Learn the foundations of electricity, wiring and the convenience of PLC operation

Satellite Training Series
[English / Japanese / Chinese / Indonesian / Thai / Vietnamese]

Trouble with technical training or learning?

- Too expensive and time consuming to conduct training
- Troublesome to hire an interpreter
- No learning materials or equipment on hand
- Need to increase skill level of engineers
- No competent instructor available
- Training location is too far

Your solution is here

4 piece set for learning the basics of electricity, wiring, and PLC

Supports learning with DVD instruction and textbook in your local language. Training kit for wiring & programming, and engineering software all included in one package!

**DVD Training**

- Explanation by native speakers starting from the basics of sequence control
- Rewatch as many times as necessary
- Suitable as a short training for group learning

**Training kit**

- Hands on practice with training kit
- Easy to carry and set up
- Comprehensive training, from basic wiring to advanced programming

**Textbook**

- Textbook also available in your local language
- Full of practical programming examples
## Training Kit Specifications

### Training Kit Configuration
- **Wiring training DEMO unit**: 24VDC power supply, Lamp, Pushbutton switch, Relay, Wires, Screwdriver
- **Program training DEMO unit**: FX3G series PLC (FX3G-14MR/ES), Switches (pushbutton, toggle, limit, selector), proximity sensor, lamp, buzzer, motor, magnetic contactor, relay, solenoid valve

### Accessories
- USB cable (3m)
- Power cable (2m)
- Storage box
- FX3G series PLC hardware manual

### Power Supply
- AC100V 50/60Hz 35W (PLC training demo unit), 15W (Wiring training demo unit)

**Box dimensions (weight)**
- 500W × 250D × 240H mm (approx 8kg)

## Textbook Contents

### Chapter 1  What is Sequence Control?
- 01. What is Sequence Control?
- 02. Performing Sequence Control
- 03. Wiring Training
- 04. Wiring Diagram, Sequence Diagram

### Chapter 2  What is PLC?
- 05. What is PLC?
- 06. PLC Structure
- 07. PLC Wiring
- 08. PLC Program

### Chapter 3  GX Works2
- 09. GX Works2 Operation
- 10. Starting the Software and Screen Structure
- 11. Program Using the Function Key
- 12. Writing a Project to PLC
- 13. Checking the Operation

### Chapter 4  Sequence Instructions
- 14. Sequence Instructions
- 15. How to Program

### Chapter 5  Program Exercise
- 16. Program Exercise
- 17. Program Example: Escalator Control

### Language

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* Every model includes Japanese version as well.

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### Safety Warning
- To ensure proper use of the products in this document, please be sure to read the instruction manual and textbook prior to use.
- The Wiring training DEMO unit and Program training DEMO unit are for 100VAC power supply. DO NOT use other types of power supply.

### New Publication
- Effective Aug. 2014
- Specifications are subject to change without notice.

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