

**Technical Specifications:**

High level & high-quality digital-analog trainer Combines all essential function of analog and digital experiment With removable breadboard, DC power supply, function generator, two pulse switches, 2 1/4-inch 8 ohm 0.25W speaker and etc.

Solder less Breadboard:

Interconnected with 2820 tie points nickel plated contact, fitted all DIP sizes and all components with lead and solid wire AWG # 22-30 (0.3-0.8mm). It can be changed and replaced for different purpose and can be connected with demonstration panel.

DC Power Supply:

- Fixed DC output: +5V, 1AMP
- Fixed DC output: -5V, 1 AMP
- Variable DC output: 0V to +15V, 1 AMP
- Variable DC output 0V to -15V, 1 AMP

Potentiometers:

- Variable resistor: VR1 = 1k Ω
- Variable resistor: VR2 = 100k Ω
- Function Generator:
Frequency range: 1Hz~10Hz, 10Hz~100Hz, 100Hz~1kHz, 1kHz~10kHz and 10kHz~100kHz

Amplitude:

- Sine wave output: 0~10 Vpp variable
- Triangle wave output: 0~10 Vpp variable
- Square wave output: 0~10 Vpp variable
- TTL mode output: 4 Vpp (Sharp)
- Sixteen Bits Data Switches: 16pcs toggle switches and corresponding output point

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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- Two Pulse Switch: 2pcs pushbuttons contain switches de-bouncer
- Speaker: 2-1/2-inch diameter, 8 ohm/0.5W to be used for load.
- Four Channel Adaptor and two digits of 7 segment LED display
- Sixteen Bits LED Display: 16 LED's separate for input terminals
- Universal connector fixed holder on the panel in order to connect with various universal connectors
- Power source: 220V AC $\pm 10\%$, 50Hz

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