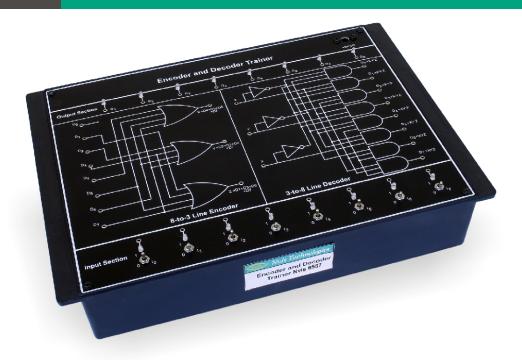


## Encoder and Decoder Trainer Nvis 6557



**Nvis 6557 Encoder and Decoder Trainer** has been designed specifically for the study of 8-to-3 Line Encoder and 3-to-8 Line Decoder. The Training board explains the phenomena which encodes 8 data lines to 3 lines and decodes 3 data lines to 8 lines.

The board is absolutely self contained and requires no other apparatus.

## **Features**

- +5V SMPS Adaptor provided with the trainer for power supply
- Easy illustration of Encoder and Decoder
- LEDs for visual indication of inputs and outputs status
- SPDT switches for logic selection
- Good quality, reliable sockets are provided at appropriate places on board for connections
- Strongly supported by systematic operating instructions
- A low cost training system

## **Scope of Learning**

- Study and verification of the Truth Table of 8-to-3 Line Encoder.
- Study and verification of the Truth Table of 3-to-8 Line Decoder.

## **Technical Specifications**

Input : +5V DC

**Logic levels** 

+5V : HIGH (Logic 1)

0V : LOW (Logic 0)

Dimensions (mm) : 240 W x 345 D x 10 H

Weight : 1kg. (approximate)

**LED Indication** : LED will be ON (glow) for 1

state and will be OFF for 0

state