## *ow (

## Feature

. High level, high quality digital-analog trainer
Combines all essential function of digital experiment With DC power supply, IC sockets, two pulse switches, data switch, LED data display, pulse switch, BCD display and clock

Specification

1. IC SOCKETS:

6 IC 20 pins sockets
2. DC POWERSUPPLY:

Fixed DC output: $+5 \mathrm{~V}, 1 \mathrm{~A}$

3. 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 Hllevel while setting at "up" position.
4. SIXTEEN BITSLED DISPLAY:

16 red LED's separate input terminals. The LED will be lighted up when inputis at "HI level" ,and it will beturned off when it is at no inputor at "LO level"
5. TWO PULSE SWITCH:
(WITH 2 SETOF OUTPUT: ( $\bar{A}, A, B, B)$ )
2pcs pushbuttons contain switches debouncer for eliminating the bouncecaused by switch from "open" to "close" or from "close" to "open" position.
6. TWO DIGITS OF 7 SEGMENT LED DISPLAY:
(A) Output display

Numerical designs and resultant displays

$\begin{array}{llllllllllllllll}0 & 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 & 11 & 12 & 13 & 14 & 15\end{array}$
segment identification

(B) Function tables

| Decimal Or Function | Inputs |  |  |  | Outputs |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 |  | L | L | L |  | L | L | L | L | L H |
| 1 | L | L | L | H |  | L | L | H | H | H H |
| 2 | L | L | H | L |  | L | H | L | L | H L |
| 3 | L | L | H | H |  | L | L | L | H | H L |
| 4 | L | H | L | L |  | L | L | H | H | L L |
| 5 | L | H | L | H |  | H | L | L | H | L L |
| 6 | L | H | H | L |  | H | L | L | L | L L |
| 7 | L | H | H | H |  | L | L | H | H | H H |
| 8 | H | L | L | L |  | L | L | L | L | L L |
| 9 | H | L | L | H |  | L | L | H | H | L L |
| 10 | H | L | H | L |  | H | H | L | L | H L |
| 11 | H | H L | H | H |  | H | L | L | H | H L |
| 12 | H | H | L | L |  | L | H | H | H | L L |
| 13 | H | H | L | H |  | H | H | L | H | L L |
| 14 | H | H | H | L |  | H | H | L | L | L L |
| 15 |  | H | H |  |  | H | H | H | H | H H |

7. OTHER STANDARD ACCESSORIES:
(1) Power cord
(2) Pin $: 10 \mathrm{~cm} 20 \mathrm{pcs} / 20 \mathrm{~cm} 20 \mathrm{pcs}$
(3) User manual
8. INPUT VOLTAGE: $110 \sim 127 \mathrm{VAC} \pm 10 \% 60 \mathrm{~Hz}, 220 \sim 240 \pm 10 \% 50 \mathrm{~Hz}$ Switchable
9. DIMENSIONS $(W \times H \times D): 258 \times 95 \times 334 m m$
10. WEIGHT: 4.5 kg
