PROMlink is a user-friendly, menu-driven software package that allows you to control Data I/O® programmers from your personal computer.

PROMlink offers on-screen file editing, data storage to disk, and extensive on-line help functions.

Full operation of your Data I/O programmer & IBM® PC →

Store device files on 5¼" floppy disk →

Devices listed by manufacturers' part numbers →

"HELP" text on-line for every menu function →

Program device	**Edit RAM**
Load RAM from file	**Display RAM contents**
Load RAM from device	**Statistics**
Create file from RAM	**Select device type**
Blank check device	**Select I/O format**
Verify device with RAM	**Select programmer type**
List directory	**Set operation boundaries**
Fill RAM with data byte	

← On screen editing of RAM

← Programming session statistics showing number of parts programmed and number of errors can be stored on a disk

← Can select devices from 33 manufacturers

← Can select from over 30 formats

EASY-TO-USE FUNCTION MENU

PROMlink has easy-to-use menus that provide complete control of programmer operation. Each menu and PROMlink function has its own "help" text that gives you extensive support information. Movement among the PROMlink menus is simple. Selection of functions is performed by entering a number displayed on the menu. Device selection is by manufacturer and device type.

FULL ON-SCREEN EDITING FUNCTION

The user has complete control over the programmer's RAM. This allows you to edit device data on the PC for filing or downloading to the programmer.

STORE DATA AND PROGRAMMER LOAD FILES ON 5-¼" FLOPPY DISKS

Program data can be stored on PC disks, making future device programming as simple as loading a file from a disk into the programmer. Programming session statistics that indicate how many devices have been programmed and how many errors have occurred are accumulated automatically and saved on a disk at your request. PROMlink also saves default operating parameters that you define, so you don't have to specify the same parameters over and over again.

PROGRAMS BIPOLAR PROM AND LOGIC

With its ability to automatically go into a logic programmer's E1 mode menu from the configuration menu, editing logic with PROMlink is a breeze. The volume of bipolar and logic devices PROMlink supports is expanding exponentially.

ON-LINE HELP FOR ANY FUNCTION

With any function command, you have ready access to a "help" text. This gives you detailed descriptions of the command and its options. Default operating parameters eliminate the need to set up the same parameter each time PROMlink is run. Stored on a disk, these parameters include programmer type, device type, and I/O format. The status of the programming system is always displayed for your convenience.

SOFTWARE UPDATE SERVICE

A Software Update Service is available, which provides users with feature enhancements and support for the latest devices for 12 months beyond the 90-day free service period. Contact your Data I/O representative for more information.

29B UNIVERSAL PROGRAMMING SYSTEM

Data I/O's 29B Universal Programming System gives you more than 1600 devices to choose from. Interchangeable paks and 128k x 8 (1 megabyte) standard RAM provide the built-in flexibility to support today's wide variety of devices, from CMOS EPROMs and vertical-fuse bipolar PROMs to microcontrollers, programmable logic devices (PLDs) and surface-mount devices. This complete programming freedom means the devices you select are dictated by your design, not your programmer.

SERIES 22 PROGRAMMER & 60A LOGIC PROGRAMMER

The Series 22 and 60A are compact, desktop programmers, designed for portability and user convenience. The Series 22 programs over 700 MOS and bipolar memory devices. The 60A programs and tests over 160 programmable logic devices. Optimized algorithms minimize programming times, and accurate devices are guaranteed by three-tier testing.

201 EPROM PROGRAMMER

The 201 EPROM Programmer is a single-socket programmer that supports virtually every MOS/CMOS EPROM and EEPROM device. Standard features include: support for more than 140 devices, scrolling menus for fast operation, 16-key hex pad, two remote control protocols via the RS232C port, a downtime protection plan, and user-installable updates to keep device support up to date.

280 SET PROGRAMMER

Data I/O's 280 Set Programmer gives you high performance at an affordable price. The 280 programs up to eight MOS/CMOS EPROM and EEPROM devices at a time, either identically or in sets. Standard features include: support for more than 140 devices, scrolling menus for fast operation, 16-key hex pad, two remote control protocols via the RS232C port, a downtime protection plan, and user-installable updates to keep device support up to date.

COMPATIBILITY

PROMlink is compatible with the following personal computers:

- IBM PC, XT, and AT
- AT&T 6300
- Compaq Portable and Compaq Plus
- Texas Instruments Professional

  The software program may run improperly on any other PC.

SUPPORTED PROGRAMMERS

- 29B Universal Programming System (using either a UniPak 2B™, GangPak™, LogicPak™, or MOSPak™)
- Series 22 Programmer
- 60A Logic Programmer
- 120A/121A Gang Programmers
- 280 Set Programmer
- 201 EPROM Programmer

SYSTEM REQUIREMENTS

PROMlink operates on any PC-DOS® operating system, 1 DSDD 5.25″ floppy disk drive, 128k RAM, and on RS232C serial communications port.

The PROMlink software is distributed on a 5.25″ DSDD floppy disk.

FEATURES

- Provides complete control of a programmer from a PC
- Disk storage and retrieval of programmer RAM data
- Menu-driven operation
- On-line help messages
- Expanded error definition
- Includes menus of programmers, device manufacturers, input/output formats, and devices; for easy set-up and programming
- Full screen display of programmer RAM contents, in hexa-decimal and ASCII formats
- Easy editing of programmer RAM contents
- Automatic collection of programming statistics
- RS232C serial communications cable

MANUFACTURER'S DEVICES SUPPORTED

Altera	Intel	Ricoh
AMD	Intersil	Rockwell
Cypress	Lattice	SEEQ
Eurotechnique	Mitsubishi	SGS-ATES
Exel	MMI	Signetics
Fairchild	Mostek	Sprague
Fujitsu	Motorola	Texas Instruments
General Instruments	National Semiconductor	Thomson
Harris	NEC	Toshiba
Hitachi	OKI	Waferscale Integration
Hughes	Raytheon	Xicor

DATA I/O