Speaker/Studio Design Quiz

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What is impedance?

Resistance in a circuit

Total power of a circuit

How loud a speaker can be

Magic

1. What does the Frequency Response of a speaker indicate?

How well it can reproduce various frequencies

How loud it can be

What it’s impedance is

How pretty it is

1. What is the difference between Active (Powered) and Passive (Unpowered) speakers?

Active is more expensive

Active has a built in amplifier

Active requires a calibration tool

Active are generally quieter

1. What is the voice coil do?

Amplifies signal

Converts signal from electrical to magnetic

Splits signal into frequency bands

Calibrates a speaker

1. What does a crossover do?

Split signal into frequency bands

Amplifies Signal

Converts signal from electrical to magnetic

Calibrates a speaker