

PowerQuest® BootMagic® Quick Start Guide

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Getting Started

PowerQuest's BootMagic is a powerful disk-management tool that helps you run multiple operating systems on a single PC. Each time you start or restart your computer, BootMagic presents a list of operating systems (OSs) you can boot from. The configuration program lets you quickly select the OSs you want to appear in the **BootMagic Menu** and lets you set various boot-time options such as a default OS and a startup delay.

With BootMagic, you can easily switch between OSs, using whichever OS best suits your immediate needs. You can even try out a new OS risk-free, knowing that your old OS is there, readily accessible when you need it.

Supported Operating Systems

BootMagic supports the following operating systems:

- Windows 98
- Windows 95
- Windows NT 4.0
- Windows NT 3.51
- Windows 3.x (must be installed with DOS 5 or later)
- MS-DOS 5.0 or later
- PC-DOS 6.1 or later
- Open DOS
- OS/2 3.0 or later
- Linux
- BeOS
- most other versions of DOS
- some other PC-compatible OSs

BootMagic System Requirements

The following table lists the minimum and recommended system requirements for installing and using BootMagic.

Hardware/Software	Minimum	Recommended
Processor	Intel/486SX	486 or above
RAM	4 MB (Windows 95, Windows 98 and Windows NT require additional memory)	16 MB or more
Hard-disk free space	10 MB	10 MB
CD-ROM drive	Any speed	Any speed
3.5-inch diskette drive	3.5-inch diskette drive	3.5-inch diskette drive
Operating system	Windows 3.x, Windows 95, Windows 98, Windows NT 4.0, DOS 5.0 or later	Windows 3.x, Windows 95, Windows 98, Windows NT 4.0, DOS 5.0 or later
Monitor	VGA	Super-VGA
Pointing Device	No pointing device is required to operate BootMagic	Microsoft mouse (or compatible pointing device)

Installing BootMagic

You can install BootMagic from Windows 95, Windows 98, Windows NT 3.51 or 4.0, and DOS 5.0 or later. For Windows 3.x systems, exit Windows and use the DOS installation.

IMPORTANT! BootMagic must be installed to a FAT or FAT32 primary partition on the first hard disk.

To install BootMagic, follow these steps:

1. Insert the PartitionMagic or BootMagic CD-ROM in your CD-ROM drive.

In Windows 95, Windows 98, or Windows NT 4.0, the setup program automatically starts when you insert the CD-ROM into the CD-ROM drive.

2. If you are installing from the PartitionMagic CD, select **Install** from the PartitionMagic setup screen and mark the BootMagic check box to launch the BootMagic install program.

Or

If you are installing from the BootMagic stand-alone CD, the BootMagic install program runs automatically.

Or

If you are using DOS, type *drive:*\ENGLISH\BTMAGIC\DOS\INSTALL.EXE (where drive is the drive letter of your CD-ROM drive).

3. Follow the on-screen instructions to install BootMagic.

After installation, BootMagic sorts through your system's hard disks, looking at the partition tables and gathering information about each currently-installed operating system. BootMagic then automatically runs the configuration program, adding every detected OS to the **BootMagic Menu**.

At this point, it may be necessary for you to edit the items that appear in the menu list. While BootMagic reliably detects most OSs, it may also detect some non-OS partitions. For example, if you have a primary NTFS data partition (i.e. a partition which contains only data, no OS) on the first disk, BootMagic may detect it as Windows NT. Likewise, an HPFS data partition may be detected as OS/2 and a primary FAT16 or FAT32 data partition may be detected as MS-DOS or Windows 95/98. Because data partitions cannot be booted, you should remove them from the menu list. You can also choose to add or remove other OS selections, modify OS names and icons for easier identification, add passwords, set a new startup delay, or select a different default OS.

NOTE: For information on detecting non-OS partitions in the menu list, see “Finding the Right Operating System” in BootMagic’s online Help. For more information on using the configuration program, see “Configuring BootMagic” on page 7 in this guide or refer to online Help.

After you make any necessary changes, click **Save/Exit**. The next time you reboot your computer the **BootMagic Menu** appears. To start an OS, simply select the desired menu item from the **BootMagic Menu**.

