

Product Code:

AL-E263

CATALOGUE

#2557/4, Bengali Mohalla, Ambala Cantt. Haryana

ANALOG AND DIGITAL BREAD BOARD TRAINER (ABDT)

FEATURES

High level, high quality digital-analog trainer

Includes Two Digital Meters one for 20V Voltmeter and other for 200mA Ammeter

Combines all essential functions of analog and digital experiment with removable breadboard,

Includes DC power supply function generator, two pulse switches, 8 ohm 0.25W speaker etc.

SPECIFICATIONS

Solder-less,breadboard

Interconnected with tie points Nickel plated contact, fitted with all DIP sizes and all components with lead and solid wire. It can be changed and replaced for different purposes and can be connected with demonstration panel. Therefore, it is very convenient for both teachers and students

DC power supply

Fixed DC Output : $\pm 5V, \pm 12V @ 500mA$

Variable DC Output : Dual $0\sim 30V, 0\sim -30V @ 500mA$

AC power supply : $0\sim 5\sim 0 VAC, 12\sim 0\sim 12VAC$

Potentiometers: :1Kohm,10Kohm

Function generator

Frequency range : 1Hz ~ 10Hz

: 10Hz ~ 100Hz

: 100Hz ~ 1KHz

: 1 KHz ~ 10 KHz

: 10 KHz ~ 100 KHz

Amplitude

Sine wave output : $0\sim 6 V_{pp}$ variable @ 1Hz~1MHz in 5 steps

Triangle wave output : $0\sim 6 V_{pp}$ variable @ 1Hz~ 300KHz in 5 steps

Square wave output : $0\sim 5 V_{pp}$ variable @ 1Hz~400KHz in 5 steps

TTL mode output : $5V@1Hz\sim 1MHz$ in 5 steps

Two digits of 7 segment LED display

One pulse switch

Push buttons to generate inverting and non inverting pulses supported with de-bounce elimination

Data switches

Toggle switches and corresponding output point. When switch is set at “Down” position, the output is LOW level, contrarily it is to be 'High' level while setting at “Up” position

Speaker

8ohm/0.5W to be used for load

Four channel adaptor

The two banana sockets and BNC jacks suitable for the trainer to be connected with peripherals

Sixteen bit LED display

Red LEDs separate input terminals. The LED will be lighted up when input is at “High level ”and it will be turned OFF when it is at “No Input” or at “Low level”

Trainer:



Packing list

- Instruction manual hard copy and Soft Copy In CD.
- Power supply mains 3 pin cord
- Patch cords
- Some Loose Components