

Part 8: How Sound Cards Work

The answers to the following questions can be found at howstuffworks.com.

46) How does sound travel from the source to the listener?

47) How does the ear detect sound?

48) What are these two acronyms short for?

ADC

DAC

49) What is analog to digital conversion?

50) Explain the purpose of the digital-to-analog converter in a sound card?.

51) What is the name of the specialized chip that does some of the audio conversions that would otherwise take up the time of the microprocessor?

52) Give an example of a commonly used API (Applications Program Interface) used by Windows programs to communicate with the sound card.

53) Identify the inputs and outputs shown in this picture of the back of a sound card.

