

# Pro-face/Xycom Workstation Recovery Media Software Installation Instructions for Microsoft® Windows® 98\_SE

<i>Revision</i>	<i>Description</i>	<i>Date</i>
A	Manual Released	8/01
B	Boot floppy disk creation steps added	4/04
C	Name change, correct where applicable with document	4/07

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## **Overview:**

The *XA\_WIN\_98\_SE CD-ROM*, shipped in the documentation kit that came with your unit, will be used for reinstalling Microsoft® Windows® 98\_SE on your Pro-face/Xycom Industrial PC. This will only be necessary in a few cases, including:

- the hard drive on your unit has failed
- you are replacing your hard drive as part of your preventive maintenance program

### **Note**

This document is only applicable to units sold with an OS installed by Pro-face. In other words, if the recovery media CD is not labeled as “Recovery Media” for “Software: “*XA\_WIN\_98\_SE*” then Pro-face didn’t install the OS.

If you encounter problems setting up Windows 98\_SE, see the Setup.txt file that comes with Windows. That file is on the “Recovery Media” CD Disk. The path is <CD-ROM drive>:\WIN98\Setup.txt.

### **Note**

Microsoft® Windows® 98\_SE can be reinstalled using the bootable CD-ROM on your Pro-face/Xycom unit, or you can create a backup boot floppy disk and use the disk for reinstalling Windows® 98\_SE.

This procedure will reinstall Windows® 98\_SE on your Pro-face/Xycom computer. Drive C will be re-formatted as part of this process, and any data files on that drive will be destroyed. You are urged to make copies of any data files on drive C.

The *XA\_WIN\_98\_SE CD-ROM* is bootable, which will simplify the reinstallation process on computers with bootable CD-ROM drives. Most Pro-face/Xycom computers ordered with CD-ROM drives support this option. If your Pro-face/Xycom Industrial PC was ordered with a CD-ROM drive, determine whether the BIOS supports this feature. If it does, be sure that the boot order shown in the BIOS will cause the system to check the CD-ROM drive for a bootable image before checking the hard drive for a bootable image (e.g., CD-ROM drive, then floppy drive, then hard drive). Once the BIOS is set, follow the instructions under “*How to reinstall Windows® 98\_SE with the bootable CD-ROM*”.

If your system does NOT have a bootable CD-ROM, or if you are not comfortable making modifications to your BIOS settings, you will use the *XA\_WIN\_98\_SE CD-ROM* to make a backup boot floppy disk for reinstalling Windows® 98\_SE. Any desktop, laptop, or industrial PC with a floppy drive, and a CD-ROM drive can be used to create this backup diskette. To create the backup boot floppy disk, follow the instructions under “*How to create a backup boot floppy disk*”. Then follow the instructions in “*How to reinstall Windows® 98\_SE with the backup boot floppy disk*” to complete the process.”

#### NOTE

When reinstalling your operating system, you will be prompted to install a Microsoft Windows 98\_SE CD or Floppy disk. When you get this prompt, install the *Pro-face/Xycom Recovery Media CD labeled XA\_WIN\_98\_SE CD Disk 1 of 1* or the setup Floppy labeled *XA\_WIN\_98\_SE Setup Floppy Disk 1 of 1* instead. The Microsoft Licensing Agreement requires that their name shall not be used on the recovery media label or packaging artwork.

## How to reinstall Windows® 98\_SE with the bootable CD-ROM

You will need:

- your Pro-face/Xycom unit with bootable CD-ROM drive, and
  - the *XA\_WIN\_98\_SE CD-ROM* shipped with your unit
  - *Microsoft® Windows® 98\_SE Product Identification number (PID)* for your system. The PID for your system can be found on the Microsoft® sticker attached to the rear chassis of your Pro-face/Xycom Industrial Computer. You will see the PID number in the following format:  
“XXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXXX,” where X is an alphanumeric character.
1. Verify that your Pro-face/Xycom unit’s BIOS is configured to boot to the CD-ROM drive. If your system’s BIOS does not support booting to the CD-ROM drive, follow the instructions in “*How to create a backup boot floppy disk*” and “*How to reinstall Windows® 98\_SE with a backup boot floppy disk*”.
  2. *Insert XA\_WIN\_98\_SE CD-ROM* into the CD-ROM drive and cycle power on the system.

3. Follow the start up menu instructions on the screen:
  1. Start Windows 98 Setup from CD-ROM
  2. Create Windows 98 Backup Boot Floppy Disk
4. Select **1** (or press **ENTER**) to begin the installation
5. The following message will appear:

You may encounter messages listed below while running setup:

  1. Please make sure Windows 98 boot disk is in Drive A.
  2. Remove all disks from floppy disk drives and click OK to restart.  
If you encounter any of these messages, please insert/remove Windows 98 CD.

### **NOTE**

The messages you will encounter during the installation that refer to the floppy disk and floppy disk drive are the original message from Microsoft®. Please disregard the floppy disk references.

