



# PREFACE

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## Welcome to PM Designer

### The configuration software for HMI products, PanelMaster and PanelExpress

Thank you for purchasing PM Designer. This manual describes PM Designer operation procedures and details about each feature.

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#### Precautions

- 1) Do not use the touch panel switch as an emergency stop switch. For safety reasons, it is required that all industrial machinery and systems must be equipped with a mechanical, manually-operated emergency stop switch.
- 2) Do not use the touch panel switch that could result in human injury or equipment damage. Failure with the touch panel, the processing unit, and the cables that make the output stuck at ON or OFF could result in a serious accident.

## I. Documentation Conventions

### Product-related Abbreviations and Terminology

This manual uses the following terminology.

Terminology	Description
The Software	Indicates PM Designer, the integrated development tool for HMI products
The Runtime software	Indicates PanelExpress, a miniature SCADA runtime program
Application	The screen application created with the software on the PC.
Target Panel	The HMI (Human-Machine Interface) unit or the computer that runs PanelExpress where the screen application is downloaded to and displayed from.
Controller	Indicates controller, such as programmable logic controllers (PLCs), motion controllers, thermal controllers, inverters, and so on.

This manual uses the following abbreviations.

Abbreviations	Corresponding Target Panel
PM	All PanelMaster Series HMI products
PE	PanelExpress
LSK	PL037-LSK, PV037-LSK, PV037V-LSK, PL057-LSK, PV057-LSK, PV057V-LSK
TSK	PL057-TSK, PV057-TSK, PV057V-TSK
WKT	PL070-WKT, PV070-WKT, PT070-WKT

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## II. Installing the Software

### 1. System Requirements

The following hardware and software are required to use PM Designer.

#### Free hard disk space

PM Designer, once installed, takes around 170 MB of hard disk space. The installation procedure (only at installation time) requires twice as much (i.e. 340 MB).

#### RAM working memory

The memory requirements are as required by the OS. However a minimum of 512MB RAM is recommended for decent performance when the user is having large projects with high color bitmaps.

#### Minimum OS requirements:

Windows 2000™ SP4

Windows XP™ SP2 (for all flavors of XP such as Home, Media Center, Tablet PC)

Windows Server 2003™

Windows Vista™

Windows 7™

### 2. Software Installation

#### ■ Installing PM Designer

To install the software, you may do the following:

1. Close all other programs.
2. Select and click setup.exe in the CD or PM Designer's installation folder.
3. Follow the on screen prompts.
4. The default location for the software is "C:\Program Files\PM Designer". You also have the option to change the software to a different location on your hard drive.



The installation procedure will create a program group within Windows™. A software icon will be added to your desktop. The software also appears on the Windows™ start menu under **Start > All Programs > PM Designer**

#### ■ Technical Support

For questions about PM Designer, contact **your local sales representative** or mail to **service@cermate.com**.

#### ■ How to Report a Bug

The software development team is proud to present a high quality program with minimal bugs. Despite their best efforts, however, bugs do occasionally appear. Should you notice a problem with the software that you think may be a bug, please report it to your local sales representative or mail it to **service@cermate.com**.

Please include as much information as possible, including a description of the irregularity, the type of PC and panel that you have, any other software that was running when the problem occurred, and the sequence of steps that led to the problem.

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