

**Product Name :**  
Power and Differential Amplifier Trainer

**Product Code :**  
NLAB-ELECTRONICSAB420017

**Description :**

Power and Differential Amplifier Trainer

**Technical Specification :**

Power and Differential Amplifier Trainer is a unique product has a variety of transistorized amplifiers like class B power

amplifier and differential amplifier. This product has in-built DC power supply and sine wave generator which makes it useful

to complete experiments without any extra assembly.

The term "Power Amplifier" is a relative term with respect to, the amount of power delivered to the load and/or sourced by the

supply circuit, whereas, a "Differential Amplifier" is a type of electronic amplifier that multiplies the difference between two

inputs with some constant factor.

**Technical Specifications**

DC power supply : +12 V, -12 V, +5 V, -5 V

Variable DC power supply : 0 to 1 V

Sine wave generator

Frequency : 800 Hz to 8 KHz

Amplitude : 0 to 5 Vpp

Mains supply : 230V  $\pm$ 10%, 50Hz

Fuse : 350 mA, slow blow

Scope of Learning

Study of the working principle of Differential Amplifier

Study of the working principle of class B push-pull Amplifier

Features

In-built DC power supply

In-built sine wave generator

Compact design

## Naugralabequipments

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