[Math+**Σ***agic*]™

| News | Products | Support | Order | Download |

SUPPORT

FAQS

Q   What is MathMagic?

MathMagic is an equation editor that gives you very easy user interface with WYSIWYG editing capability and yet powerful & customizable features.

MathMagic is available in a few different types:

- MathMagic Personal Edition, Mac & Win
- MathMagic Pro Edition for Adobe InDesign, Mac & Win
- MathMagic Pro Edition for QuarkXPress 5~6, Mac (Win in 2004)
- MathMagic XTension for QuarkXPress 3~4, Mac only.
- *MathMagic Pro Edition for Adobe InCopy will be available in 2004*

Q   What is [Math+Magic]™ ?

[Math+Magic] is the logotype and the trademark of MathMagic products.
Normally we pronounce and write it as MathMagic for general text compatibility. It also simply and clearly represents the features and characteristics of the MathMagic equation editor well.

There is an EPS format of this logo for the design and publishing purpose with its usage guidelines. If you need the EPS file for some reasons or in your marketing material, please visit the download page of marketing material or contact MathMagic marketing team.

Q   Can MathMagic solve the equations?

No. MathMagic is designed for equation layout editing, not for solving the equation. So whether the equation is meaningful or not by Mathematical notation, MathMagic allows you to enter any equations that you can imagine. So it does not require you to have Mathematical knowledge or background.
Actually many of our users don't like Math subject but they create better *looking* equations faster than mathematicians. Thanks to MathMagic.

If you are looking for equation solving software, by the way, there are several products available: MathCAD™, MATLAB™, Maple™, Mathematica™, LabVIEW™, and so on.

Q   What is the difference between MathMagic XTension, MathMagic Pro Edition and MathMagic Personal Edition?

MathMagic XTension is a kind of plug-in software for QuarkXPress® v3.3~4.x for Mac. It works within QuarkXPress application to give QuarkXPress the equation editing capability. It is tightly integrated with QuarkXPress application and supports many high-end features for designers and publishers. So this is like a professional edition specially designed for QuarkXPress v3~4 users only.
It also comes with a free viewer software, MathMagic Viewer XTension, to let others view and printe the QuarkXPress documents that contain equations created with MathMagic XTension.

MathMagic Pro Edition and MathMagic Personal Edition are standalone applications. These two have very similiar interface and feature. But Pro edition comes with some more high-end feature, like Color EPS export, for professional users and it also comes with a special plug-in or XTension that enables the seamless interaction with Adobe InDesign or QuarkXPress 5~6 depending on what you buy. Pro edition lets users create and edit equations right from within your InDesign or QuarkXPress documents without going thru EPS export/import routine.
Pro Edition can be used with many other word processors or graphic software including Adobe Illustrator or Photoshop as well.

MathMagic Personal Edition(PE) is a standalone application for general users including students, teachers, as well as pro users. MathMagic PE is available for Macintosh Classic, Mac OS X, Windows, and Java platform. These application versions have a little less features than the Pro Edition or XTension version but they provide most of the unique MathMagic features. In certain area, due to application's wider flexibility than XTension, MathMagic PE has much better feature and user interface than MathMagic XTension.
MathMaigc PE is designed to be used with other word processors, presentation software, or graphic software as a supplement, letting you create equations simply and quickly and then use those equations with other software widely.

Q   Why MathMagic Pro Edition is much expensive than Personal Edition although they have similiar interface and features?

MathMagic Pro Editons come with more: Postscript fonts and InDesign plugins or QuarkXPress XTensions which handle equations more efficiently within InDesign or QuarkXPress.

And, Pro Editions and XTension are more vertical market products and Personal edition.
Pro Editions and XTension are for those Pro-sumers who make money on top of MathMagic and it can help them get high quality result and save their valuable time very much. MathMagic Pro can bring you the ROI(return-on-investment) within 1 week normally by enabling you the ability to deal with quality equations and saving your time especially in one tenth of the conventional way.
Pro Editions and XTension are targeting some portion(less than 10%) of InDesign users or QuarkXPress users which is very vertical market comparing to Personal Edition's whole general users and education market.

We provide free unlimited email based customer support. And free inbound phone calls as well at the moment. Pro edition users normally bring more quesitons and more difficult questions to us. So this affects on the price as well.

Q   What is the difference between MathMagic and MathType™ ?

