

**Product Name :**  
Logic Training Board

**Product Code :**  
NLAB-ELECTRONICSAB220001



**Description :**

Logic Training Board

**Technical Specification :**

The offered range is known for studying simple logic functions and theorems of Boolean algebra and to compare the truth table with experimental results.

This range aids in providing new method of training students in the basic theory of digital circuits and making them familiar with basic experiments in digital circuits.

Object:

OR/NOR function

AND/NAND function

NOT/BUFFER function

Simple function of several variables

Distributive law

Commutative law

Associative law

De morgan's theorem

Features :

The board consists of the following built-in parts:

$\pm 5$  V D.C. at 500 mA, IC regulated power supply

Two, 3-input NAND gates followed by an inverter to give 3-input AND/NAND gates

Two, 3-input NOR gates followed by an inverter to give 3-input OR/NOR gates

Two, NOT gates followed by another NOT gate to give BUFFER outputs

Switches for logic selection

Adequate no. of other electronic components

Mains ON/OFF switch, fuse and jewel light

The unit is operative on 230V  $\pm 10$  % at 50Hz A.C. mains

Adequate no. of patch cords stackable from rear both ends 4 mm spring loaded plug length  $\frac{1}{2}$  meter

Best quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms

Supported by detailed operating instructions, giving details of object, theory, design procedures, report suggestions and book references.

## Naugralabequipments

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