Creating a BootMagic Rescue Diskette

During installation, you have the option to create a BootMagic rescue diskette. (DOS users should run `drive:\BTMAGIC.PQ\MKRESCUE.BAT` after the BootMagic DOS install to create the rescue diskettes.) This diskette is vital if your system's master boot record (MBR) is ever damaged or overwritten. It can also be helpful if you inadvertently disable BootMagic and cannot access the configuration program to re-enable it.

WARNING! Technical support may not be able to assist you if you have not created a rescue diskette.

To launch BootMagic's configuration program from the rescue diskette, boot from the rescue diskette and follow the on-screen instructions.

Once in the configuration program, you can make any needed modifications or additions. When you click **Save/Exit** to exit the configuration program, BootMagic re-saves all the necessary files and rewrites the MBR, thereby restoring the program to normal.

Getting Help

If you need more information than this Quick Start Guide provides, BootMagic's online Help is your best solution.

- To access Help in the Windows configuration program, select **Help ► Contents** from the menu bar.
- To access Help in the DOS configuration program, select **Help ► Topic List** from the menu bar.

- To access context-sensitive Help, click **Help** in the lower-right corner of most dialogs, or press <F1>.

If you need further assistance, you can call Technical Support. See “PowerQuest Technical Support” on page 15.

Configuring BootMagic

BootMagic’s configuration program consists of two versions, one for DOS and one for Windows 95/98 and Windows NT. Both versions have similar interfaces and offer the same functionality.

BootMagic’s configuration program may be manually launched by any of the following:

- In Windows select **Start ► Programs ► PowerQuest BootMagic ► BootMagic Configuration**.
- In DOS run *drive:*\BTMAGIC.PQ\CONFIG.BAT.
- Select **Tools ► BootMagic Configuration** from the PartitionMagic menu.

When you run the configuration program, the **BootMagic Configuration** window appears. From this window, you can set a password for the configuration program, the **BootMagic Menu** or specific menu items; add or remove an OS to the **BootMagic Menu**; modify an OS’s BootMagic properties; set your default OS; set the startup delay; or disable BootMagic. Each of these options are briefly covered in this Quick Start Guide. For further information about configuring BootMagic or for details for each step outlined below, please refer to BootMagic’s online Help.

Setting BootMagic Passwords

BootMagic now allows users to password protect the BootMagic configuration program, the **BootMagic Menu**, or even specific menu items.

To set a password for the configuration program or the **BootMagic Menu**, follow these steps:

1. In the BootMagic Configuration window, click the Options menu.
2. Select **Set Configuration Password** to password protect the configuration program or **Set Boot-time Password** to password protect the **BootMagic Menu**.

3. Enter the current password in the **Old password** text box.

NOTE: The **Current Password** text box will be blank and disabled when there is no prior password.

4. Enter the new password in the **New password** text box.
5. Retype the new password in the **Confirm new password** text box.
6. Click **OK**.

To clear a password, enter the old password and leave the new password fields blank.

To set a password for specific **BootMagic Menu** items, you must modify the menu item's properties. For more information, see "Modifying a Menu Item's Properties" on page 10 or refer to BootMagic's online Help.

Adding an Operating System to the BootMagic Menu

1. In the **BootMagic Configuration** window, click **Add**.
2. (optional) If you wish to view all your system's partitions, including those that BootMagic does not recognize as containing an OS, mark the **Advanced** check box.
3. Select the OS you wish to add to the **BootMagic Menu**.

NOTE: BootMagic may sometimes detect an OS that doesn't exist or may detect the wrong name for an existing OS. For help on finding the operating system and partition you want, see "Finding the Right Operating System" in BootMagic's online Help.

WARNING! Do not add non-OS partitions to the **BootMagic Menu**. You cannot boot your computer from a partition without an OS. If you add a partition that doesn't have an OS and try to boot, you will be left with a black screen.

In this event, soft boot your computer (press **Ctrl-Alt-Delete**), boot DOS or Windows from the **BootMagic Menu**, run the BootMagic configuration program, and remove the non-OS menu item from the BootMagic menu.

4. Click **OK**.

The **BootMagic Menu Item Properties** dialog appears.

5. Define the menu properties as desired, and then click **OK**.

NOTE: For more information on defining runtime menu properties, see “BootMagic Menu Item Properties” in BootMagic’s online Help.