6. Press **ENTER** to continue with the installation.
7. The Microsoft® Installation screen will appear. Follow the directions as they appear during this process.
8. When the installation is complete, remove the *XA\_WIN\_98\_SE CD-ROM* and cycle power on the unit.
9. You will now need to install your drivers. Go to the section “*Device Driver Installation*”.

## **How to create a backup boot floppy disk:**

You will need:

- a computer with a floppy drive and a CD-ROM drive (bootable drive optional),
- *XA\_WIN\_98\_SE CD-ROM*, shipped with your unit,
- 1 blank diskette labeled:  
*XA\_WIN\_98\_SE Floppy Disk 1 of 1*
- *Microsoft Windows 98\_SE Product Identification number (PID)* for your system. The PID for your system can be found on the Microsoft sticker attached to the rear chassis of your Pro-face/Xycom Industrial Computer. You will see the PID number in the following format: “XXXXXX-XXXXXX-XXXXXX-XXXXXX- XXXXX,” where X is an alphanumeric character.

You can use any computer create the boot floppy disks, even your Pro-face/Xycom unit. After selecting the computer you want to use, follow the appropriate set of instructions below.

## **How to create a backup boot floppy disk on a computer with a bootable CD-ROM drive:**

### **Note**

You can create a backup set of boot floppy disks on any computer with a bootable CD-ROM drive **WITHOUT** installing Windows® 98\_SE on that computer.

1. Verify that the BIOS on the computer with the CD-ROM drive is configured to boot to the CD-ROM drive. If your system's BIOS does not support booting to the CD-ROM drive, follow the instructions in the next section "*How to create a backup set of boot floppy disks on a computer without a bootable CD-ROM drive*".
2. Insert *XA\_WIN\_98\_SE CD-ROM* into the CD-ROM drive and cycle power on the system.
3. Follow the start up menu instructions on the screen:
  1. Start Windows 98 Setup from CD-ROM.
  2. Create Windows 98 Backup Boot Floppy Disk
4. Select 2 to begin the boot floppy creation.
5. Insert the blank diskette labeled *XA\_WIN\_98\_SE Floppy Disk 1 of 1* into the floppy drive and press **ENTER** to begin the process.
6. When the backup boot floppy disk program is completed, remove the boot floppy disk from the floppy drive.
7. Go to "*How to reinstall Windows® 98\_SE with a backup boot floppy disk*" section to complete the process.

#### **How to create a backup boot floppy disk on a computer without a bootable CD-ROM drive:**

**NOTE:**

This procedure can be run on a computer that is running Windows® 98\_SE.

1. On the computer with the floppy drive and CD-ROM drive, insert *XA\_WIN\_98\_SE CD-ROM* into the CD-ROM drive.
2. At the DOS command prompt, switch to the CD-ROM drive.
3. Type **makebt.bat** and press **ENTER**.
4. Follow the instructions on the screen:

To make a startup disk, label a disk "*XA\_WIN\_98\_SE Floppy Disk 1 of 1*" and insert into drive A:
5. Insert the blank diskette labeled *XA\_WIN\_98\_SE Floppy Disk 1 of 1* into the floppy drive and press **ENTER** to begin the process.
6. When the boot floppy disk program is completed, you will be returned to the prompt.
7. Go to the "*How to reinstall Windows® 98\_SE with the backup boot floppy disk*" section to complete the process.

#### **How to reinstall Windows® 98\_SE with the backup boot floppy disk:**

1. Move to the Pro-face/Xycom Industrial PC on which you want to reinstall Windows® 98\_SE. Verify that your Pro-face/Xycom unit's BIOS is configured to boot first to the floppy drive. This is almost always the case. If it is not, modify the configuration to support booting to the floppy drive.

**NOTE**

If you are not comfortable making modifications to the BIOS settings, it is safe to assume that the settings are correct. If you perform step 2 and the installation messages do not appear, call Pro-face Tech Support at 734.429.4971 for assistance.

2. Insert the boot floppy, labeled *XA\_WIN\_98\_SE Setup Floppy Disk 1 of 1*, into the floppy drive and power-up the system.
3. Press **Enter** to start Windows 98 setup from CD-ROM.
4. Insert the *Recovery Media CD-ROM* disk, labeled *XA\_WIN\_98\_SE CD 1 of 1*, into the CD-ROM drive. You will be prompted to press a period to initialize the drive.
5. Following this action you will see the **Welcome To Setup** screen. Press **Enter**.
6. Follow the Windows® 98\_SE installation instructions as they appear on the screen to complete the setup process.
7. You will now need to install your drivers. Go to the section “*Device Driver Installation*”.

### How to install the device drivers:

Device drivers for items such as a mouse, touch screen, keypad, Ethernet, and/or CD-ROM will need to be installed after Windows® 98\_SE is reinstalled.

**NOTE**

The correct device drivers are shipped with your Pro-face /Xycom computer on the Documentation and Support Library CD-ROM. The drivers can also be downloaded from Pro-face at [www.profaceamerica.com](http://www.profaceamerica.com).

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