FIRE·LITE® ALARMS

June 29, 1998 H-150

PK-9200W

Off-Line Programming & Test Utility for the MS-9200

Section: Software

GENERAL

The **Fire•Lite PK-9200W** is a versatile, Windows®-based, off-line programming and test utility for the **MS-9200 198-Point, Addressable Fire Alarm Control Panel** (FACP). Using the PK-9200W's logical sequence of "point and click" menu selections, a fire alarm system designer/specifier can create an entire program for the MS-9200 in the comfort of the office, check it for common errors, store it, then bring it to the job site for downloading into the control panel. This can greatly reduce installation programming time, increase confidence in the site-specific software and eliminate common programming errors.

The powerful PK-9200W includes ***error checks*** for common programming mistakes, such as an input point that does not activate any outputs, or an output point that is not linked to any inputs. It also includes a ***simulation option*** that will list all of the output points that are activated by a particular input point, or alternately, list all the input points that are linked to a particular output. Although the error checks and simulation option do not eliminate on-site testing, they greatly increase the confidence in the final installation.

Additionally, the PK-9200W includes a ***compare routine*** that can greatly help the installer by significantly reducing reacceptance testing. When a new program is created, it may be compared with a previous version with the differences highlighted in the display. If the panel programming is modified from the internal keypad, it may be uploaded into the PK-9200W and compared with a previous version stored on disk. This identification of program differences significantly assists the installer in testing the installation per NFPA requirements. NFPA 72 — National Fire Alarm Code states that reacceptance testing of a fire alarm system shall be performed on 100% of all points that are "known" to be modified. The PK-9200W allows the installer to easily identify the exact points that are changed.

PK-9200W FEATURES

The PK-9200W allows system designers/specifiers to:

- Store operator information in a database through the Operator Identification Utility.
- Provide four separate authority levels through Password protection.
- Utilize the Download File Utility to create a Master Default Download Program or modify existing programs.
- Examine retrieved panel programs through the Upload File Utility.

- Efficiently attach nouns and adjectives to all 198 addressable points of the MS-9200.
- Sort programming data in a tabular setup screen by device address, type, function or zone.
- Compare separate upload/download files location by location through use of the File Comparison Utility.
- View a graphic representation of all installed devices (up to 198).
- Utilize the Simulate feature to display correlation of inputs to outputs.
- Select Verification of program prior to downloading to identify programming errors.
- Save, display and print upload/download file information.
- Utilize the Convert option to convert DOS-based programming files from the old PK-9200.

COMPUTER REQUIREMENTS

- An IBM® or compatible computer, a 386 (minimum) microprocessor (486DX or greater is recommended), and a minimum of 4 megabytes of onboard RAM. The program must be run from a hard drive and requires a minimum of 4 megabytes of available hard drive space.
- A VGA (minimum) monitor with a resolution of 640 x 480 @ 256 colors (minimum) is required for adequate display of the program screens.
- An IBM compatible mouse or track ball should be used to run the program. The program may also be run from a standard 101-key keyboard, although certain features may not be accessible.

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- A printer is not required for operation of the program, but is required for printing a hard copy of upload/download files.
- Microsoft® Windows® 3.1 or higher must be installed to run the program. PK-9200W was developed in the Windows 95 environment and runs best on a computer running Windows 95.

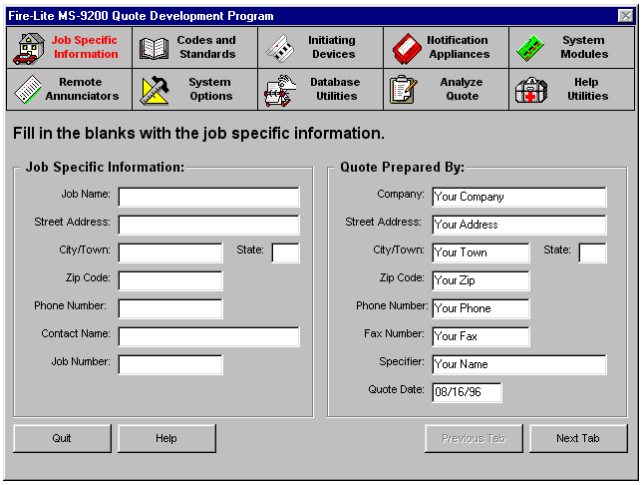
ON-LINE HELP

A comprehensive on-line help feature is accessible from within each screen.

