

Class "B" Amplifier



Product Categories: [Amplifier's](#), [Amplifier's](#), [Electronics](#), [Engineering Equipment](#)

Product Page: <https://www.labappara.com/product/class-b-amplifier/>

Product Description

Class "B" Amplifier

Class B amplifiers were invented as a solution to the efficiency and heating problems associated with the previous class A amplifier. The basic class B amplifier uses two complimentary transistors either bipolar or FET for each half of the waveform with its output stage configured in a “push-pull” type arrangement, so that each transistor device amplifies only half of the output waveform.

In the class B amplifier, there is no DC base bias current as its quiescent current is zero, so that the dc power is small and therefore its efficiency is much higher than that of the class A amplifier.