

**Specification:-**

- High level, high quality digital-analog trainer
- Replaceable 4 pin connector, easy to maintenance
- Combines all essential function of analog and digital experiment
- With removable breadboard, DC power supply, function generator, two pulse switches, 2 1/2 inch 8 ohm 0.5W speaker and etc

Technical**SOLDERLESS 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.
- Therefore, it is very convenient for both teachers and students.

DC POWER SUPPLY:

- Fixed DC output +5V, 1A
- Fixed DC output -5V, 1 A
- Variable DC output 0V to +15V, 1 A.
- Variable DC output 0V to 15V, 1 A.

POTENTIOMETERS:

- Variable resistor VR1 = 1k
- Variable resistor VR2 = 100k

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



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FUNCTION GENERATOR:

- Frequency range: 1Hz 10Hz, 10Hz 100Hz, 100Hz 1kHz, 1kHz 10kHz, 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

SIXTEEN BITS DATA SWITCHES:

- 16pcs toggle switches and corresponding output point.
- When switch is set at down position, the output is LO level; contrarily, it is to be HI level while setting at up position.

TWO PULSE SWITCH:

- (WITH 2 SET OF OUTPUT: (A , A , B , B)) 2pcs pushbuttons contain switches debouncer for eliminating the bounce caused by switch from open to close or from close to open position.

SPEAKER:

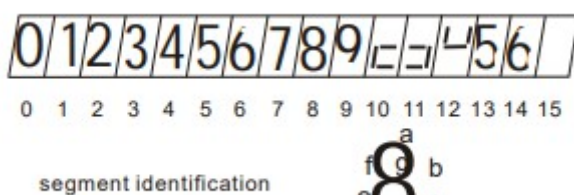
- 2-1/2 inch diameter, 8 ohm/0.5W to be used for load.

FOUR CHANNEL ADAPTOR:

- Both of the two banana sockets' and two BNC jacks' point tips are changeable. It is suitable for to be connected with peripherals.

TWO DIGITS OF 7 SEGMENT LED DISPLAY:

- Output display Numerical designs and resultant displays



(B) Function tables

Decimal Or Function	Inputs				Outputs						
	D	C	B	A	a	b	c	d	e	f	g
0	L	L	L	L	L	L	L	L	L	L	H
1	L	L	L	H	H	L	L	H	H	H	H
2	L	L	H	L	L	L	H	L	L	H	L
3	L	L	H	H	L	L	L	L	H	H	L
4	L	H	L	L	H	L	L	H	H	L	L
5	L	H	L	H	L	H	L	L	H	L	L
6	L	H	H	L	H	H	L	L	L	L	L
7	L	H	H	H	L	L	L	H	H	H	H
8	H	L	L	L	L	L	L	L	L	L	L
9	H	L	L	H	L	L	L	H	H	L	L
10	H	L	H	L	H	H	H	L	L	H	L
11	H	L	H	H	H	H	L	L	H	H	L
12	H	H	L	L	H	L	H	H	H	L	L
13	H	H	L	H	L	H	H	L	H	L	L
14	H	H	H	L	H	H	H	L	L	L	L
15	H	H	H	H	H	H	H	H	H	H	H

SIXTEEN BITS LED DISPLAY:

- 16 red LED's separate input terminals. The LED will be lighted up when input is at HI

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level ,and it will be turned off when it is at no input or at LO level .

OTHER STANDARD ACCESSORIES:

- Power cord
- Pin: 10cm 20pcs/20cm 20pcs
- User manual

INPUT VOLTAGE:

- 110~127VAC 10% 60Hz, 220~240 10% 50Hz Switchable

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