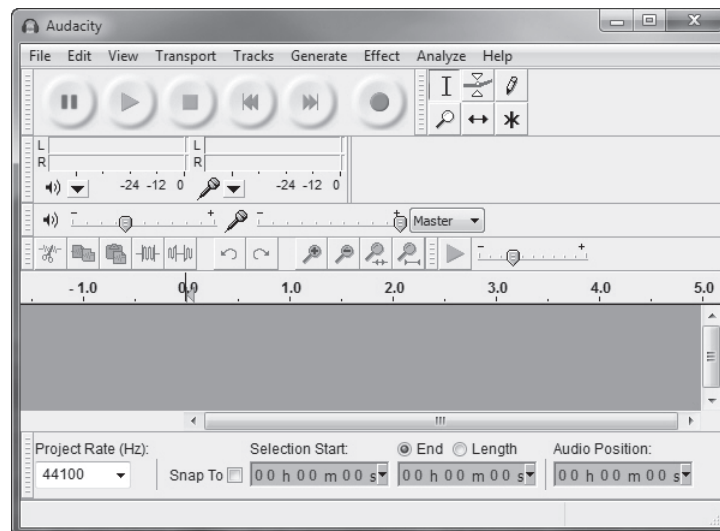


FIGURE 2.8

MATLAB command window with the help pull-down menu open.

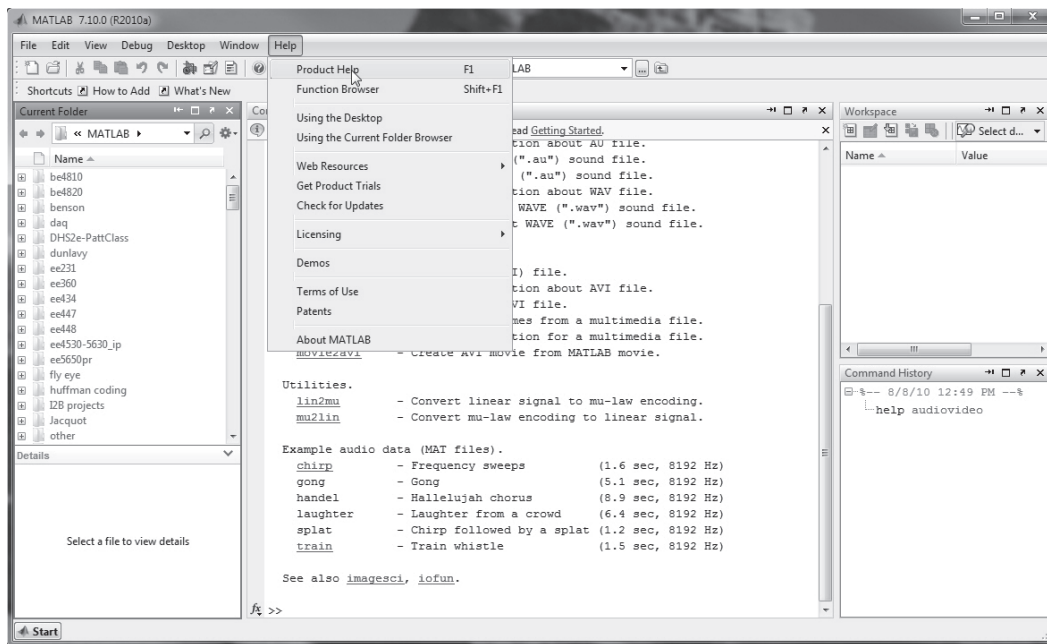


FIGURE 2.9

MATLAB interface to the PC sound card.

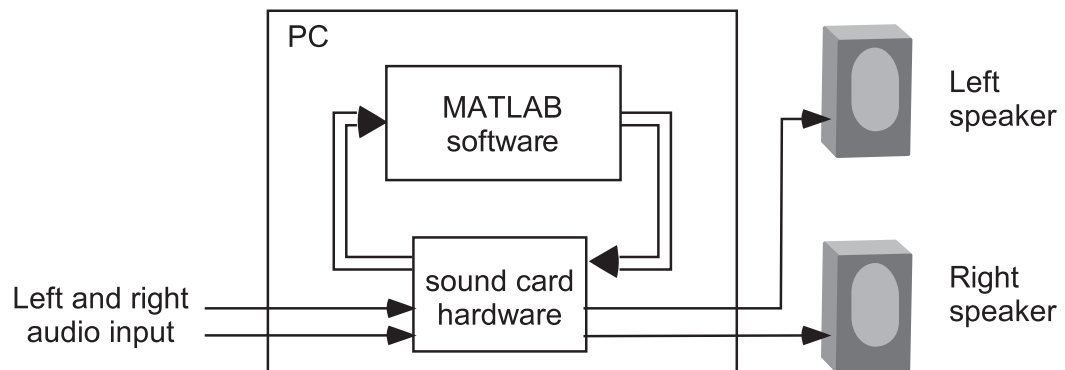


FIGURE 2.10

Simulink model of a PC-based talk-through system.

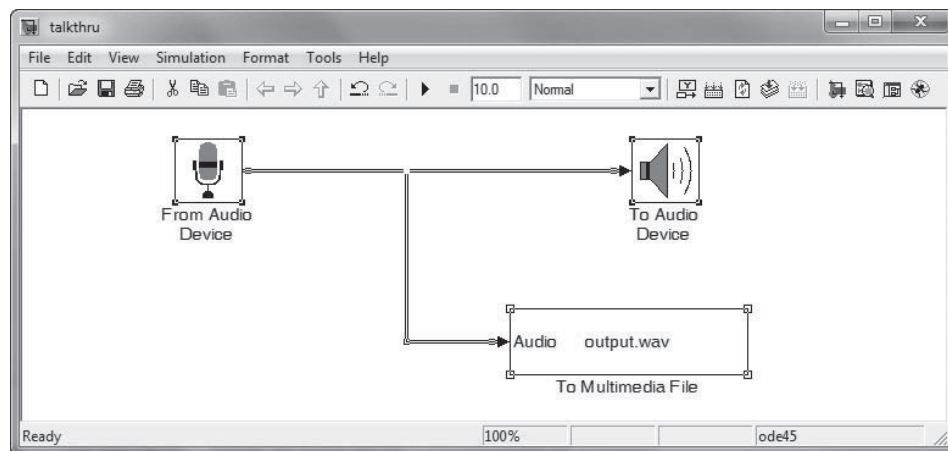


FIGURE 2.11

Block parameters from the wave device in Figure 2.10.

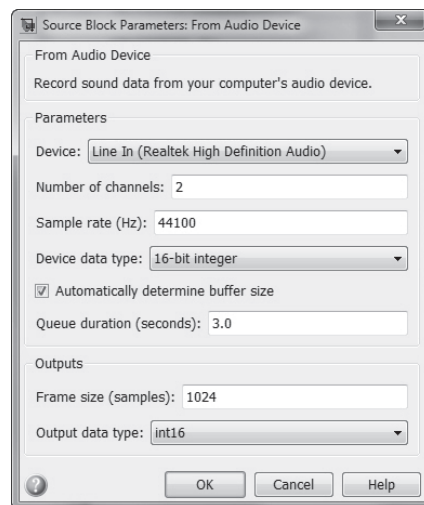


FIGURE 2.12

Click on the start simulation icon on the Simulink toolbar.