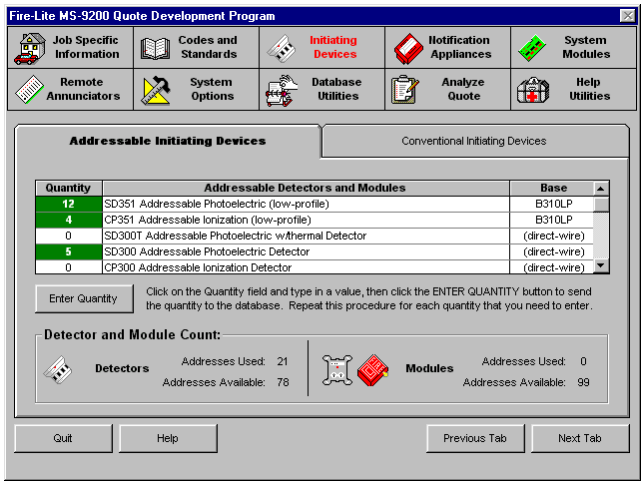
ORDERING INFORMATION

The PK-9200W includes 3-1/2" floppy disks and installation sheet. A PIM-24 hardware kit is required to interconnect to the MS-9200.

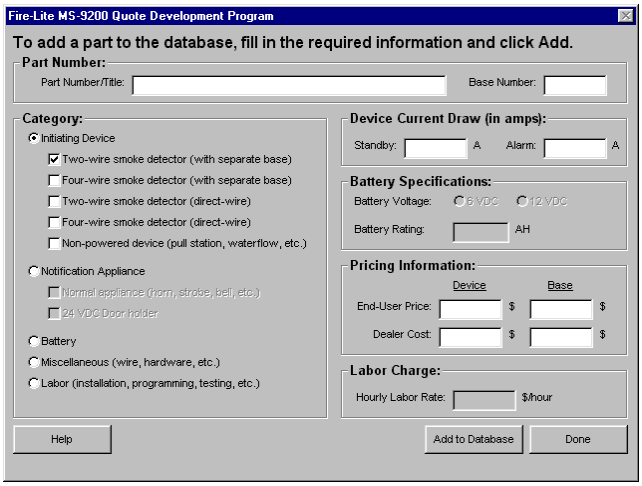
TAB DRIVEN SCREENS ... Specific screens are easily accessed by "point and click," clearly identified tabs. Tabs include: *Job Specific Information, Codes and Standards, Initiating Devices, Notification Appliances, System Modules, Remote Annunciators, System Options, Database Utilities, Analyze Quote,* and *Help Utilities.*



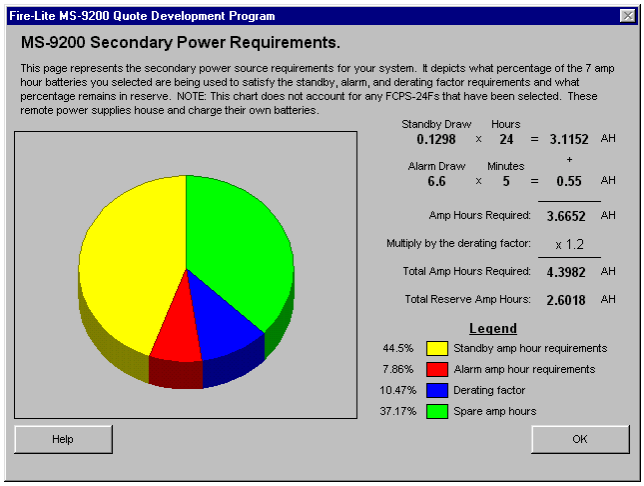
Job Specific Information screen allows user to identify job specifics, as well as *Quote Prepared By* information, both of which appear on final printed quote.



Initiating Devices screen allows user to select number & type of addressable and/or conventional initiating devices. A count of addressable devices is kept to ensure user does not exceed 99 detectors or 99 module maximums.



Database Utilities screen permits user to access user-defined database of parts including initiating devices, notification appliances, batteries, etc., with current draws for inclusion in battery calculations.



Analyze Quote screen identifies potential conflicts as well as provides *Secondary Power Requirements* (batteries), *shown above*, based on type of NFPA fire alarm system chosen, with colorful pie chart identifying amp hour requirements breakdown.