CLAIMS

1. An apparatus for amplification of audio content, the apparatus being powered by a host device with a plurality of data output connectors, the apparatus including:

a first power line connectable to a first connector of the plurality of data output connectors;

a second power line connectable to a second connector of the plurality of data output connectors;

an amplifier connected along each of the first and the second power lines; and

a coil driver coupled to each of the amplifiers, the coil drivers being arranged such that magnetic summation occurs when the coil drivers are energized;

wherein the magnetic summation causes the apparatus to attain a second sound pressure level (SPL) rating which is higher compared to a first SPL rating when only the first power line is connected to the first connector.

2. The apparatus of claim 1, further including a line-in input for each of the amplifiers.

3. The apparatus of claim 2, wherein the line-in input is either through or combined with at least one of the plurality of data output connectors.

4. The apparatus of claim 1, wherein each of the plurality of data output connectors is selected from a group consisting of: a USB connector, an IEEE1394 connector, and any connector that allows hot swapping.

5. The apparatus of claim 1, wherein each of the coil drivers is not energized when a respective power line is disconnected from the plurality of data output connectors.

6. The apparatus of claim 1, wherein the coil drivers are for operation of a single speaker cone of the apparatus.

7. The apparatus of claim 1, wherein the coil drivers are arranged in either a parallel or a series arrangement.

8. The apparatus of claim 2, wherein each amplifier provides amplified line-in inputs to each respective coil driver.

9. A method for amplifying audio content using an apparatus for amplification of audio content, the apparatus being powered by a host device with a plurality of data output connectors, the method including:

connecting a first power line to a first connector of the plurality of data output connectors;

connecting a second power line to a second connector of the plurality of data output connectors;

feeding line-in inputs to an amplifier connected along each of the first and the second power lines; and

energizing coil drivers coupled to each of the amplifiers, the coil drivers being arranged such that magnetic summation occurs when the coil drivers are energized;

wherein the magnetic summation causes the apparatus to attain a second sound pressure level (SPL) rating which is higher compared to a first SPL rating when only the first power line is connected to the first connector.

10. The method of claim 9, wherein each of the plurality of data output connectors is selected from a group consisting of: a USB connector, an IEEE1394 connector, and any connector that allows hot swapping.

11. The method of claim 9, wherein each of the coil drivers is not energized when a respective power line is disconnected from the plurality of data output connectors.

12. The method of claim 9, wherein the coil drivers are for operation of a single speaker cone of the apparatus.

13. The method of claim 9, wherein the coil drivers are arranged in either a parallel or a series arrangement.

14. The method of claim 9, wherein each amplifier provides amplified line-in inputs to each respective coil driver.

15. The method of claim 9, wherein the line-in inputs are either through or combined with at least one of the plurality of data output connectors.

CLAIMS

1. An apparatus for amplification of audio content, the apparatus being powered by a host device with a plurality of data output connectors, the apparatus including:

a first power line connectable to a first connector of the plurality of data output connectors;

a second power line connectable to a second connector of the plurality of data output connectors;

a first amplifier connected along the first power line and a second amplifier connected along the second power line; and

a first coil driver and a second coil driver coupled to the first and second amplifiers respectively, the first and second coil drivers being arranged such that magnetic summation occurs when the first and second coil drivers are energized;

wherein the magnetic summation causes the apparatus to attain a second sound pressure level (SPL) rating which is higher compared to a first SPL rating when only the first power line is connected to the first connector.

2. The apparatus of claim 1, further including a line-in input for each of the amplifiers.

3. The apparatus of claim 2, wherein the line-in input is either through or combined with at least one of the plurality of data output connectors.

4. The apparatus of claim 1, wherein each of the plurality of data output connectors is selected from a group consisting of: a USB connector, an IEEE1394 connector, and any connector that allows hot swapping.

5. The apparatus of claim 1, wherein each of the coil drivers is not energized when a respective power line is disconnected from the plurality of data output connectors.

6. The apparatus of claim 1, wherein the coil drivers are for operation of a single speaker cone of the apparatus.

7. The apparatus of claim 1, wherein the coil drivers are arranged in either a parallel or a series arrangement.

8. The apparatus of claim 2, wherein each amplifier provides amplified line-in inputs to each respective coil driver.