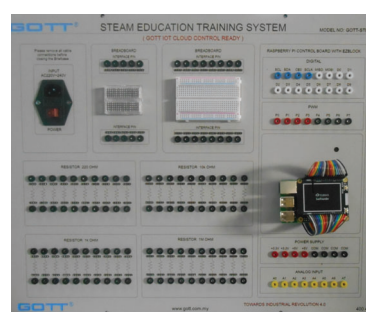


STEAM EDUCATION TRAINING SYSTEM

Model Number : GOTT-STEAM-01



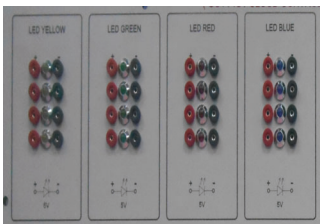
DESCRIPTION

GOTT- STEAM-01 is a magical tool kit with various components inside for learning, which will lead you to the world of Raspberry Pi quickly. It includes 16 lessons, each containing the circuit connection, principles, Fritzing images and code explanations for you to learn Raspberry Pi from scratch. In addition, detailed introduction of the components is included in the manual and you can try some extension experiments by yourself after studying this kit.

FEATURES

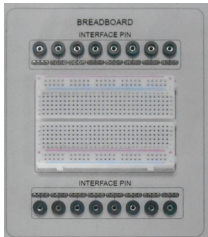
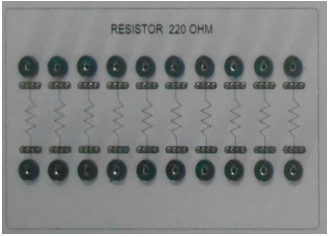
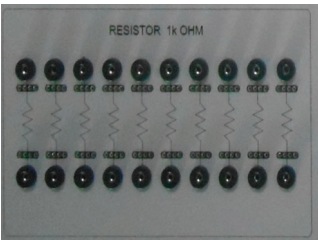
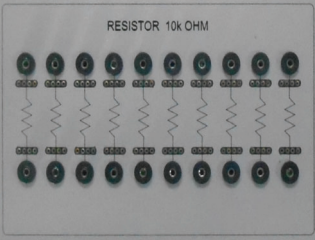
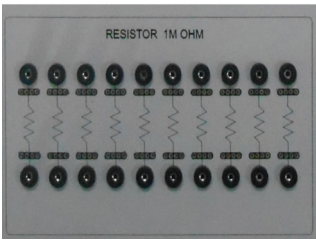
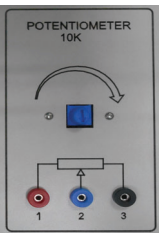
- STEAM Education kit perfect choice for beginners to learn Raspberry Pi, electronics and learning program.
- Provides 16 projects with diverse functions allowing for a dynamic creative experience and comes with software
- GOTT Iot Icloud ready

PRODUCT MODULES

RASPBERRY PI CONTROL WITH EZBLOCK	CODE 400-401	LED MODULE	CODE 400-402	RGB LED	CODE 400-403	PASSIVE BUZZER	CODE 400-404
Raspberry Pi Control with 24 I/O, analog input 8 and Power Supply 3,3 and 5 vdc)		4 kind color of LED, 4 pcs LED Yellow, Green, Red and Blue		Full color common anode RGB LED		A passive buzzer that needs square signals of 2k-5k to drive	
							
PUSH BUTTON	CODE 400-405	MICROPHONE	CODE 400-406	THERMISTOR	CODE 400-407	PHOTORESISTOR	CODE 400-408
5 pcs Push Button Switch		Microphone Sound Module		An NTC thermistor sensor is included, supporting high sensitivity.		A photoresistor module of which the resistance decreases with increasing incident light intensity	
							

STEAM EDUCATION TRAINING SYSTEM

Model Number : GOTT-STEAM-01

CAPACITOR	CODE 400-409	SERVO MOTOR	CODE 400-410	DC MOTOR	CODE 400-411	NPN TRANSISTOR	CODE 400-412
Capacitor Ceramic 100 nf		Servo consists of shell, circuit board, non-core motor, gear and location detection		DC Motors are devices that turn DC electrical energy into mechanical energy		2 pcs NPN Transistor	
							
L293D	CODE 400-413	BREADBOARD INTERFACE PIN 1	CODE 400-414	BREADBOARD INTERFACE PIN 2	CODE 400-415	RESISTOR 220 OHM	CODE 400-416
15 L293D Motor Drive Shield		To do experiments on the breadboard		To do experiments on the breadboard		10 pcs resistor 220 ohm	
							
RESISTOR 1 K OHM	CODE 400-417	RESISTOR 10 K OHM	CODE 400-418	RESISTOR 1 M OHM	CODE 400-419	POTENTIOMETER 10 K	CODE 400-420
10 pcs resistor 1K ohm		10 pcs resistor 10K ohm		10 pcs 1M Ohm		Potentiometer 10k ohm	
							

EXPERIMENT TOPICS :

- Basic Operation
- Press Me
- Breathing LED
- Rainbow
- Remote Control
- Smart Home
- Conductive Finger
- Lucky Cat
- Wake up
- Quiz Buzzer System
- Music Box
- Dancing LED
- Automatic Fan
- Three, Two, One GO
- DO RE MI
- DIY Voltmeter

Manuals:

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

General Terms:

- (1) Accessories will be provided where applicable.
- (2) Manuals & Training will be provided where applicable.
- (3) Designs & Specification 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
STEAM EDUCATION TRAINING SYSTEM	GOTT-STEAM-01	400-400

* Proposed design only, subject to changes without any notice