

GETTING STARTED WITH EXPRESSIONIST FOR THE MACINTOSH

Disk Backup

Before you use the *Expressionist* disks, you should make backup copies in case of errors or accidents which destroy the files on the disks. After you have made copies, put the original *Expressionist* diskettes in a safe place and do not use them, use only the back up copies.

Serial Number

Please take note of the serial number label on *Expressionist*.

Disk #1. This number is needed to install the program and is used when upgrading.

System Requirements

You can use *Expressionist* on an Apple Macintosh Plus or later model Macintosh. (An older Macintosh upgraded to the equivalent of a Plus is satisfactory.) The minimum memory requirement is one megabyte (1 MB). The Macintosh must be equipped with a hard disk, which should have at least 1 Mb of free space for *Expressionist* and its related files.

The Macintosh must be running System version 4.1 or a later System.

Application vs. DA

Expressionist is supplied in two versions: an application and a desk accessory (DA). The application has more features and capabilities but it is larger than the desk accessory. Which one you choose to use depends on your Macintosh system configuration. If you are using System 7 or System 6 with MultiFinder and plenty of memory, you should use the application. If you are using System 6 without MultiFinder, or an earlier Finder-only system version, you should use the desk accessory.

If your only reason for using the DA is to have *Expressionist* available under the Apple menu, you should know that the application is available under the Apple menu of MultiFinder or under the application menu of System 7. You can even make an alias of the application under System 7 and place the alias in the Apple Menu Items folder.

INSTALLING EXPRESSIONIST

With your Macintosh at the Finder, insert your backup copy of **Disk #1**. The following will appear on your desktop:

Installing the Application and Preferences



Shift-click on each icon to select both icons in the **Expressionist** disk window. Drag the icons to your hard disk to copy the **Expressionist** application and the **Prescience** folder. You can move the application to a location of your choice. For instance, you can put it in a folder with other applications or put it in its own folder.

If your hard disk's System Folder does not include a folder named Preferences, make one. Move the Prescience folder into the Preferences folder (within the System Folder.)

Drag the floppy disk icon to the trash to eject the disk

Setting Up Expressionist

Open the **Expressionist** application from the Finder by double-clicking on the **Expressionist** icon:



When you first launch the application, you must enter your name, organization name (or personal address) and the last six digits of your serial number found on the label on the back of *disk #1*.

Personalize your copy of Expressionist

Enter your first and last name, your organization or address, and the serial number from your diskette.

Name:
Joe Lunchbox

Organization or Address:
Food Inc.

Serial Number: EM-314- 314159 OK

You will then be given a series of dialogue boxes asking you about fonts and printer preferences. Simply click **OK** if you want to accept the standard defaults. Otherwise, make the changes you want in the dialogue boxes and then click **OK**.

After the final dialog appears, *Expressionist* will quit and return to the Finder.

This completes your initial set up of *Expressionist*. It is not necessary to do these steps again unless you re-install the program.

If you do not plan to:

- 1) use the *Expressionist* desk accessory
- 2) use *Expressionist* with *Microsoft Word 5* under System 7
- 3) use *Expressionist* with a TeX program,

Installation is complete. If you do plan to do (1), (2) or (3), please continue.

Insert your backup copy of *Disk #2*. The following will appear on your desktop.

If you plan to use *Expressionist* with Microsoft Word 5 under System 7, drag the EGO for Word file to your hard disk. Move



this file to the Word Commands folder, which should be in the same folder as your Word application.

Use the EGO for Word file if you want **Expressionist** to open every time you double click on an **Expressionist** equation in Word. If you would prefer double clicking to not initiate an EGO transfer, and you would like to retain the ability to edit graphics with the Picture command, you can install the EGO for Word (Picture Savvy) file instead of the normal EGO for Word file following the above instructions. DO NOT install both EGO for Word and EGO for Word (Picture Savvy).

If you install EGO for Word (Picture Savvy) you will have the command Edit Graphic Object under the View menu the next time you open Word.

The following instructions only apply if you intend to use **Expressionist** with a TeX typesetting system.

From the **Expressionist** Disk #2, open the for TeX users only folder. Copy the file FMACROS.TEX to your TeX inputs folder in your TeX application

Drag the **Expressionist** DA suitcase file icon into the System Folder. This will automatically move it to the Apple Menu Items folder.

For System 6 or earlier:

1) Double click on the **Expressionist** DA suitcase file icon, which launches the Font/DA Mover utility application. The Mover launches and opens the DA suitcase.

2) Click the Open button and use the file selector dialog to open the System file inside the System Folder on Greek Letters

Picture Format

your hard disk.

3) Click the desk accessory named **Expressionist** and notice that the >>Copy>> button becomes active and points to the list of desk accessories present in your system file. Click the >>Copy>> button to copy the **Expressionist** DA to your System.

