APPENDIX A

Project Manager Start-Up Settings

MIDI Channel - Ch 1
Control Mode - Channel (a special combination of Channel and Register modes is actually used by Project Manager)
Control Transmit - On
Control Receive - On
Program Transmit - On
Program Receive - On
Control Omni - Off
Control Echo - Off
Program Omni - Off
Program Echo - Off
Setup Memory Direct Data Write - On
MIDI In -> Automation Record - On
Automation Play -> MIDI Out - All MIDI
MIDI Remote - Enabled
Touch Sense Grouping - On

APPENDIX B

Setup Data

Absolute Update Mode
AFL Key Function
AFL Level Encoder
AFL Level Sub Value
Auto C-R Monitor Screen On/Off
Auto Clock Display
Auto Effect Screen On/Off
Auto EQ Screen On/Off
Auto Fader Edit Screen On/Off
Automation Auto Punch In/Out Extract Parameter
Automation Auto Punch In/Out Mode
Automation Data Copy Times
Automation Data Copy Tracks
Automation Fader Edit Mode
Automation Locate Mode
Automation Record Mode
Automation Touch Mode
Automation Track Record Parameter Assignments
Aux Send Ducking
Bit Shifting
Bus Master Fader Stereo Link
C-R Monitor - Large or Small
C-R Monitor Source Select
C-R Monitor Stereo PFL/AFL
Cascade Isolate Settings
CD/DAT Copy Prohibit
Channel Link Enable
Channel Link Parameters
Channel Links 1 & 2 Assignments
Channel Links 1 & 2 Master Channel
Console Status
Cue Out - On/Off
Cue Select - Cue or Monitor
Cue Source: Aux 1/Aux 2/Aux 3
DC Cut Filter On/Off
Digital Input and Output Formats
Dim On/Off
Direct Out Mode
Emphasis Settings
EQ Channel or Monitor Selection
EQ Constant
ESAM II Source Mode
Fader Edit Return Time
Fader Grouping Enable

Fader Groups 1 & 2 - Fader Assignments
Fader Start Command
Fader Status - Channel or Bus Master
Fader Touch Sense Select
Global Enable
Group Memory - Setup or Scene
Input Select - Input or DIO
Insert Selections
Inserts Pre/Post
Internal Memory Protect
Internal Sampling Frequency
Keep Touch On Mode
LCD Menu Assignments
Link Memory - Setup or Scene
Memory Recall Confirmation
Memory Store Confirmation
Memory Store/Recall: General/Scene
Meter Characteristics
Meter Modes
MIDI Parameter Assignments
Monitor Mode - Stereo or Mono
Monitor Select - Monitor or DIO
Motors On/Off
Noise Shaping On/Off
Remote Parity Mode
Setup Memory Change Bulk Out
Setup Memory Protect
Solo AFL Mode
Solo Bus Monitor Prohibit
Solo In-Place or AFL
Solo Safe Selections
Stereo Construction Mode
Stereo Input A/B/C - Analog or Digital
Stereo Input C Source - Normal or Talkback
Store Request In/Out Prohibit
Talkback Mic to Cue Bus
Talkback Slate Bus Assign
Timecode Drop Frame LED
Timecode Frame Display Erase
Timecode Frame Dropout Warning Prohibit
Timecode Frame Rate
Timecode Mode
Timecode Start Time
Title Store Prohibit
Touch Sense MIDI Out
Touch Sensor On/Off
Word Clock Selection

Troubleshooting

Problems and Solutions

The Macintosh Crashes during the Launching of Project Manager

The most likely cause of this problem is an insufficient Memory Allocation for the program. Refer to 2.2 for details about RAM allocation. In some rare cases, this problem may be solved by decreasing the amount of memory allocated to the program, although the minimum amount of RAM must always be allocated.

This could also be caused by a conflict with another program or utility. Disable all unnecessary utilities by removing them from the System folder and restarting the Macintosh. If this solves the problem, you can then reinstall utilities one-by-one until you identify the conflict.

The Macintosh Locks-Up during the Opening of a DMC Tool

This problem is almost certainly caused by insufficient Memory Allocation. Refer to 2.2.

The Mac Crashes or Behaves Sluggishly during Project Manager Operation

This could happen if AppleTalk is On. AppleTalk should always be Off when using Project Manager. Open the Chooser to turn AppleTalk Off.

This can also happen if the Overdrive option is active (under Edit in the menubar). Overdrive should always be off when using Project Manager.

Data Transfers are Corrupted

This can happen if AppleTalk of Overdrive are On. See the previous problem.

While large data files are being transferred between the DMC1000 and Project Manager it is advisable to avoid operating the DMC1000 as this could cause data to be corrupted.

Some MIDI interfaces may not handle large bulks of data as well as others. Refer to 1.2 for recommendations regarding Mac/MIDI interfaces for use with Project Manager.

Project Manager Suddenly Stops Functioning

This can happen if a dialog box appears which must be acknowledged. Project Manager will also stop functioning when either the Project Information or Track Names window is open.

Screen Redraws are Very Slow

This will happen if an incorrect number of colors or greys is selected for the Macintosh. Black and white or 256 colors/greys must be used. Refer to 1.1.

