

Avid Unity™ MediaNet

Site Preparation Guide

Release 1.0



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Using This Guide

This guide contains information to help you prepare your site for installing Avid Unity™ MediaNet hardware. By following these site preparation guidelines, you can help ensure the smooth and successful installation of your Avid Unity MediaNet environment. You can also avoid delays in getting your Avid Unity MediaNet Server, storage subsystem, and connected Avid Unity MediaNet clients up and running. This guide includes:

- A site planning overview
- System layout
- Environmental requirements
- Electrical requirements
- Networking requirements
- A site planning check list



Your MediaNet environment might not contain certain features that are described in your documentation. Avid's documentation describes all features regardless of which model you purchased.

Who Should Use This Guide

This guide is intended for system administrators and facilities personnel who are preparing the site for the Avid Unity MediaNet installation.

About This Guide

The information in this guide is organized as follows:

- Chapter 1, “Site Planning Overview” provides general information about setting up your site, customer responsibilities, and selecting a location for your MediaNet hardware.
- Chapter 2, “System Layout” discusses the various available system configurations and provides dimensions and weight of the MediaNet components for planning system floor space and loading.
- Chapter 3, “Environmental Requirements” describes the environment for the MediaNet hardware, including necessary temperature and humidity limits.
- Chapter 4, “Electrical Requirements” describes the power requirements for the MediaNet hardware, including special plugs and outlets.
- Chapter 5, “Networking Requirements” discusses how the MediaNet environment can be connected to an in-house or standalone 10BASE-T/100BASE-T network.
- Chapter 6, “Site Planning Check List” provides a list of all the necessary items to complete *before* the MediaNet hardware installation can begin.

Symbols and Conventions

The Avid Unity MediaNet documentation uses the following special symbols and conventions:

1. Numbered lists, when order is important.
 - a. Alphabetical lists, when the order of secondary items is important.
- Bulleted lists, when the order of the items is unimportant.
 - Indented dashed lists, when the order of subtopics is unimportant.

Look here in the margin for tips.

In the margin you will find tips that help you perform tasks more easily and efficiently.



A note provides important related information, reminders, recommendations, and strong suggestions.



A caution means that a specific action you take could cause harm to your computer or cause you to lose data.



A warning describes an action that could cause you physical harm. Follow the guidelines in this guide or on the unit itself when handling electrical equipment.

If You Need Help

If you are having trouble using Avid Unity MediaNet, you should:

1. Retry the action, carefully following the instructions given for that task in this guide.
2. Check the documentation that came with your hardware for maintenance or hardware-related issues.
3. Check the Customer Service and News + Publications sections of the Avid Web site at <http://www.avid.com> for the latest FAQs, Tips & Techniques, Film + Television Update, and other Avid online offerings.
4. Check the Avid Bulletin Board, “Avid Online,” for information on product and user conferences. If you do not find the solution to your problem, you can exchange information with other Avid customers and Avid Customer Support representatives.
5. Contact your local Avid Reseller; in North America, you may contact Avid Customer Support at 800-800-AVID (2843).



For general information, call your local Avid Reseller; in North America, call the Avid Customer Relations Desk at 800-894-5654.

Related Information

The following documents provide more information about MediaNet:

- *Avid Unity MediaNet Setup Guide*
- *Avid Unity MediaNet Administration Guide*
- *Avid Unity MediaNet Quick Start Card for Macintosh Clients*
- *Avid Media Composer Products Site Preparation Guide for Macintosh systems*
- *Avid Media Composer Products Setup Guide for Macintosh systems*

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CHAPTER 1

Site Planning Overview

You need to carefully plan for space, environmental, and power requirements for your Avid Unity MediaNet hardware so the installation proceeds smoothly. During your planning you need to consider:

- Which MediaNet hardware components are standard and which are optional. This can effect your installation date if you need to obtain some optional components from sources other than Avid.
- The environment into which you are installing the MediaNet hardware. You might need to make adjustments to keep the components within their normal operating limits.
- The electrical capacity of the area where you are installing the MediaNet hardware. You will need to upgrade the power and electrical outlets to support the UPSs supplied with your MediaNet hardware.
- Connections for a telephone line. You will need the telephone line to obtain Avid dial-up support.

