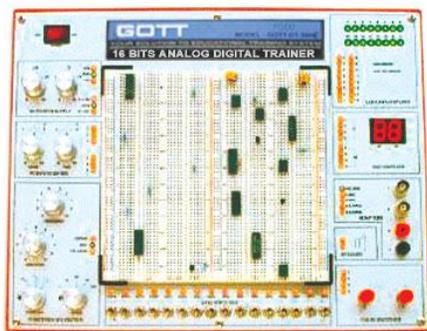


ANALOG DIGITAL TRAINER – 16 BITS

Model Number : GOTT-AD-7000



FEATURES

- 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, 2.25 inch 8 ohm 0.25W speaker and etc.

PRODUCT SPECIFICATION		
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. Therefore, it is very convenient for both teachers and students.	FOUR CHANNEL ADAPTOR Both of the 2 banana sockets' & 2 BNC jacks' point tips are changeable. It is suitable to be connected with peripherals.	
DC POWER SUPPLY Fixed DC output : ±5V, 1A Variable DC output : 0V to ± 15V, 1 A	2 DIGITS OF 7 SEGMENTS LED DISPLAY (i) Output display <ul style="list-style-type: none"> • Numerical designs and resultant displays (ii) Function Tables	
POTENTIOMETERS Variable Resistor VR1 = 1k Variable Resistor VR2 = 100k	2 PULSE SWITCHES With 2 sets of output (\bar{A} , A, \bar{B} , B) and 2pcs push buttons contain switches debouncer for eliminating the bounce caused by switch from open to close/ from close to open position.	
FUNCTION GENERATOR (A) Frequency range : 1Hz -10Hz : 10Hz -100Hz : 100Hz -1kHz : 1kHz -10kHz : 10kHz -100kHz (B) 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 5 Vpp	UNIVERSAL CONNECTOR FIXED HOLDER It reserves universal connector fixed holder on the panel in order to be connected with various universal connectors, which are available as below as optional item : <ul style="list-style-type: none"> • Straight header 60 pin • Card edge connector 2.54 mm 62 pin • D sub 25 pin connector, male & female • Card edge connector 3.96 mm 56 pin • Dip sockets connector 28 pin & 40 pin 	
16 BITS DATA SWITCHES 16pcs toggle switches and corresponding output point. When switch is set at down position, the output is LO level; contrarily, when switch is set at up position, the output is HI level.	16 BITS LED DISPLAY 16 red LED's separate input terminals. The LED will be lighted on when input is at HI level, and it will be lighted off when it is at no input or at LO level	
SPEAKER 2.25 inch 8 ohm 0.25W speaker and etc.	ACCESSORIES: 1) Power cord 2) Pin : 18pcs – 20cm 3) Pin : 18pcs – 12cm 4) User manual	ADDITIONAL MODULE : Please refer to page "Electronic Module".

Manuals :

- (1) All manuals are written in English
- (2) Model Answer
- (3) Teaching Manuals

General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :

2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
ANALOG DIGITAL TRAINER – 16 BITS	GOTT-AD-7000	610-927

* Proposed design only, subject to changes without any notice.