4) When the copy is complete, click the Quit button.

Starting and Quitting Expressionist

To open the **Expressionist** application from the Finder, double-click on the **Expressionist** icon:



To quit the application, choose the Quit item from the File menu.

To open the **Expressionist** DA, pull down the Apple menu and choose the **Expressionist** item from the menu.

To quit the DA, click on the close box in the window's upper-left corner.

Other Comments

For optimal results, use **Expressionist** with an outline font system, either TrueType or Adobe Type Manager (ATM). **Do not use bitmapped screen fonts.**

Screen fonts are what is displayed on the Macintosh screen. Outline fonts are used to create text on printers. **Expressionist** uses the screen fonts to calculate the proportions of equations. Therefore, it is essential that the screen fonts match those in your PostScript printer as closely as possible. You will not have these problems if you are not using PostScript.

If you are using TrueType fonts, the Macintosh will create acceptable screen fonts based on the TrueType outlines. However, the bitmap screen fonts supplied with the System Software will override the TrueType screen font renderings, which may result in unprofessional fonts and bad proportions. For best results with TrueType, remove all bitmap fonts used in equations.

In order for you to use Greek letters and other symbols in your equations, you must have the `Symbol` font installed in your System. The `Symbol` font is supplied with all System versions released by Apple Computer.

This command on the `Options` ▸ `Copying` submenu allows you to change the characteristics of pictures copied from ***Expressionist***. The initial dialog gives you a little control over the picture format. If you are using more than one printer, it is usually best to set this up for the best printer you have. For instance, if you print proofs at your desk with a non-Postscript ink-jet printer, but you later print on a PostScript laser printer, you should simply set your settings for the PostScript printer. Things will print on the lower resolution printer, although perhaps not optimally.

From the **Options** menu's **Copying** submenu choose **Picture Format...** In the dialog, click on the radio button for Non-PostScript printer or the radio button for Post-Script printer, enter your printer's resolution then click **OK**. If you are not sure about your printer, just click the `Printer Default` button and then **OK**.

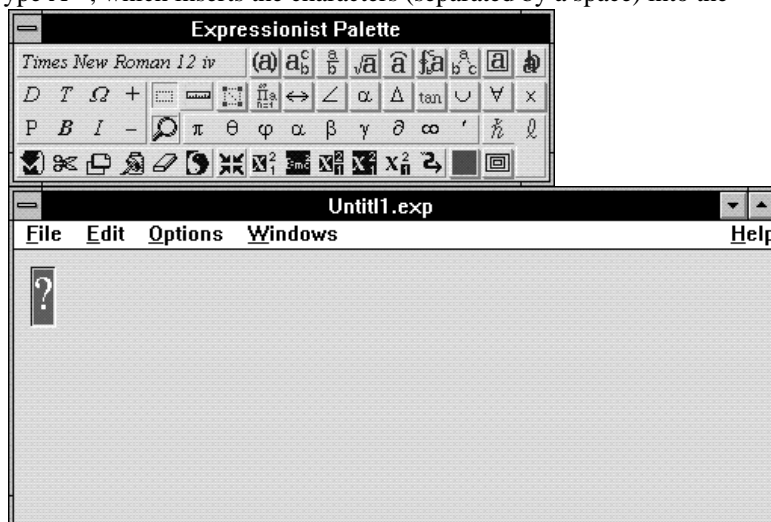
Expressionist has another dialog which gives you much more control over the picture format. From the **Options** menu's **Copying** submenu choose **Picture Format...**, then click the **Customize** button. Choose the options that are best for your printer in this dialogue box.

QUICK TOUR

This section shows you how to make a simple equation and copy it to your word processor. If you make a mistake, choose **Undo** from the **Edit** menu.

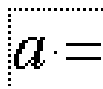
Open **Expressionist**.

Type $A =$, which inserts the characters (separated by a space) into the



expression window.

The dot is there to show you there is a space character between the a and



equal sign. The space was inserted automatically because **Expressionist** figured you needed one there.

The cursor blinks, waiting for you to insert more of the equation. From the palette window above the expression window, click the button, which inserts the pi character into the expression.

From the a_b^c pop-up palette, choose the a^c button, which inserts a

$$a = \pi$$

subscript/superscript composite, a template for you to type in sub- and/or superscript characters.

Type R to replace the selected question mark. Use the mouse to select


$$a = \pi R?$$

the question mark in the superscript position by clicking and dragging over it.

Type 2 to complete the equation. Click the a_b^c palette button to select

$$a = \pi R^2$$

everything.

Click the  palette button (or choose **Copy** from the **Edit** menu),

$$a = \pi R^2$$

which places a copy of the equation in the clipboard. The contents of the clipboard can later be pasted into other applications as a picture.

Open your word processor and enter your text:

With the cursor positioned appropriately, choose **Paste** from the **Edit** menu to paste it into your document.