You should refer to this guide anytime you plan to move the hardware, or when you install additional components to expand the capacity of your Avid Unity MediaNet storage subsystem.

Standard MediaNet Hardware Components

The following hardware components are supplied with all MediaNet environments:

- One or two UPSs
- One to six MEDIAArray™ enclosures
- One MEDIAhub, or one or two MEDIAswitches
- One MediaNet Server with keyboard and modem
- Copper cables

Optional MediaNet Hardware Components

The following hardware components are optional with all MediaNet environments. You can purchase these components separately or from Avid:

- The rack
- The display for the MediaNet Server
- Optical cables

Choosing the System Location

The MediaNet hardware is modular and consists of the MediaNet Server, the MEDIAswitch or MEDIAhub, and the MEDIAArray storage subsystem. Avid recommends that you plan to mount all the components in a rack and provide proper computer-room space for the hardware.

You need to be aware of the following requirements whether you are providing computer-room space or other properly prepared space for your hardware:

- Locate the hardware away from high-traffic areas and potential impacts. High-traffic areas include patch panels, experimental equipment, or equipment that needs frequent physical reconfiguration.
- Choose a location where the hardware will be free from significant temperature or humidity changes, or possible damage from moisture. See [Chapter 3](#) for information on environmental limitations.
- Locate the hardware in a clean environment, free from smoke and dust. *Do not* place any hardware over or near ventilation holes in a raised-floor computer room. *Do not* place any hardware under ceiling or wall ventilation ducts or cold air returns. Dust from the ventilation can cause problems with the hardware.
- Verify that the location you select has a sturdy, level floor, and is not subject to vibration. The rack holding the hardware must be stable during normal operation and service. See [Chapter 2](#) for the weights of all the hardware components.
- Make sure the hardware has adequate space in front of and behind the rack for times when service or reconfiguration is necessary. If the rack has a door, it must be able to open completely to allow access to the front panels of the hardware. See [Chapter 2](#) for information on rack clearances.
- Make sure there is adequate power and the correct receptacle type for each hardware component, the rack power strips, or the optional uninterruptible power supply (UPS). *Do not* use extension cords to plug in any of the hardware components. See [Chapter 4](#) for information on power requirements.
- Make sure you have Ethernet connections near the MediaNet Server and MEDIAswitch. This allows for connections to the network for troubleshooting, when necessary. This connection can also be used by Avid for performing diagnostics. See [Chapter 5](#) for information on network requirements.

- Make sure you have a telephone connection for a modem near the MediaNet Server. This will be used by Avid Customer Support to dial into the MediaNet Server to check configuration issues, reconfigure the MEDIAswitch, or perform diagnostics. You might also want to have a second telephone line for a telephone handset to allow you to talk with Avid Customer Support from the MediaNet Server location.
- For some configurations, make sure you have a table next to the MediaNet rack to hold the MediaNet Server.

Customer Responsibility

Before installing your MediaNet hardware, you are responsible for:

- Developing a floor plan for your hardware configuration. This includes the MediaNet hardware and any attached MediaNet clients.
- Preparing your site to meet all the proper power, environmental, and space requirements for the MediaNet hardware and any attached MediaNet clients. To obtain site requirements for your MediaNet clients, see the *Avid Media Composer Products Site Preparation Guide for Macintosh systems*.
- Obtaining a rack for mounting the UPSs, the MEDIAArray enclosures, the MEDIAswitch or MEDIAhub, and the MediaNet Server. You can purchase the rack separately or through Avid.



If you choose to purchase a rack rather than use the Avid MediaNet rack, the rack must have 230-volt power strips with C-19 plugs on the ends of the power cords to connect properly with the UPSs.

- Obtaining a display for the MediaNet Server. You can purchase the display separately or through Avid.

- Obtaining and running all long copper cables (over 99 feet [30 meters]) between the MediaNet hardware and any attached MediaNet clients throughout your facility. You must also provide the proper hardware connections at both ends of the cables. You can purchase these cables separately or through Avid.
- Obtaining and running all optical cables between the MediaNet hardware and any attached MediaNet clients throughout your facility. You must also provide the proper hardware connections at both ends of the cables. You must purchase these cables separately.
- Installing and configuring any Ethernet routers or bridges *before* the Avid representative begins your system installation.
- Running all cables related to Ethernet, and providing the proper network setup and connections.
- Installing appropriate Ethernet connections within the areas where MediaNet hardware and MediaNet clients are being installed.
- Installing an analog telephone line for Avid dial-up support.



