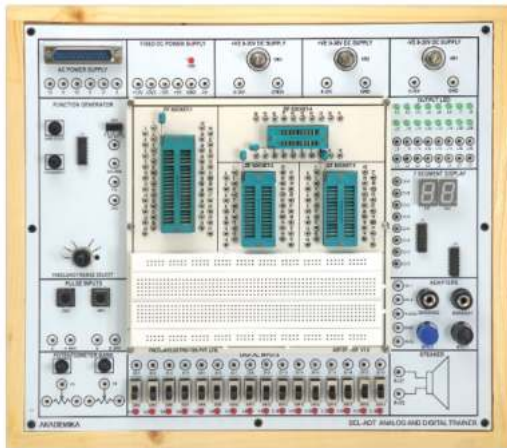# BEL - ADT
Analog And Digital Trainer

FEATURES

• High level, high quality digital-analog trainer
• Combines all essential functions of analog and digital experiment, includes DC power supply, function generator, two pulse switches, 8Ω 0.5W speaker etc.
• Solder-less bread board interconnected with tie points Nickel plated contact, fitted with all DIP sizes and all components with lead and solid wire.

SPECIFICATIONS

DC power supply

• Fixed DC output	: ±5V, ±12V@500 mA
• Variable DC output	: Dual, 0~30V, 0 ~ -30V@500mA
AC power supply	: 5 ~ 0 ~ 5 VAC, 12 ~ 0 ~12 VAC
Potentiometers	: 1KΩ, 10KΩ

Function generator

• Frequency Range	: 1Hz ~ 10Hz
	10Hz ~ 100Hz
	100Hz ~ 1KHz
	1 KHz ~ 10 KHz
	10 KHz ~ 100 KHz

Amplitude

• Sine wave output	: 0 ~ 6Vpp variable@1Hz ~1MHz in step of 5
• Triangle wave output	: 0 ~ 6 Vpp variable @1Hz ~ 300KHz in step of 5
• Square wave output	: 0 ~ 5 Vpp variable @ 1Hz ~ 400KHz in step of 5
• TTL mode output	: 5 V @1Hz ~ 1MHz in step of 5

Two digits of 7 segment LED display

Two pulse switch

• 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 for load

Four channel adaptor

• The two banana sockets and BNC jacks suitable for the trainer to be connected with peripherals

Sixteen bits 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, 28 pin, 20 pin