There are many differences as well as similarity between these two. MathMagic was originally designed for the high-end desktop publishing market to meet their high quality printing and accurate adjustment needs for publishing. So it was firstly launched as a XTension for

QuarkXPress on Macintosh. And then standalone application versions of MathMagic, Personal Edition and Pro Editions, were released simultaneously for Macintosh, Mac OS X, Windows, and Java platform to meet our customers' needs.

So, MathMagic is well designed and optimized for the publishing needs for the quality output, productivity for creating and re-editing of equations over the workflow, fine adjustment, and so on.

MathMagic, however, adopts similiar user interface with MathType™ so that any previous MathType™ or Equation Editor™ users can easily switch to MathMagic without any additional learning cost.

MathType is also another good equation editor for general use. But it is not optimized for the high-end publishing comparing to MathMagic. For example, with MathMagic, you don't need any annoying external processes to build mathematical equations on your QuarkXPress or Adobe InDesign documents. Equations created with MathType can be converted into EPS format to be imported into a graphic box of QuarkXPress or InDesign. But the imported equations require you to switch back to MathType for modification everytime. With MathMagic, your can modify equations right within the QuarkXPress or InDesign just like a text, which should improve your productivity very much if you are a heavy equation user. MathMagic automatically aligns its equations to the baseline of the current text line in QuarkXPress and InDesign, which saves you a lot of time in editing long technical documents. MathMagic also allows you to specify your own fonts, style, and size within the equation, just like a word processor. It comes with many intuitive interface.

So many of MathMagic users love MathMagic much more and they swtiched from MathType™ or Equation Editor™.

Please refer to the comparision chart for the details.

Q What is MathMagic Viewer XTension?

MathMagic Viewer is a freeware version of MathMagic XTension, which can view and print QuarkXPress documents containing equations created with MathMagic XTension. Printing service bureaus, who don't need to edit mathematical equations, can use this Viewer XTension to print documents containing mathematical expressions created with MathMagic XTension. MathMagic Viewer is available for free and it comes with required MathMagic fonts.

MathMagic Personal or Pro Edition does not require MathMagic Viewer XTension. If you create equations with MathMagic PE or Pro, and use them in other word processors or graphic software, you can simply drag&drop onto the other software. Then it will automatically convert the format into PICT/WMF/OLE format underneath. Or, you may convert the format in EPS or JPG if you like.

Q What is MathMagic PostScript Fonts for?

MathMagic Type 1 PostScript fonts are based on the PostScript technology, which was designed to get outputs of high resolutions with laser printers and other typesetters. You can use these fonts to download to the printer or RIP to print more clearly and faster. These PostScript fonts are mainly for DTP users who use MathMagic XTension with QuarkXPress, or for those who use EPS format of equations with other graphic software.

If you are a MathMagic Personal Edition user, you may not need this MathMagic PS fonts because it comes with all necessary TrueType fonts.

MathMagic PS Fonts Installer is separately available for downloading if you are a MathMagic customer. Please visit the Download page.

Q What does the Baseline-Savvy Equation mean?

Baseline-Savvy Equation indicates mathematical equations that can be combined and matched with a text line that has the baseline information, just like a character in your documents. Baseline-Savvy Equation has its own baseline information in the equation image object, so it is automatically aligned to the baseline of the accompanying text line when inserted as an inline graphic. And you can easily change its default baseline to make it in harmony with texts further.

AppleWorks and some other word processors support this feature for the equations created with MathMagic.

Q Does MathMagic support MathML or XML?

Not yet, but we plan to implement features for importing and exporting the MathML. Firstly we will support Presenation based MathML, and then you may consider supporting the Content based or mixed type MathML.

New schedule is to release in H2 2004. If you are keen to the detail schedule, please contact MathMagic team for more information.

Q Does it support all the features of TeX?

MathMagic doesn't support all the features of TeX. It does not support features related to page layout and macros. MathMagic supports TeX-based expressions of mathematical equations. Refer to the User Guide, the section describing TeX that MathMagic supports for the detail TeX compatibility codes.

Q Which versions of QuarkXPress do you support?

MathMagic XTension v2.x works with QuarkXPress 3.3 natively. And it also works with QuarkXPress 4.x.

MathMagic Pro for QuarkXPress supports QuarkXPress 5.0 on Mac OS Classic and QuarkXPress 6.0 on Mac OS X at the moment. And QuarkXPress 4.1 for Mac OS Classic is to be supported in H1 of 2004.