Avid is not responsible for installing or troubleshooting cables that you do not purchase from Avid. Avid also does not provide network services and strongly suggests you use a local service provider to install and set up network connections.



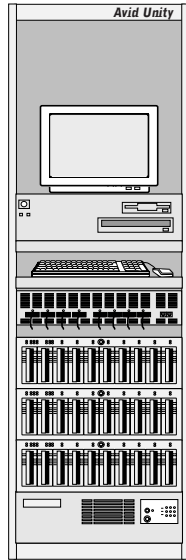
CHAPTER 2

System Layout

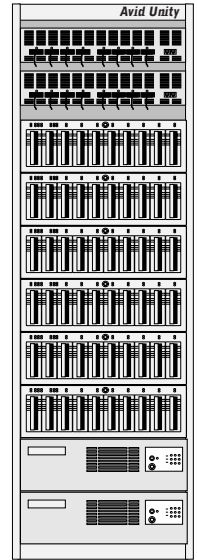
Avid Unity MediaNet is available in four standard configurations. These configurations are fully rack-mountable. They are compatible with the Avid Unity MediaNet rack or any standard 19-inch video racks using either NEMA or EIA mounting-hole layouts. The configurations are:

- Three MediaNet clients, 180-GB storage, and a MEDIAhub
- Three MediaNet clients, 180-GB storage, and a MEDIASwitch
- Five MediaNet clients, 540-GB storage, and a MEDIASwitch
- Nine MediaNet clients, 1080-GB storage, and two MEDIASwitches

Figure 2-1 shows possible rack layouts for the five-client and nine-client MediaNet hardware. Use these rack layouts as a guide in determining how to plan the layout for your site. In its final form, your rack might look a bit different from the standard configurations due to additional hardware or site-specific layout requirements.



Five-client hardware layout



Nine-client hardware layout

Figure 2-1 MediaNet Rack Hardware Layout

Clearance and Access

For normal operation, you'll need to maintain approximately 2 feet (0.6 meters) of open space in front of and behind the rack. This allows free access to the components in the rack for operating changes or adjustments.

For service, you'll need approximately 3 feet (1 meter) of open space in front of the rack and 2 feet (0.6 meters) of open space behind the rack. This allows for the removal of any component that needs to be replaced.

Airflow

Make sure that you do not obstruct the airflow around the rack with large containers, boxes, desks, chairs, or other objects. This can cause the MediaNet hardware in the rack to run at an elevated temperature and possibly shorten individual component life.

Some optional racks are available with a fan located in the top of the rack. If you select one of these racks, make sure the fan does not become obstructed by dirt, dust, or paper so it can provide proper cooling for the components in the rack.

Cables

You can use copper or optical cables to connect between the MEDIAswitch or MEDIAhub and the MediaNet clients. You can mix copper and optical cables in the same environment. You *cannot* mix copper and optical cables within the same run.

For example, [Figure 2-2](#) shows that any particular cable run must consist of only one cable material, either copper or optical. You *cannot* use connectors within a run. Run A and Run B, however, can be of copper cable and Run C of optical cable.

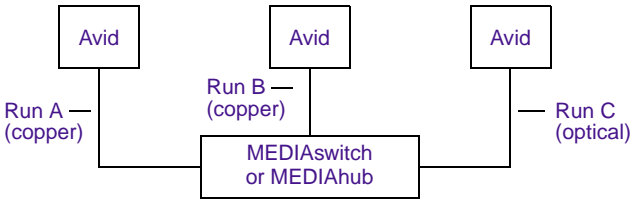


Figure 2-2 Mixing Copper and Optical Cables



If you find your cable is not long enough for the distance you need it to run, you must obtain a longer cable. Avid does not support more than one cable within a particular run.

All cable runs between the MEDIAswitch or MEDIAhub and the MEDIAArray enclosures are made using copper cables that are 10 feet (3 meters) or less.

