Pyware Music Writer

Apple IIGS

Troubleshooting
for Version 2.0

Including:

Helpful Hints
Question and Answers
Error Messages

Helpful Hints

This section contains helpful hints that is highly recommended reading.

Control Panel Program

The *control panel program* is built into the Apple IIGS and lets you set certain aspects of your computer system to suit your individual preferences - like the color of text and background on the screen, the volume of the built-in speaker, disk drive setups, printers and much more.

You can get to your Control Panel through the Apple menu or by holding down the <control>, <open apple>, and <esc.> keys at the same time.

There is a complete explanation of the *control panel program* in the **Appendix A** of your **Apple IIGS Owner's Guide.**

Disk drive setups

Hard drive

When using a hard drive all of your files will be in the same location, therefore you will encounter very little disk swapping.

Note: It is strongly suggested that you have a backup copy of everything that is on your hard drive. Although it is not a common occurrence hard drives can be damaged.

2 meg or more of memory and 2 3 1/2" disk drives

We suggest that you maintain your "boot" disk in drive one and your program disk in drive two. When storing data replace your program disk in drive two with a data disk. Follow closely any screen prompts.

2 meg or more of memory and 1 3 1/2" disk drive

We suggest that you maintain your "boot" disk in the drive after following the screen prompts to load your data file. You will experience frequent disk swapping when using 1 3 1/2" disk drive.

1.25 meg of memory and 2 3 1/2" disk drives

We suggest that you maintain your "boot" disk in drive one and your program disk in drive two. When storing data replace your "boot" disk in drive one with a data disk. Follow closely any screen prompts. Larger files will encounter various memory limitations under 1.25 meg of memory.

1.25 meg of memory and 1 3 1/2" disk drive

We suggest that you maintain you "boot" disk in the drive after following the screen prompts to load your data file. Larger files will encounter various memory limitations under 1.25 meg of memory. You will experience frequent disk swapping when using 1 3 1/2" disk drive.

What do I do with my 5 1/4" disk drive?

If you have a 5 1/4" disk drive and you do not wish to use it as a data location it is suggested that you; 1) disconnect it or 2) leave a formatted ProDOS disk in that drive.

The computer will frequently scan the 5 1/4" disk when looking for necessary tools. If you wish to avoid this it is suggested that you disconnect it. You can disconnect your drive by simply changing the control panel to read **Your card** in slot **six** instead of **Disk port.** For more information on the *control panel program* refer to ***Control Panel Program*** in **Appendix A** of your **Apple IIGS Owner's Guide.**

Leaving a formatted ProDOS disk in the drive will provide space for temporary files to be stored. Temporary files are used when extracting parts and using the clipboard. For more information refer to the ***Temporary Files*** section in this chapter.

Full Scores

When working with a large score it may be necessary to delete as much space in between staves as possible. Then prior to printing you should restore the score to it's proper appearance. More detailed instructions about adding and removing space between staves can be found on page 52 of your manual.

It may be helpful to have the measures numbered in an increment of every one so that it is easy to know right where you are in your score. This is done by:

1. Highlight the entire staff.
2. Choose **Number measures** from the **Edit** menu.
3. Place a 1 (one) in increment box and click **Okay.**

To remove these numbers prior to printing simply:

1. Highlight the entire staff.
2. Choose **Number measures** from the **Edit** menu.
3. Place a 0 (zero) in increment box and click **Okay.**

Function Keys and keyboard equivalents

The more familiar you are with function keys and keyboard equivalents the faster you will be at entering notation from the keyboard. Knowing these techniques will eliminate excessive mouse dragging.
A detailed description of these keys is found on your **Quick Reference Card.**

Ledger Markers

When placing symbols on the screen it is very important to pay close attention to where the *ledger marker* is in regards to your cross hair. Sometimes it is easy to get ahead of the *ledger marker* and notes or symbols may be placed on the wrong staff, however they will appear correct on the screen.

If you are having difficulties removing a symbol try moving to surrounding staves. For more information about *ledger markers* refer to page 62 in your manual.

MIDI input

When using MIDI input your notes will first appear on the screen stacked without a designated duration. As soon as you stop, the computer will redraw the screen with the correct pitches and durations.

