

# Training Videos and Online Training

## INTERCONNECTING AUTOMATION

### “Introduction to PLC Logic and Principles” Training Video Set

Mr. Doug Bell of InterConnecting Automation, Inc., offers a basic PLC video training package.

#### The kit includes the following:

- Two video tapes showing examples of programming with *DirectSOFT*. You can get “Hands-On” experience by following along with the instructor who is using the same hardware. (*DirectSOFT* V2.4a, or later, can be used with this course.)
- Pre-wired PLC trainer based on the AUTOMATIONDIRECT D0-05AR PLC, with push-buttons, lights, selector switches and a programming cable ready to plug into your computer
- A DL05 Users Manual, which is referred to throughout the video and is great for future reference

#### Benefits of this video course:

- Work in the privacy of your own home/office
- No need to travel anywhere — your family won't have to do without you!
- Learn at your own pace — take a break when you need it
- Refer to the video at any time — you'll still have the hardware to experiment with

#### Overview of course content:

- Basics: introduction, basic wiring, logic AND & OR, sensors, relays, reasons for using a PLC, AUTOMATIONDIRECT PLC families
- CPU Internals: scan time, addressing, I/O (Xs and Ys), commands
- I/O: inside the I/O boards, octal addressing, programming methods -- hand-held programmer - *DirectSOFT*
- *DirectSOFT*: getting started, the launch pad, links, offline vs. online programming, maneuvering through & using *DirectSOFT*, creating and editing rungs
- Programming & Debugging: using inputs and outputs, debugging and status mode, PLC commands, troubleshooting

### “PLC Analog I/O” Training Video Set

Mr. Doug Bell of InterConnecting Automation, Inc., offers a PLC Analog I/O training video set.

#### The kit includes the following:

- Two 2-hour analog training videos, firmware upgrade instructional video, a pre-wired analog trainer and DL05 analog I/O module and manual. This unit is a “plug-and-play” add-on to the DL05 PLC Trainer or any existing DL05 PLC.

#### PLC Pre-wired Analog I/O Trainer:

- Two 0-10 VDC meters
- Two 0-5 VDC potentiometers
- 24 VDC wall-mount power supply
- DL05 analog combo module, plus pre-wired cable from the trainer to the module, ready to plug into your DL05 PLC trainer or any existing DL05 PLC.

#### Benefits of this video course:

- Work in the privacy of your own home/office
- No need to travel anywhere — your family won't have to do without you!
- Learn at your own pace — take a break when you need it
- Refer back to the video at any time — you'll still have the hardware to experiment with.

#### Overview of course content:

- Analog I/O principles - voltage, current, thermocouples
- PLC analog modules - input, output, thermocouple
- Configuring the analog I/O modules in the PLC
- DL05 PLC analog tutorial includes configuration, wiring, scaling (standard and non-standard) and programming, using the potentiometers and voltmeters on the trainer unit
- Application programming examples, including controlling motor speed with a drive and an analog output card in a PLC

To order the PLC Logic and Principles video or the PLC Analog I/O video, contact InterConnecting Automation directly at: 414-425-8348, or online at [www.interconnectingautomation.com](http://www.interconnectingautomation.com)



### Inexpensive online PLC training now available

Interconnecting Automation offers an inexpensive subscription-based online training program. The online training section is a component of [www.interconnectingautomation.com](http://www.interconnectingautomation.com).

Visitors can view the complete list of videos in each “library” as well as watch sample videos; when ready to purchase, the prospective member registers and pays for their selected libraries on a monthly basis. The member receives unlimited access from a maximum of two PCs anytime during the 30 days; videos can be viewed as many times as needed during the subscription period. Most libraries range from \$29.95 - \$39.95 per month.

#### Libraries currently available include:

- Introduction to PLC Principles (For the novice-non user with limited controls knowledge)
- CLICK series PLC Training (includes Introduction to PLCs library)

Future libraries include Productivity3000 Training (includes Introduction to PLCs library) and C-more HMI training.

Many of these video libraries will also be offered as interactive training courses, with progress tests and certification upon completion.

For more information, to view sample videos or register for a subscription, visit:

[www.interconnectingautomation.com](http://www.interconnectingautomation.com)