Copper cables are fully shielded, 75-Ω (ohm), twin-axial Fibre Channel cables with the shield fully bonded to a DB-9 connector at each end. They can be used when the distance from the MediaNet client to the MEDIAswitch or MEDIAhub does not exceed 99 feet (30 meters). Copper cables must meet the 1-GBd FC-AL standard, Revision 4.4 or higher. Cable lengths longer than 33 feet (10 meters) must be equalized.

Optical cables are optional within the MediaNet environment and customer supplied. They can be either 50-μm (micrometer), multimode, dual SC cables or 62.5-μm (micrometer), multimode, dual SC cables. The 50-μm cables can be used for distances from 3 feet (1 meter) to 1650 feet (500 meters). The 62.5-μm cables can be used for distances from 3 feet (1 meter) to 575 feet (175 meters).

When you are using optical cables, you also need to use two media interface adapters (MIAs), one MIA at each end of the cable, to attach to the MEDIAswitch or MEDIAhub and the MEDIAArray controller board. The MEDIAswitch, MEDIAhub, and the controller board are set up to accept a copper cable connection.

Table 2-1 presents information on copper and optical cables and their length.

Table 2-1 Cable Information

Name	Media	Type	Speed	Distance
Coaxial Twinax	Copper	ECL	1.0625 Gb	Up to 99 feet (30 meters)
50 Micrometer Multimode Fibre	Optical	Shortwave Laser	1.0625 Gb	Up to 1650 feet (500 meters)
62.5 Micrometer Multimode Fibre	Optical	Shortwave Laser	1.0625 Gb	Up to 575 feet (175 meters)

Dimensions and Weight

[Table 2-2](#) provides the dimensions and weight of the MediaNet hardware and the optional rack components. Make sure the surfaces where you place the equipment can accommodate the equipment's size and weight.

Table 2-2 Component Dimensions and Weight

Component	Height	Width	Depth	Weight
MediaNet Server Components				
MediaNet Server	7.87 in (200 mm)	19.37 in (492 mm)	17.52 in (445 mm)	38 lb (17.3 kg)
Display ^a	16.30 in (416 mm)	16.10 in (410 mm)	17.30 in (441 mm)	44 lb (20.0 kg)
Keyboard	1.25 in (32 mm)	19.00 in (482 mm)	6.50 in (165 mm)	4 lb (1.8 kg)
Storage Subsystem				
MEDIAArray enclosure	17.50 in (445 mm)	6.07 in (154 mm)	24.91 in (633 mm)	80 lb (36.0 kg)
Connectivity				
MEDIAhub	1.70 in (43 mm)	8.70 in (221 mm)	5.70 in (145 mm)	3 lb (1.4 kg)
MEDIAswitch	3.40 in (86 mm)	19.00 in (482 mm)	21.20 in (538 mm)	26 lb (11.9 kg)
Power Management				
UPS	7.00 in (178 mm)	17.60 in (448 mm)	18.70 in (475 mm)	86 lb (39.1 kg)
Mounting Hardware				
MediaNet rack ^b	68.35 in (1736 mm)	25.55 in (649 mm)	34.21 in (869 mm)	250 lb (113.6 kg)

a. Values are for Avid-supplied display.

b. Dimensions and weight will vary if you use a standard video rack.



CHAPTER 3

Environmental Requirements

The Avid Unity MediaNet hardware is designed to operate in a standard “open office” or computer-room environment. When you select a location, you should:

- Make sure the location has a sturdy, level floor, and is not subject to vibration.
- Make sure the location is away from high-traffic areas.
- Make sure the location is clean and free from dust, smoke, or other airborne contaminants.
- Make sure the location does not have significant temperature changes. Choose a location where the temperature does not vary more than 18°F (7.78°C) per hour.
- Make sure the location does not have significant humidity changes. A location with approximately 40 percent humidity can prevent problems stemming from electrostatic discharge.
- Make sure the location has adequate space in front of and behind the rack. You must be able to connect cables and service the parts of your hardware. It also needs adequate airflow for cooling.

If security for the MediaNet hardware is important, you should address this issue during site planning. Planning and implementing security for the hardware, before its installation, will save disrupting the hardware and its users at a later time.



The MediaNet Server needs to be located near the storage subsystem (within 10 feet [3 meters]). If there are several people that need access to the MediaNet Server, you will need to arrange security clearance for all the people who use the MediaNet Server.

