

**Code Converter Trainer (MI-D07)** has been designed specifically to learn the function of Encoder & Decoder Circuits. This is an extremely useful laboratory kit, which provides facilities for hands on experience to various experiments like 8 to 3 line encoder, 3 to 8 line decoder, 4 bit parity generator etc. This kit is extensively designed for institutions to train/teach their students in more effective manner. This kit comes with built-in fixed DC Power Supply, set of built-in logic level generator and indicator.

### Features

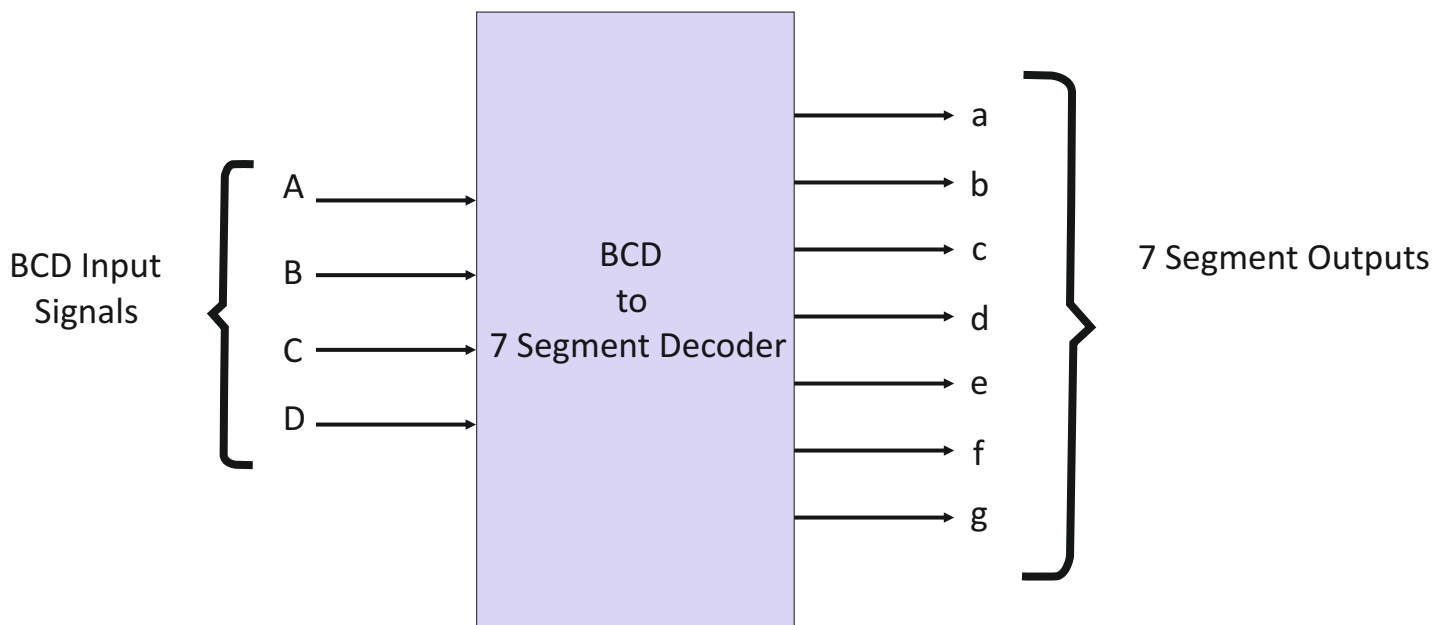
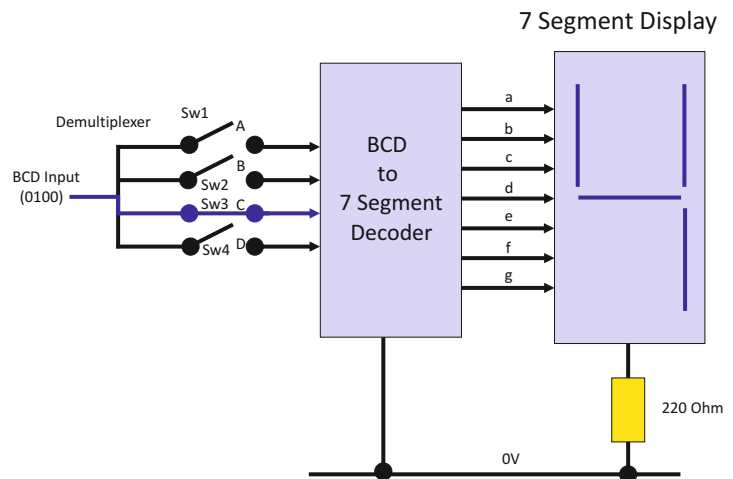
- On Board 4 Bit Binary to Gray Conversion
- On Board 4 Bit Gray to Binary Conversion
- On Board 4 bit Parity Generator
- On Board BCD to Seven Segment Decoder
- On Board 8 x 3 Encoder
- On Board 3 x 8 Decoder

### Technical Specifications

- **Built-in Fixed DC Power Supply** : +5V @200mA
- **Built-in Logic Level Generator** : 8 Independent logic level inputs to generate High/Low status
- **Built-in Logic Level Indicator** : 8 Independent logic level output indicators for High/Low status
- **Display**: BCD to seven segment display output
- **Test-Points/Interconnections**: Interconnections are done using 2mm banana sockets
- **Input Line Voltage** : 230V AC  $\pm$  10%, 50Hz
- **Dimensions (mm)** : 340 (L) x 250 (W) x 62 (H). (Approx).
- **Weight** : 3.5Kg. (Approx).

### Learning's

- To study and verification of the truth table of
  - 8 to 3 Line Encoder
  - 3 to 8 Line Decoder
  - 4-Bit Binary to Gray & Gray to Binary Converter
  - 4 Bit Parity Generator
  - BCD to seven segment display



### Package Contents



Power Cable



Patch Cords



User Manual

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