MathMagic Pro for QuarkXPress 5.0 and 6.0 on Windows are under development at the moment as well, and hope to release them by Q2 of 2004.

MathMagic XTension English version and MathMagic Pro English version support QuarkXPress & QuarkXPress Passport. MathMagic XTension Japanese & Korean versions support QuarkXPress East Asian versions.

Q Can I use MathMagic on Windows?

MathMagic Personal Edition(application) and MathMagic Pro Edition for InDesign for Windows are available on Windows already.

But MathMagic Pro Edition for QuarkXPress for Windows QuarkXPress is not available at the moment, however it is schedule to be released sometime in H1 of 2004.

Q Do you support Adobe InDesign® and InCopy® ?

MathMagic Pro Edition of the current product line is for Adobe InDesign v2.x. It comes with a MathMagic Plugin for InDesign. For the details on MathMagic Pro Edition, please refer to the PDF flyer.

MathMagic Pro Edition for Adobe InDesign v2.x is available on both Mac OS X and Windows. MathMagic Pro Edition for InDesign CS will be available in the first half of 2004.

We have a plan to support Adobe InCopy in 2004 as well. Please contact us for the detail schedule.

Q **How can I use the equations with other applications?**

With MathMagic, you can save or export your work as TeX, EPS, GIF, JPEG, PICT or WMF format(format list may vary depending on the MathMagic version.) Any application that supports one of these formats can read your work.

You may simply drag&drop equations from MathMagic editor window to other application's window, or copy and paste the equation, without going thru the export&export process, because many of modern applications support drag&drop.

Q **Can I adjust the relative location or gap of each component in the equation?**

MathMagic has many options that allow users to specify thier own preferences for many shapes of equations including the locations, gaps, thickness, fonts, size, style, relative locations precisely in more than 2300dpi sharpness.

You can also save these settings in a database or StyleSet preference file and use it later with simple switch.

Q **Can I use MathMagic in higher education to build very complex equations?**

With MathMagic, you can build any imaginable mathematical equations including higher education as well as elementary ones, whether it is correct or not by mathematical notation. There is no depth limitation with templates so you can create very long, complex, multi-depth nested templates of equations easily, as long as your brain can imagine.

Q **Does MathMagic support MS Word for the automatic numbering and automatic baseline for the inserted equations?**

MathMagic does not support automatic numbering of inserted equations in MS Word. But you may put numbers manually by setting from "Insert -> Caption..." menu of MS Word.

MathMagic Mac version is working with MS Word by Drag&Drop or Copy&Paste when you want to insert equations made with MathMagic.
But the auto-baseline is not working with MS Word yet.

MathMagic Windows version can work with MS Word by OLE as well as Drag&Drop or Copy&Paste. When inserted via OLE, we support the auto baseline on Windows.

Q **Do you support Color in equations?**

MathMagic Personal Edition and Pro Edition support Color equations since version 4.0 on Mac, and version 2.0 on Windows.

MathMagic XTension supports color per equation box thru the Quark's Color sub-menu under Style menu, just like applying color to a character, but one equation box can have one color at a time. The applied color can be used for PDF or color printing but when you need the color-separation, colored equations may not work with the color trapping.

MathMagic Pro Edition v2.0 for Windows support the automatic sync'ing of color styles between MathMagic Pro application and Adobe InDesign's Swatch list. MathMagic Pro Macintosh version is to support the copor sync'ing in 2004 when it support InDesign CS.

Q **Can I import MathType™ files into MathMagic?**

MathMagic Personal Edition and Pro Edition v2.0 for Windows support importing MathType™ documents saved in EPS or WMF format even though there are some limitation in reading some certain templates or symbols due to the feature difference.

We are planning to support copy&paste of equation objects into MathMagic window directly from MS Word™ documents or MathType™ window later as well as better compatibility.

MathMagic PE & Pro for Macintosh will also support this feature sometime in 2004 but MathMagic XTension may not support it.

Q **Is MathMagic Pro for QuarkXPress compatible with MathMagic XTension?**

They are not compatible in the equation format which are stored in the QuarkXPress documents.

Equations created with MathMagic XTension for QuarkXPress 3~4 have MathMagic's own format. But those created with MathMagic Pro Edition are stored in standard EPS format in the QuarkXPress document.
So when you upgrade to MathMagic Pro for QuarkXPress 5 or 6, you may not see or print those equations created with QuarkXPress 3 or 4.