CLAIMS

1. A computer comprising:

an internal speaker;

an interface configured to provide information for audio output to an external speaker;

an audio playback circuit configured to provide audio information to at least one of the internal speaker or the external speaker, wherein the audio information comprises information for a plurality of channels;

a determination circuit configured to determine whether an external speaker is connected to the interface;

a controller configured to:

control the internal speaker to output audio information related to all channels of the plurality of channels when the determination circuit determines that an external speaker is not connected to the interface;

control the internal speaker to output audio information related to a first subset of channels of the plurality of channels and to control the interface so that the external speaker outputs a second subset of channels of the plurality of channels when the determination circuit determines that an external speaker is connected to the interface; and

provide a profile for a configuration for the internal speaker and, if the determination circuit determines that an external speaker is connected to the interface, for the external speaker; and

a communication circuit configured to receive the profile from a cloud computer.

2. The computer of claim 1,

wherein each channel of the plurality of channels is included in one and only one of the first subset and the second subset.

3. The computer of claim 1 or claim 2, further comprising:

at least one further internal speaker.

4. The computer of any one of claims 1 to 3,

wherein the interface is configured to provide information for audio output to a plurality of external speakers.

5. The computer of any one of claims 1 to 4, further comprising:

a user interface configured to receive information indicating the profile from a user of the computer.

6. The computer of any one of claims 1 to 5,

wherein the profile is based on at least one of a custom HRTF (head related transfer function) or a custom DSP (digital signal processor) function.

7. The computer of any one of claims 1 to 6,

wherein the computer is at least one of a portable computer, a mobile computer, a laptop, a notebook, a tablet computer, a mobile radio communication device, or a mobile phone.

8. The computer of any one of claims 1 to 7, further comprising:

a suggestion circuit configured to provide a suggestion to a user of the computer on where to place the external speaker.

9. A method for controlling a computer, the method comprising:

controlling an internal speaker;

controlling an interface to provide information for audio output to an external speaker;

providing audio information to at least one of the internal speaker or the external speaker, wherein the audio information comprises information for a plurality of channels;

determining whether an external speaker is connected to the interface;

controlling the internal speaker to output audio information related to all channels of the plurality of channels when it is determined that an external speaker is not connected to the interface; and

controlling the internal speaker to output audio information related to a first subset of channels of the plurality of channels and controlling the interface so that the external speaker outputs a second subset of channels of the plurality of channels when it is determined that an external speaker is connected to the interface;

providing a profile for a configuration for the internal speaker and, if it is determined that an external speaker is connected to the interface, for the external speaker; and

receiving the profile from a cloud computer.

10. The method of claim 9,

wherein each channel of the plurality of channels is included in one and only one of the first subset and the second subset.

11. The method of claim 9 or claim 10, further comprising:

receiving information indicating the profile from a user of the computer.

12. The method of any one of claims 9 to 11,

wherein the profile is based on at least one of a custom HRTF (head related transfer function) or a custom DSP (digital signal processor) function.

13. The method of any one of claims 9 to 12,

wherein the computer is at least one of a portable computer, a mobile computer, a laptop, a notebook, a tablet computer, a mobile radio communication device, or a mobile phone.

14. The method of any one of claims 9 to 13, further comprising:

providing a suggestion to a user of the computer on where to place the external speaker.

15. A non-transitory computer-readable medium comprising instructions which, when executed by a computer, make the computer perform a method for controlling a computer, the method comprising:

controlling an internal speaker;

controlling an interface to provide information for audio output to an external speaker;

providing audio information to at least one of the internal speaker or the external speaker, wherein the audio information comprises information for a plurality of channels;

determining whether an external speaker is connected to the interface;

controlling the internal speaker to output audio information related to all channels of the plurality of channels when it is determined that an external speaker is not connected to the interface;

controlling the internal speaker to output audio information related to a first subset of channels of the plurality of channels and controlling the interface so that the external speaker outputs a second subset of channels of the plurality of channels when it is determined that an external speaker is connected to the interface;

providing a profile for a configuration for the internal speaker and, if it is determined that an external speaker is connected to the interface, for the external speaker; and

receiving the profile from a cloud computer.

16. The non-transitory computer-readable medium of claim 15,

wherein each channel of the plurality of channels is included in one and only one of the first subset and the second subset.

17. The computer-readable medium of claim 15 or claim 16, further comprising instructions which, when executed by a computer, make the computer perform:

controlling at least one further internal speaker.

18. The non-transitory computer-readable medium of any one of claims 15 to 17, further comprising instructions which, when executed by a computer, make the computer perform:

receiving information indicating the profile from a user of the computer or receiving the profile from a cloud computer.

19. The non-transitory computer-readable medium of any one of claims 15 to 18,

wherein the profile is based on at least one of a custom HRTF (head related transfer function) or a custom DSP (digital signal processor) function.

20. The non-transitory computer-readable medium of any one of claims 15 to 19, further comprising instructions which, when executed by a computer, make the computer perform:

providing a suggestion to a user of the computer on where to place the external speaker.