Removing an Item from the BootMagic Menu

1. In the **BootMagic Configuration** window, select the item you wish to delete from the **BootMagic Runtime Menu** list.
2. Click **Delete**.

NOTE: Deleting an OS from the **BootMagic Menu** does not remove the OS from your system. The OS remains in its partition and can be added again to the menu if desired.

Modifying a Menu Item’s Properties

1. In the **BootMagic Configuration** window, select the item you wish to modify.
2. Click **Properties**.
3. Modify the properties as desired, then click **OK**.

For a description of each property, see “BootMagic Menu Item Properties” in BootMagic’s online help.

Setting a Default Operating System

BootMagic automatically selects the OS on the home partition (i.e. the partition on which BootMagic is installed) as the system default. This is the OS that BootMagic automatically boots if another OS is not chosen before the startup delay expires, or if the startup delay is set to **None**.

NOTE: For more information on the startup delay, see the next section, “Setting the Startup Delay.”

If you wish to select another OS as the default, follow these steps:

1. In the **BootMagic Configuration** window, select the OS you wish to set as the system default.
2. Click **Set as Default**.

Setting the Startup Delay

By default, BootMagic uses a **Timed** startup delay set to 30 seconds. You may change this setting with the following options:

- Select **None** to eliminate any time delay. BootMagic automatically boots the default OS at startup without displaying the **BootMagic Menu**.
- Select **Indefinite** to specify an unlimited time delay. BootMagic displays the runtime menu until you choose the OS you wish to boot.
- Select **Timed** to designate a time delay from 1 to 99 seconds. BootMagic waits the specified amount of time for an OS to be chosen before booting the default OS.

If you set the startup delay to either **None** or **Timed**, you must also ensure that a valid OS item is selected as the system default. Without a default OS, BootMagic cannot boot your system.

NOTE: If you set the startup delay to **None** and select a default OS that cannot run the BootMagic configuration program, you will be unable to modify the configuration settings and boot other OSs. If this happens, boot your computer while holding down the left **Shift** key. This overrides the timer settings and opens the **BootMagic Menu** without a timer (as the **Indefinite** option) for that one boot.

You can then select DOS or Windows from the **BootMagic Menu**, run the BootMagic configuration program, and change either the default OS or the startup delay.

Disabling BootMagic

You may encounter situations in which you want to disable BootMagic. For example, if you are diagnosing an OS startup problem and need to reboot your system multiple times, you may wish to bypass loading BootMagic every time. Disabling BootMagic replaces the BootMagic master boot record (MBR) with a copy of your original MBR. When you reboot your computer, BootMagic no longer loads and the default OS is automatically booted.

NOTE: Disabling BootMagic does not destroy any of your configuration settings. All of the current settings are saved until BootMagic is re-enabled.

To disable BootMagic, follow these steps:

1. Unmark the **BootMagic Enabled** check box in the **BootMagic Configuration** window.

The configuration options become unavailable and BootMagic remains disabled until the box is re-checked.

2. Click **Save/Exit** to save your changes and exit the configuration program.

BootMagic remains disabled until you choose to re-enable it. To re-enable BootMagic, run the configuration program from either your hard drive or the BootMagic rescue diskette. Mark the **BootMagic enabled** check box in the **BootMagic configuration** window. When BootMagic is re-enabled, it saves a copy of the current MBR and then reinstalls the BootMagic MBR. Upon reboot, BootMagic loads normally and all the previous configuration settings are restored.

NOTE: For more information on creating a BootMagic rescue diskette, see “Creating a BootMagic Rescue Diskette” on page 6.

Using the BootMagic Menu

Once installed, the **BootMagic Menu** appears each time you start your computer. The **BootMagic Menu** displays all the OSs configured for booting. Each OS is identified by its user-assigned name and icon. Although BootMagic automatically highlights the default OS, you can choose any of the listed OSs. Simply click on the OS you want to boot. You may also use your arrow keys to select an OS and then press **<Enter>**.

If the OS you want is not listed, you can run the BootMagic configuration program and add it to the menu. For more information on adding an OS to the menu list, see “Adding an Operating System to the BootMagic Menu” on page 9.

