Digital/Analog Logic Trainer

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RDA-2016B Series

Digital/Analog Trainer is an ideal training kit for

high schools, technical Institution, and universities.

It consists of four main section;

Solderless Breadboard, Power Supply, Analog and Digital Section.

It allows the users to perform both analog and digital experiment

without the use of additional equipment.

LED to **Indicate** Data Switch **On/Off Status**

Removable Turn Pin Connectors which enable you **ease of maintenances.**

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RDA-2016B SERIES SPECIFICATIONS

BREADBOARD	2120 tie point nickel plated contact Removable Type
POWER SUPPLY	Fixed: ±5V, 1A Variable : 0~±15V, 1A
VARIABLE RESISTANCE	1KΩ Potentiometer, 100KΩ Potentiometer

FUNCTION GENERATOR	Sine, Square, Triangle waveforms
	Sine wave output : 0 ~ 10Vpp Variable
	Triangle wave output : 0 ~ 10Vpp Variable
	Square wave output : 0 ~ 10Vpp Variable
	TTL output : 'LO' - < 0.8V
	              'HI' - > 2.3V
	             (50% Duty Cycle)
	Frequency range in 5 steps from 1Hz ~ 100KHz
	Range 1 : 1Hz ~ 10Hz
	Range 2 : 10Hz ~ 100Hz
	Range 3 : 100Hz ~ 1KHz
	Range 4 : 1KHz ~ 10KHz
	Range 5 : 10KHz ~ 100KHz

LED DISPLAY	16 Bits – Model RDA2016B 'HI' Level : On 'LO' Level : Off
7 SEGMENT DISPLAY	Two Digits
SPEAKER	8Ω, 0.25W
PULSE SWITCHES	Two no bounce switches for eliminating the bounce caused by the switch from open to close and vice versa (A, B, $\overline{A}$, $\overline{B}$)
DATA SWITCHES	16 switches with LED display – Model RDA2016B

Output Level	Switch Position	LED
"LO" = 0.1V for TTL	Down	Off
"HI" = 5V for TTL	Up	On

Double Layer Turn Pin Connector (0.6mm)

PIN CONNECTORS	1 X Power Cord
ACCESSORIES	1 X Jumper Wire (in pack) 1 X User Manual 1 X Front Cover

•THE SPECIFICATIONS AND OTHER INFORMATION IN THIS BROCHURE ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. VERSION 2.0

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