Table 3-1 provides information on operating and storage temperature and humidity specifications for the MediaNet hardware components. Make sure your environment meets the narrowest range of specifications in the table.

For example, the MEDIAswitch can operate in an environment of 32°F to 104°F (0°C to 40°C), but the MediaNet Server should only operate in an environment of 50°F to 90°F (10°C to 32°C). Therefore, the temperature at your site should not drop below 50°F (10°C) or rise above 90°F (32°C) while the MediaNet Server is running.

Table 3-1 Environmental Specifications

Component	Operating Temperature	Operating Humidity	Storage Temperature	Storage Humidity
MediaNet Server Components				
MediaNet Server	50°F to 90°F (10°C to 32°C)	8% to 80% noncondensing	50°F to 110°F (10°C to 43°C)	8% to 80% noncondensing
Display ^a	50°F to 104°F (10°C to 40°C)	20% to 95% noncondensing	32°F to 140°F (0°C to 60°C)	10% to 95% noncondensing
Keyboard	50°F to 104°F (10°C to 40°C)	8% to 80% noncondensing	50°F to 110°F (10°C to 43°C)	8% to 80% noncondensing
Storage Subsystem				
MEDIAArray enclosure	50°F to 104°F (10°C to 40°C) ^b	20% to 80% noncondensing	–40°F to 149°F (– 40°C to 65°C)	10% to 90% noncondensing
Connectivity				
MEDIAhub	50°F to 104°F (10°C to 40°C)	20% to 80% noncondensing	–22°F to 140°F (– 30°C to 60°C)	10% to 90% noncondensing
MEDIAswitch	32°F to 104°F (0°C to 40°C)	8% to 80% noncondensing	–40°F to 167°F (– 40°C to 75°C)	8% to 80% noncondensing
Power Management				
UPS	32°F to 104°F (0°C to 40°C)	5% to 95% noncondensing ^c	5°F to 122°F (– 15°C to 50°C)	5% to 95% noncondensing

a. Values are for Avid-supplied display.

b. Maximum operating temperature is the temperature inside the MEDIAArray enclosure.

c. Battery life is reduced at temperatures above 77°F (25°C).



CHAPTER 4

Electrical Requirements

You should consider installing a separately derived power system for your Avid Unity MediaNet hardware. This ensures that you can control the hardware grounding, with all grounds brought to a single point, and that uncontrolled equipment, such as coffee makers or floor polishers, cannot be plugged into the same power source as the MediaNet hardware.

If you do not create a separately derived power system, you need to make sure the power outlets you use are from the same distribution panel. This helps to prevent the occurrence of ground loops that can be caused by plugging equipment into power sources with different ground potentials.

When you have your hardware controlled by UPSs, you'll need to run separate 230-volt, 30-amp power lines, with an IEC C-20 receptacle, to the location where you are installing the hardware. If you run more than one line because you have two UPSs, you must make sure the lines come from the same distribution panel.



You should have all the electrical work at your site done by a licensed electrician. All the electrical changes must meet country, state, and local electrical codes.

As you choose the location for your MediaNet hardware, keep these electrical requirements in mind:

- Make sure there is adequate, dedicated power for the individual hardware components or for the UPSs that are part of your Avid Unity MediaNet environment.



Avid recommends the use of UPSs appropriately sized for your Avid Unity MediaNet configuration. The UPSs provide protection against sudden power surges or losses that could cause you to lose files or experience corrupt data.

- Make sure your location is away from major electrical equipment such as motors, air conditioners, or elevators.
- Make sure the location is not subject to electrostatic buildup.
- Plug only your MediaNet hardware into the power strips. Do not plug in coffee makers, radios, lights, or other non-Avid devices.

Table 4-1 shows the electrical specifications for all the MediaNet hardware. Make sure your site meets these specifications.

Table 4-1 Electrical Specifications

Component	Voltage	Frequency	Watts (Max. U.S.)
MediaNet Server Components			
MediaNet Server	110 or 220 Vac	50 to 60 Hz	145 W
Display ^a	100 to 240 Vac	50 to 60 Hz	95 W
Storage Subsystem			
MEDIAArray enclosure	100 to 240 Vac	47 to 63 Hz	400 W ^b
Connectivity			
MEDIAhub	100 to 240 Vac	50 to 60 Hz	50 W
MEDIAswitch	100 to 240 Vac	50 to 60 Hz	300 W
Power Management			
UPS	230 Vac ^c	50 to 60 Hz	1500 W

a. Values are for Avid-supplied display.

b. Fully configured with two power supplies, two link cards, and ten MEDIAArray drives.

c. Requires an IEC C-20 receptacle.