Other BootMagic Options

BootMagic facilitates a host of OS-related tasks. For example, BootMagic makes installing multiple OSs on your system easy. For information on installing to primary or logical partitions, see “Using BootMagic to Install a New Operation System” in BootMagic’s online Help. You may also want to refer to the help topic on OS-specific installation issues.

BootMagic also enables you to boot operating systems that aren’t on the first hard disk. For specific instructions on second drive booting and beyond, see help topics “Booting Operating Systems from a Second Drive” and “Third Drive Booting and Beyond.”

Other new BootMagic features include Advanced Partition Hiding (i.e. hiding all primary partitions on all disks except the primary partition being booted) and an option to change the BootMagic background screen to a customized, Windows’ format bitmap.

PowerQuest Technical Support

PowerQuest is committed to providing you with comprehensive technical support.

Before Contacting Technical Support

Before you contact our technical support department, please try to resolve your problem by using this guide, BootMagic online help, and PowerQuest's corporate web site.

Tips

- Your problem may be resolved by applying the most recent patch or upgrade of the software.
- Your product serial number is required to obtain technical support.
- Before you contact PowerQuest technical support, you should generate a diagnostic report using the PARTINFO utility. To run PARTINFO, refer to BootMagic online help

Term of Technical Support for BootMagic

Technical support is available throughout the life of the product, which began when PowerQuest released BootMagic 2.0 to manufacturing and ends six months after the release of BootMagic 3.0.

Upon registering, PowerQuest provides 90 days of complimentary technical support from the day of your first call. In addition, registered users are eligible for special upgrade pricing when PowerQuest releases a new version of BootMagic. Contact PowerQuest Customer Service for additional information about upgrade pricing.

Contact Information

E-mail

Language	E-mail (for specific technical problems)
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Dutch	eurots@powerquest.com
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English	help@powerquest.com eurots@powerquest.com
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French	france@powerquest.com
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German	germany@powerquest.com
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Italian	italian@powerquest.com
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Portuguese	latina@powerquest.com
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Spanish	spanish@powerquest.com
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To obtain e-mail technical support for specific technical questions, you can fill out the form at www.powerquest.com/support/emsupport.html.

E-mail on Demand

PowerQuest maintains an e-mail on demand system to resolve common problems. You can view a list of available documents at www.powerquest.com/support/demand.html. To request one of the documents, send an e-mail message to **support@powerquest.com** with the index number of the document in the subject of the message. You can only request one document per e-mail message.

Corporate Web Site

The PowerQuest web site includes a wide array of information, including answers to frequently asked questions.

Information	Web Site Address
Overview of support options	www.powerquest.com/support/support.html
E-mail support request form	www.powerquest.com/support/emsupport.html
Error messages	www.powerquest.com/support/er/er0000.html
BootMagic FAQs	www.powerquest.com/support/FAQs.html

Fax

Location	Number
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USA	+1 (801) 437-4218
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Europe	+31 (0) 20 582 9260
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Fax a description of your problem to the technical support fax number. This service is available in the U.S., Canada, and Europe 24 hours a day, 7 days a week. PowerQuest technicians try to respond to all fax requests within 24 hours.

Telephone

Language	Location	Number
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Dutch	Netherlands	+31 (0) 20 581 3906
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English	Netherlands	+31 (0) 20 581 3907
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English	UK	+44 (0) 0171 341 55 17
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English	USA	+1 (801) 226-6834
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French	France	+33 (0) 1 69 32 49 30
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German	Germany	+49 (0) 069 66 568 516
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Italian	Italy	+39 (0) 02 45 28 1312
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Portuguese	USA	+1 (801) 226-6834
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Language	Location	Number
Spanish	Spain	+34 (0) 91 622 3146
Spanish	USA	+1 (801) 226-6834

The USA call center is open Monday through Friday, 7 a.m. to 6 p.m., MST/MDT. Our European call centers are open Monday through Thursday, 9:00 to 18:00, CET, and Friday from 9:00 to 17:00, CET.

Postal Service Mail

USA	Europe
PowerQuest Corporation P.O. Box 1911 Orem, Utah 84059-1911 U.S.A.	PowerQuest Orlyplein 85 1043 DS Amsterdam The Netherlands

Please include a description of your problem. Also include a return address, a daytime phone number, or other relevant contact information.

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