Real Time is designed for quick entry, however, it is **not** a true sequencer and one should not expect to sit down and compose a Bach 2 part Invention in one step. We suggest you enter your melodies in 6 or 7 measure increments slowly and edit as you go along.

Printing

Some useful settings that we have found for printing are following:

Full scores

Page setup

Vertical sizing: **Normal**
Printer Effercts: **50% reduction**
Orientation & Paper size: **personal preference**

Print Options

Note spacing: **85%**
Margins: **none**
Page numbers & staff labels: **personal preference**

Marching Band Parts

Page Setup

Vertical sizing: **Normal**
Printer Effercts: **50% reduction**
Orientation & Paper size: **personal preference**

Print Options

Note spacing: **85%**
Margins: **left 0.5 top 0**
right 1.0 bottom 5.0
Page numbers & staff labels: **personal preference**

Concert Parts

Page Setup

Vertical sizing: **Condensed**
Printer Effercts: **none**
Orientation & Paper size: **personal preference**

Print Options

Note spacing: **100%**
Margins: **left 0.5 top 0**
right 1.0 bottom 5.0
Page numbers & staff labels: **personal preference**

Save Warning

A save warning will appear on your screen every 15 min. to *remind* you to save your work. This is just a reminder; clicking **Okay** will not save to your current file. For saving files techniques refer to the next section.

Saving files techniques

When you run your *Music Writer* for the first time each day you will do one of two things: 1) open an existing file or 2) begin with a new file.
Once your file is open any edit that you make to the file will need to be saved to your disk. To save simply hold down the <open apple> and press S.

Note: This should be done at least every 15 min. to ensure that you don't loose a lot of work. If your computer should lock up or you should have a power failure the only option you have is to resort to your last save, and we'd all agree that 15 min. worth of work to be redone is a lot better than 2 or 3 hours. **Don't learn the hard way!**

If you are creating a new file first create your file just as you wish it to appear. Use the **Save as** function found in the **File** menu to give your file a name. You can now follow the above techniques used with an open file.

Note: When saving a file you can not use spaces to separate words. We suggest you use a period or slash.

Temporary files

The computer uses disk space to write temporary files in two different instances. These include: extracting parts during printing, and using the clipboard when an edit function exceeds 4K of computer memory.

This disk space can be on a data disk or sometimes on the program disk. To make room on the program disk the **installer** and **script folder** can be removed. If you are maintaining a formatted disk in your 5 1/4" disk drive it can also be used.

Transposition playback

To hear your music in concert pitch you must designate the transposition for each stave. This is done through the **play options** window on the **MIDI** menu.

The way this is entered is much different from the way it was done on version 1.4.3. For a full listing of "legal" entries refer to your **Quick Reference Card**.

Questions and Answers

Q: *When I put the bass clef in the treble clef always moves over to the right?*

A: Check to make sure your <caps lock> key is **not** down. Refer to insert vs. stacking on page 63 of your manual.

Q: *How do I make space for lyrics?*

A: The file format can be altered in many ways using the staff tools. Refer to space placement on page 51 of your manual.

Q: *How can I select an entire staff for printing or editing parts?*

A: Hold down the <command> key and click the mouse. From the point you click to the end of the music will be selected. For other selection techniques refer to page 111 in your manual.

Q: *Why do note heads appear with X's instead of round circles or why do my stems have slashes on them?*

A: The notation palette has many options for inputting notes which change the style, appearance and playback of the note. It is important to make sure these are **not** highlighted when inputting straight notation. Refer to Adding notes on page 27 of your manual.

Q: *Why can't I delete this symbol?*

A: Sometimes symbols appear to be stored on a particular staff, but when you try to delete them they just "won't go away". It is possible that the information was stored at a particular spot in the piece on a staff above or below where it appears. If the ledger marker was in the wrong location upon entering the symbol it was stored in the wrong place and therefore must be deleted from the surrounding locations.

For more information about ledger markers refer to page 62 in your manual.

Q: How do I put two notes on the same staff at the same pitch?

A: Stem direction is controlled on the notation palette. It is necessary to force the stem direction of the notes when placing them on the same pitch. It is suggested to place the first note with stems forced up and the second note with stems forced down. For more information about stems direction refer to page 71 of your manual.

