

---

Subject: Re: Amplifier classes

Posted by [gofar99](#) on Tue, 06 Jun 2017 03:01:11 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi, Simple and dirty description follows.

You can also can have class A push pull amps. All my power amp designs fall into this class.

Class A amps have power flowing though the output devices (transistors, tubes) all the time.

Class B amps have the output devices running at 1/2 of each cycle of power. One device will be on while the other is off. '

Class AB has class A operation at low power and goes to B at higher levels

Class C is less than 50% on each output device (can be a single device as in transmitter output stages).

Other classes are not consistently defined. Class D , T, and H are made up with high frequency switching devices. The pulses are summed to obtain the audio output.

---