Hardware Component Power Cords

Choose the power cords for the MediaNet hardware according to the country destination; it must comply with local safety requirements.

Use the following guidelines to replace the original cord set:

- **CEE-22 requirements:** The female receptacle of the cord set, shown in [Figure 4-1](#), must comply with CEE-22 requirements.

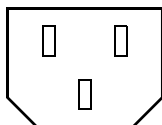


Figure 4-1 Receptacle (CEE-22)

- **United States and Canada requirements:** In the United States and Canada, the male plug is a NEMA 5-15P style and is UL listed and CSA certified. [Figure 4-2](#) shows the plug. SVT cordage can be used with desktop, countertop, or rack-mounted units; all other equipment requires SJT cordage. Only SJT-type cord sets can be used for units that sit on the floor.

Select the cord set according to the current rating of your unit. See [Table 4-2](#) for the selection criteria for power cords in the United States and Canada.

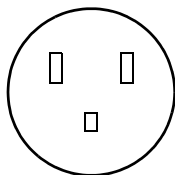


Figure 4-2 NEMA 5-15P Style Plug

- **European countries requirements:** In Europe, use only an H05VV-F, <HAR>, VDE, PVC, 3 x 1.00 mm² power cord. Für den Gebrauch in Deutschland muß ein Netzkabel des Typs H05VV-F, <HAR>, PVC, Größe, 3 x 1.00 mm² verwendet werden.

Table 4-2 Power Cord Requirements

Size of Conductors in Cord			Maximum Current Rating of Unit	
Cord Type	U.S./Canada	Europe	U.S./Canada	Europe
SJT	16 AWG	3 x 1.00 mm ²	12 A	10 A
SVT	18 AWG	NA ^a	10 A	NA
SVT	17 AWG	NA	12 A	NA

a. NA – Not applicable.

UPS Power Cord

Use the following guidelines to replace the original cord set on the UPS:

- **Worldwide requirements:** The UPS ships with a replaceable power cord and the male plug is an IEC C-20 style. The power cord and plug are UL listed and CSA certified. [Figure 4-3](#) shows the plug.

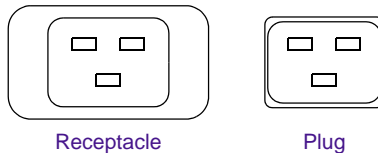


Figure 4-3 IEC C-20 Style Plug and Receptacle



CHAPTER 5

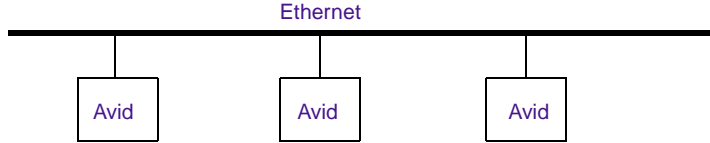
Networking Requirements

You need to consider connecting all of the MediaNet clients you attach to the Avid Unity MediaNet hardware to an Ethernet network. The network allows you to pass sequences, using AvidNet™ Transfer Tool, to other workstations on your network for changes or additions such as effects editing, 3D and animation editing, graphics compositing, or audio editing.

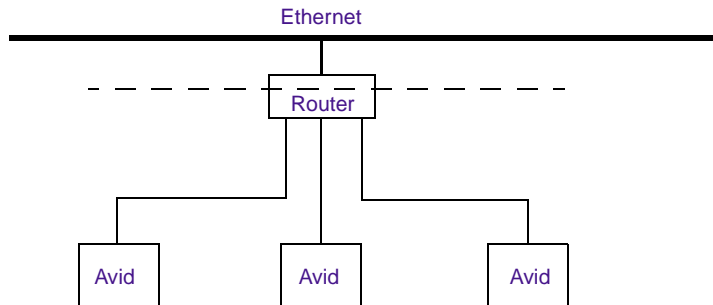
The Ethernet network can be either a standalone network or an existing in-house network. The network can be either 10BASE-T or 100BASE-T. Each system must be properly configured with a valid IP address and subnet mask. See the *AvidNet Transfer Tool User's Guide* for more information on configuring the MediaNet client network.

