

## Sound Quiz

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- 1) What are the three most common signal levels?
- 2) What is the primary benefit of a balanced signal?
- 3) Identify the name of the connector, the most common signal level(s) for which it is used, and indicated if it carries balanced, unbalanced, or if it is often used for either.



- 4) Identify the three conductors on this connector. What are the three sizes in which it is most often seen?



Mixer  
Aux Send  
Sub Group  
Parametric EQ  
Graphic EQ  
Preamp

Power amp  
Balancing Transformer  
Transducer  
Microphone  
Loudspeaker  
Gain

A \_\_\_\_\_ is used to combine multiple signals into a single output signal.

Used for matching levels, a \_\_\_\_\_ can be either stand-alone or built into a sound board. In the latter case, it is controlled by the \_\_\_\_\_.

A \_\_\_\_\_ is built into many mixers in order to allow you to adjust the tonal quality of the sound. It allows you to sweep to a given frequency in order to provide a boost.

Usually an outboard piece of equipment, the \_\_\_\_\_ is used primarily for adjusting the overall tone of the signal, often to account for acoustic anomalies in the performance space.

A \_\_\_\_\_ is necessary whenever connecting balanced and unbalanced equipment.

The \_\_\_\_\_ allows you to combine individual channels together under a master control. It can be output on its own, or fed into the main mix.

A \_\_\_\_\_ is a device which converts from one form of energy to another, such as electricity to sound waves. \_\_\_\_\_ and \_\_\_\_\_ are examples of these.

The \_\_\_\_\_ is a way to route sound other than to the main mix. It is useful for recording a show, or for providing a sound output to videographers or backstage monitors. It can usually be set to be either pre- or post-fader.