

Product Code:

AL-E263

## CATALOGUE

#118, Karanpuri, Behind B.D.Floor, Ambala Cantt, Haryana (India),

### ANALOG AND DIGITAL TRAINER (ADT)

#### FEATURES

- High level, high quality digital-analog trainer
- 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~1MHz in 5 steps

**Two digits of 7 segment LED display**

**Two 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"

ZIF Sockets : 40-pin, 28-pin, 20-pin

**PHOTOGRAPH:**

