

# SLC-500™ and MicroLogix™ Program Storage Device for Easy Backup, Storage and Transfer of PLC Programs

**The right choice to simplify your PLC® program backup and shipping issues.**

## Product Profile

The new 1747-PSD program storage device simplifies PLC program backup and upgrade shipping issues for the users of MicroLogix 1000 and SLC-5/03, -5/04, and -5/05 processors. It allows the backup of PLC programs without the need for a computer or programming software. OEMs can confidently ship program upgrades to end users for easy and low cost installation at remote sites.

## Capabilities

The 1747-PSD performs many functions. The device can upload programs from PLCs or download programs to PLCs. It will toggle the PLC from Run Mode to Program Mode and allows the transfer of programs between PLC memory and an EEPROM memory cartridge. The device also has the ability to clear the processor's memory.

## Features

The 1747-PSD provides reliable storage of user programs. The device is designed to handle over 10,000 uploads and an unlimited number of downloads. It performs error checking prior to downloading a PLC program to ensure that the program is compatible with the target PLC.

The PSD can be powered by either two AAA batteries or by an external 7-30V dc power supply. A battery save feature shuts off power 30 seconds after the operation is completed. Stored programs are retained in Flash EPROM memory even if the batteries and power supply fail.

The hand-held device is lightweight and very easy to use. Only minimal training should be needed. One red LED and one green LED provide instant status feedback to the user. For ease of operation, all of the PSD functions can be accessed using one switch and one pushbutton.



Installation of the 1747-PSD is simple, using a standard RS-232 9-pin D-shell connector. The device attaches to the PLC with standard SLC-500 and MicroLogix cables (1747-CP3 and 1761-CBL-PM02). Access is via the MicroLogix 1000 mini-din RS-232 port or the SLC-500 processor 9-pin RS-232 port.

For maximum compatibility, the 1747-PSD can store the largest PLC programs of the SLC-500 and MicroLogix processors.

**Please contact your local Distributor or Sales office for Product Availability.**

## 1747-PSD General Specifications

Description	Specification
Memory Size (words)	64K max
Compatible with CPUs	5/03, 5/04, 5/05 MicroLogix 1000
Memory Type	Flash EPROM
Operating Power	7-30V dc, 250mA max, or (2) AAA batteries
Operating Temperature	0°C to +60°C (+32°F to +140°F)
Storage Temperature	-40°C to +85°C (-40°F to 185°F)
Humidity	5 to 95% noncondensing
Vibration	Operating: 1.0G at 5 to 2000Hz Non-operating: 2.5Gs at 5 to 2000Hz
Shock	Operating: 30.0Gs (3 pulses, 11ms) Non-operating: 50.0Gs (3 pulses, 11ms)
Free Fall (drop test)	Portable, 2.268kg (5 lbs) or less at 0.762m (30 in.) (six drops)
Noise Immunity	NEMA Standard ICS 2-230
Agency Certification (when product or packaging is marked)	UL listed C-UL listed Class I, Groups A,B,C,D, Division 2 (with batteries only) CE compliant for all applicable directives
Dimensions - mm (in.)	66 (2.60) W x 116 (4.58) H x 28 (1.10) D
Weight - kg (lb)	0.45 kg (1 lb.)

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