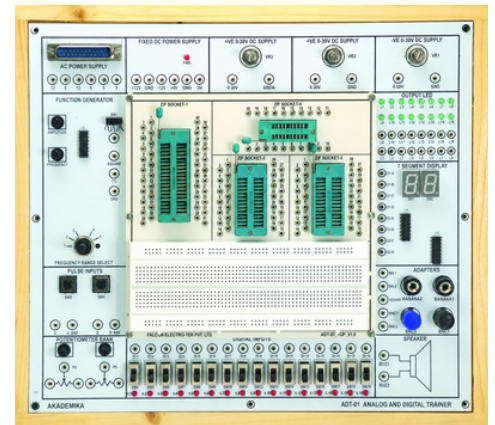


BEL-ADT

Analog And Digital Trainer Kit



FEATURES

- Combines all essential functions of analog and digital experiment with removable breadboard, includes DC power supply, function generator, two pulse switches, 8 Ω 0.5W speaker etc.

SPECIFICATIONS

- Fixed DC output power supply : $\pm 5V, \pm 12V @ 500mA$.
- Dual Variable DC output power supply, : $0 \sim 30V, 0 \sim 30V @ 500mA$.
- AC power supply: $5 \sim 0 \sim 5VAC, 12 \sim 0 \sim 12VAC$.
- Potentiometer : $1K \Omega, 10K \Omega$

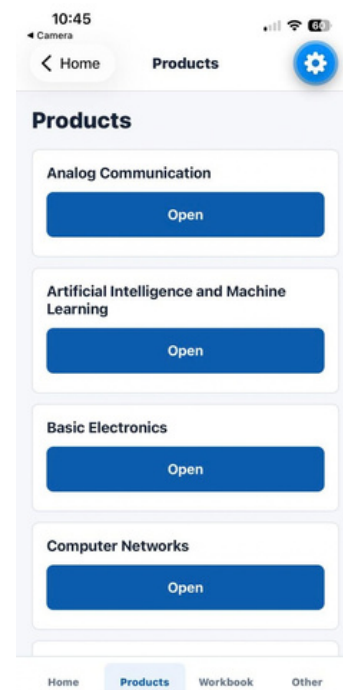
Function generator

- Frequency range : $1Hz \sim 10Hz$
 $10Hz \sim 100Hz$
 $100Hz \sim 1KHz$
 $1KHz \sim 10KHz$
 $10KHz \sim 100KHz$

Amplitude

- Sine wave output : $0 \sim 6V_{pp}$ variable@ $1Hz \sim 1MHz$ in step of 5
- Triangle wave output : $0 \sim 6V_{pp}$ variable@ $1Hz \sim 800KHz$ in step of 5
- Square wave output : $0 \sim 5V_{pp}$ variable@ $1Hz \sim 800KHz$ in step of 5
- TTL mode output : $5V @ 1Hz \sim 1MHz$ in step of 5
- Two digits of 7 segment LED display
- Two pulse switches: 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 'LO' level, contrarily it is to be 'High' level while setting at "Up" position.
- Speaker: 8Ω 0.5W to be used as Load.
- Four channel adapter:** 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-1No , 28 pin-2 Nos, 20 pin-1No



Mobile based Interactive e- manual