Q: How can I place space between notes or bars to make my music more readable?

A: To place space between notes or barlines hold down the <option> key and click to left of the location you'd like the space added. To delete space hold down the <shift> key. For more information about spacing refer to page 67 of your manual.

Q: How do I delete a slur, tie, or other grouping?

A: To delete these special symbols the groupings palette should be selected and the particular icon highlighted. Hold down the <option> key and click the mouse. For more detailed information refer to page 96 of your manual.

Error Messages

When something goes wrong with a computer error messages are a way to determine where and why the problem may have occurred.

You may never encounter most of these error messages. You may encounter one or two of them more than once, so; for your convenience they have been listed along with possible solutions.

If you don't understand an error message do not feel intimidated some error messages are written for the programmers benefit. We'd be happy to assist you in better understanding specific error messages or in ways to get around them. If for any reason you can not speak with someone at Pygraphics be sure and write the error message down to enable us to better assist you.

We have divided these error message into 8 different categories listed below.

General Error messages

Cannot give Picture file the same name as the current file.

This error will only occur when in the page preview option. The save function is used to save as a picture file.

Check startup device!

This error will occur when a non-bootable disk was placed in the drive and the computer was turned on. This could be a data disk or unformatted disk. Place your "boot" disk in the drive and reboot.

Disk in drive is not a startup or "boot" disk.

This error will occur when a non-bootable disk was placed in the drive and the computer was turned on. This could be a data disk or unformatted disk. Place your "boot" disk in the drive and reboot.

Delete music from the staff before removing the staff.

This error will occur if you try to remove a stave that contains any music notation. This includes bar lines.

Insert Disk containing instruments.

This error occurs when you choose replace from the **Instrument** menu and the computer can not locate a valid instrument library in the currently accessed disk drive.

Invalid margin value.

This warning will display if an invalid margin value is entered in the **print options** window.

Memory found for Data file.

This warning will display if for any reason the computer is able to find the needed memory.

Memory not available. Please Save Immediately.

This warning will display if the computer encounters a memory problem. If you experience this warning frequently we suggest purchasing more memory.

Music font not available.

This error will occur if the computer can not locate the music font. The music font is on your "boot" disk.

Not enough room on Data volume.

This error tells you the data disk is full. If you are certain the disk could not possible be full try using a new disk. The disk may have a damaged block at the location you're saving to.

Only 2 staves allowed in MiniSequencer.

The MiniSequencer can only support 2 staves.

Only Format 1 MIDI Files supported.

This error will occur when trying to read a **MIDI** sequenced file stored in any format other than **Format 1.**

Unable to find data volume.

This error occurs when the computer cannot locate a ProDOS formatted disk to store data on.

Unable to find requested page.

This error occurs in the page preview window when an invalid page is requested.

Unable to Load ProDos.

This error will occur when a non-bootable disk was placed in the drive and the computer was turned on. This could be a data disk or unformatted disk. Place your "boot" disk in the drive and reboot.

Unable to write all data to disk.

This error tells you the data disk is full. If you are certain the disk could not possible be full try using a new disk. The disk may have a damaged block at the location you're saving to.

The disk "<disk name>" may be damaged.

This error occurs when formatting a disk the computer encounters some type of disk error. Try a new disk.

You must drag to set the length of this symbol.

This warning is displayed to tell you to drag when using certain groupings functions.

File Error Messages

The following error message will be proceeded by a number of which the number will tell where or why the problem has occurred, these numbers are also listed for your convenience.

Error closing file.
Error Creating file.
Error Creating PICT file.
Error: Duplicate memory assignments.
Error Opening Clipboard file.
Error Opening file.
Error Opening MIDI file.
Error Opening Music Writer Init File.
Error Opening Undo file.
Error Reading Directory file.
Error reading file.
Error Reading Header.
Error Reading Undo or Clipboard file.
Error writing Clipboard file.
Error writing header.
Error writing to file.
Unable to find instrument Directory.
Unable to write to disk.

General Errors

0 No error.
1 Invalid call number.
5 Call pointer out of range.
6 ProDOS is busy.

Device Call Errors

16 device not found.
17 Invalid device reference number.
37 Interrupt vector table full.
39 I/O Error.
40 No device connected.
43 Write protected.
46 Disk switched.

