

**Product Name :**  
Study of Phase Locked Loop (PLL)

**Product Code :**  
NLAB-EDUSCHOOLEQ198004

**Description :**

Study of Phase Locked Loop (PLL)

**Technical Specification :**

SCOPE OF LEARNING:

Frequency Modulation

Frequency Demodulation

Study of VCO

Study of PLL

PLL Out Put Divide by 2,4,5,8 Circuits

TECHNICAL SPECIFICATIONS:

Generator:

A.F. Generator 0-10KHz Variable Amplitude of 5Vp-p

On Board Modulating Signal Oscillator 0-10KHz

Carrier generator Using 8038 IC 1-10KHz

Power Supply:

Fixed DC Power Supplies +12V DC, 250mA

Fixed DC Power Supplies +5V DC, 250mA Operated on Mains power 230V, 50Hz +10%

Components are mounted on the panels are:

IC

Capacitors

Resistors

Diode

**SALIENT FEATURES:**

Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.

Instruction manual.

Connections are brought out through 2mm Sockets.

Patch Cords 4mm.

The trainer is housed in ABS Plastic cabinet.

Size of the trainer set 12"x10"

## **Naugralabequipments**

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