Data Displayed in Project Manager is Incorrect

If for any reason, data being displayed in a Project Manager window appears to be incorrect, there are two quick methods of updating the displays. Press the Mac's Escape key once to update Project Manager's displays based on the data contained in the Mac's internal memory. Double-click the Escape key to request updated data

from the DMC1000. Refer to 4.7 for further details.

DMC Tools Displays Do Not Update When Playing an Automated Mix

There could be a few different causes of this problem:

Project Manager's Automation Chase Mode might be inappropriate. Refer to 4.3.2 for details.

The DMC1000's Automation Locate Mode might be inappropriate. Refer to 12.1.1 for details.

Automation Play -> MIDI Out mode: **All MIDI** must be selected in the Automation page. This is selected by default when Project Manager V4.0ST is launched.

Quadra 900/950 and IIfx Users

In order to use Project Manager with some models of Macintosh computer, the Serial Switch control panel device must be installed. This can be installed as part of the OMS installation, as follows:

1) Open the OMS+Patches folder and double-click on Install OMS+Patches.
2) Click **OK** in the first window that appears, then select **Customize** in the next window.
3) Hold the Shift key and select the following items:
   Serial Switch
   OMS System Files
   OMS Setup+Patches application
   Standard MIDI Interface software
4) Click **Install**.

While Opening a Project, the DMC1000's MIDI Buffer Overflows

This can happen if the Project being opened requires the DMC1000's word clock source to be changed. To avoid this problem, change the word clock to the correct source before opening the Project.

Mac Groups Fader Movement is Sluggish

This can be caused by conflicts with other programs or utilities on the Macintosh. Remove from the System folder (or disable) any extensions (INITs) and Control Panel Devices that are not absolutely required.

Some applications may conflict with Project Manager and cause this sort of problem - for example, ClarisWorks should not be open while Project Manager is being used.

Mac Groups will function less efficiently if the [Fader Edit] or [Input] screens are being displayed in the DMC1000's LCD.

Memory Recalls are Delayed in Multi-DMC Configurations

When a Scene Memory is recalled on one DMC1000, other DMC1000s in the system will also change to that Memory. However, there may be some delay before the other DMC1000s change to the new Memory. This can happen if EQ

Overviews are being displayed on the Mac screen. There are a few ways to avoid this delay:

Recall Scene Memories from the Project Page Scene List. By using Display/Edit to send the Memory recall to all DMC1000s in the system, all DMC1000s can be made to change to the new Memory at precisely the same time.

Serial Overrun and Framing Errors

Serial overrun errors indicate that MIDI data coming into the Macintosh is being lost. Some causes of overrun errors and their solutions include:

AppleTalk: this should be turned Off

MIDI Manager: only use this if it is absolutely necessary.

Communication Speed: when using high-speed interfaces (such as the Opcode Studio 5), the interface -> Macintosh speed may need to be adjusted.

Studio 5 Communications Speed

When using an Opcode Studio 5 with Project Manager, the communication speed between the interface and the Macintosh can be adjusted. Different communication speeds may be appropriate for different Macintosh models, but slower speeds will generally produce more reliable results.

In order to change the communication speed, you will first have to quit Project Manager. Then go into the OMS Files folder within the Project Manager folder. Double-click on the **DMC1000 Studio5** file and the OMS Setup application will be launched. Under the **Studio 5** menu heading, select **Fast Mode Communication Speed**. For greater data transfer reliability, the Studio 5 -> Macintosh speed could be set to 1.2 X MIDI.

For the Macintosh -> Studio 5 communication speed, a setting of 2 X MIDI is recommended.

Save the document and then launch Project Manager. If overrun errors, checksum errors or bulk byte count missing messages appear, then you should set a slower Studio 5 -> Macintosh communications speed and try again.

Project Manager cannot access more than 8MB of RAM

In order to use more than 8MB of RAM for a program, the Macintosh must be setup for 32-bit addressing.

From the menu, select **Control Panels**. Open the **Memory** control panel and check that 32-bit Addressing is turned On. While this window is open, it is also advisable to turn Virtual Memory Off.

MIDI Communications Fail during Program Launching or Bulk Data Transfers

If the DMC1000 is reading incoming time code while Project Manager is being launched or while a bulk data transfer is occurring (Scene Memory updating, Project saving, etc.), the DMC1000's data buffers can potentially overflow resulting in corrupted data. This will not necessarily happen on all Macintosh systems, though.

As a general rule, it is advisable to not ask the DMC1000 to read incoming time code while Project Manager is being launched or large bulk transfers are

occurring. In cases where it is inconvenient to turn off the time code source, go to the [TimeCode] LCD screen in the DMC1000, or the MIDI & Time Code page in Project Manager, and select MIDI TC as the Source to temporarily disable the DMC1000's SMPTE/EBU time code reading.

Project Manager does not Function Properly after Opening a Setup File

During launching of Project Manager, certain DMC1000 parameters are automatically set to allow proper communications between Project Manager and the DMC1000. If a Setup file (created at a time when Project Manager was not being used) is loaded into the DMC1000, Project Manager may not function properly. To remedy this, simply select **Re-Initialize Program** from the Project Manager menu after loading the Setup file. Then save the Setup file for future use with Project Manager.

INDEX

A

B

C

D

E

L

M

N

O

P

R

S

T

U

W