File Call Errors

64 Invalid pathname syntax.
66 FCB table full.
67 Invalid file reference number.
68 Path not found.
69 Volume directory not found.
70 File not found.
71 Duplicate pathname.
72 Volume full.
73 Volume directory full.
74 Version error (incompatible file format).
75 Unsupported (or incorrect) storage type.
76 End of file encountered.
77 Position out of range.
78 Access not allowed.
79 File is open.
81 Directory structure damaged.
82 Parameter out of range.
85 VCB table full.
87 Duplicate volume.
88 Not a block device.
89 Invalid level.
90 Block number out of range.
91 Illegal pathname change.
92 Not an executable system file.

Instrument file error messages

These errors occur when the instrument file or init file is damaged. Make another working copy from your original disk. If the original disk is also damaged call Pygraphics.

Illegal Header.
Incorrect File Header.
Unable to read file Missing Wave Chunk.

Memory related error messages

The following error messages involve computer memory. If you're sure you have enough memory check your control panel to make sure you do not have a RAM disk setup. For more detailed information about RAM disks refer to **Control Panel Program** in **Appendix A** in your **Apple IIGS Owner's Guide.**

Error $0201
Header memory not available.
Insufficient memory.
Insufficient memory to Load Icons.
Unable to allocate Input buffer.
Unable to allocate memory for Tools.
Unable to allocate output buffer.

MIDI error messages

The following error messages occur when MIDI connections are bad or the necessary tools are not found. For installation instructions refer to page 9 of your manual.

If you are booting from a disk that contains the MIDI drivers you may need to check your control panel and software to ensure the proper setup.

Insert the Boot Disk containing your MIDI Driver.
Interrupt Error.
MIDI Interface Driver incompatible with ROM.
MIDI Interface Driver missing or incorrect.

MIDI Interface is busy.
MIDI Interface is disconnected.
MIDI Interface not available in Slot 2.
Slot 2 is already in use.
You must set Control Panel Slot 2 to MODEM and ReBoot.
You must set Control Panel Slot 1 to PRINTER and ReBoot.
You must set Control Panel Slot <whatever> to YOUR CARD and ReBoot.

Music Writer Model error messages

The following error messages occur when the version of the Music Writer you have purchased will not support a function you have requested it to.

Contact Pygraphics about Upgrade information.
File too large for this Demo model.
File too large for this Music Writer model.
Illegal number of Staves Requested.
User time has Elapsed for Music Writer.

Print Error messages

When the computer encounters a problem printing a general error message: "Printing Error" will be displayed followed by a number. These numbers are listed below for your convenience.

$1301 Specified driver not in the DRIVERS subdirectory of the SYSTEM subdirectory
$1302 Specified port not selected in the control panel

$1303 No print record specified

$1304 Version of LaserPrep file in LaserWriter is not compatible with this version of Print Manager

$1305 Version of LaserPrep file in DRIVERS subdirectory of SYSTEM subdirectory is not compatible with this version of Print Manager

$1306 Connection can't be established with the LaserWriter

$1307 Read-Write error on the LaserWriter

$1321 LLDStartUp call already made

$1322 Invalid control value specified

Sometimes a file error will occur when printing. Refer to the **File Errors** section in this chapter.

Startup Errors

The following error messages occur when the computer cannot find necessary tools or startup information. This information should be located on your "Boot" disk.

Check to make sure the computer was turned on with the correct "Boot" disk in the drive. If your booting from a hard disk refer to page 9 in your Music Writer manual for installation instructions.

Control Manager not initialized.
Control Manager Startup Error.
Desk Startup Error.
Dialog Manager Startup Error.
Event Manager Startup Error.
Font Manager Startup Error.
Line Edit Startup Error.

List Startup Error.
Memory Manager Startup Error.
Miscellaneous Tools Startup Error.
Print Manager Startup Error.
QuickDraw Auxiliary Startup Error.
QuickDraw Startup Error.
Scrap Startup Error.
Sound Startup Error.
Standard file Startup Error.
Tool locator Startup Error.
Unable to Load Required Tools.
Window Manager Startup Error.

Notes

Notes

Notes

Notes