You can connect your MediaNet client to the network by:

- Attaching one or more systems directly to the network.



- Attaching one or more systems to the network through a router. The router allows you to segregate the MediaNet clients from the rest of the network.



You can also connect the Avid Unity MediaNet Server to the network. This allows you to test network connections to the attached MediaNet clients, troubleshoot Avid Unity MediaNet environment problems, or obtain software updates from Avid through the Internet. Avid recommends that you do not plan to have the MediaNet Server connected to the network all the time — only when the need arises.



The MediaNet Server is a dedicated system, designed to manage the files stored on the Avid Unity MediaNet storage subsystem. It should not be used to do any other work, such as word processing, graphics, or spreadsheets. Using the MediaNet Server to do other work will seriously impact your MediaNet environment performance.



CHAPTER 6

Site Planning Check List

As you prepare your site for the Avid Unity MediaNet hardware, check the following items to make sure your site is ready for the hardware installation.

System Layout

- ☐ There is room for a table to hold the MediaNet Server (required for a nine-client configuration only).
- ☐ All optical cables and MIAs are obtained and installed.
- ☐ Optical cables cannot be damaged by traffic or moving objects.
- ☐ Two telephone lines are available at the system location.

Environment

- ☐ System location has a sturdy, level floor with no vibration.
- ☐ System location provides adequate airflow to cool the hardware.

- ☐ System location is not a high-traffic area.
- ☐ System location is clean and free from dust, smoke, and other airborne contaminants.
- ☐ System location does not experience large changes in temperature or humidity.
- ☐ System location has appropriate clearance in front of and behind the rack for normal operation, cable changes, and service.
- ☐ System location has necessary security.

Electrical

- ☐ System location has adequate, dedicated power for the individual hardware components or for the UPSs that are part of the Avid Unity MediaNet environment.
- ☐ System location has one or two 230-volt, 30-amp IEC C-20 receptacles installed for UPSs.
- ☐ System location is not near major electrical equipment, such as motors, air conditioners, or elevators.
- ☐ System location is not subject to electrostatic buildup.
- ☐ System hardware is plugged into power strips with no other non-Avid devices plugged into them.

Network

- ☐ All Ethernet network cables are installed.
- ☐ An Ethernet hub is installed, if needed.
- ☐ An Ethernet router is installed, if needed.
- ☐ Ethernet network connections are available for each MediaNet client.

Table 6-1 MediaNet Networking Information

	IP Address	Subnet Mask
MediaNet Server		
MEDIAswitch #1		
MEDIAswitch #2		
MediaNet Client #1		
MediaNet Client #2		
MediaNet Client #3		
MediaNet Client #4		
MediaNet Client #5		
MediaNet Client #6		
MediaNet Client #7		
MediaNet Client #8		
MediaNet Client #9		



APPENDIX A

Regulatory and Safety Notices

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Canadian ICES-003

This Class A digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.

Cet appareil numérique de la classe A respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

European Union Notice



Declaration of Conformity
(According to ISO/IEC Guide 22 and EN 45014)

Application of Council Directives: 73/23/EEC, 89/336/EEC.

Standards to which
Conformity is Declared: EN 60950: 1992 + A1 + A2 + A3 + A4
IEC950: 1992 + A1 + A2 + A3 + A4: 1993 Mod.
CISPR 22:1985 / EN 55022:1988 Class A
EN 50082-1:1992 / IEC801 -2, -3, -4

Manufacturer's Name: Avid Technology, Inc.
1925 Andover Street,
Tewksbury, MA 01876, USA

European Contact: Nearest Avid Sales and Service Office or
Avid Technology International B.V.
Sandyford Business Center
Unit 3,
Dublin 18, Ireland

Type of Equipment: Information Technology Equipment

Product Name: Media Composer for the Windows NT and Macintosh Operating Systems, Film Composer, Symphony, Avid Xpress for the Macintosh Operating System, Avid Xpress with Plus Bundle for the Macintosh Operating System, Avid Xpress with Deluxe Bundle for the Windows NT and Macintosh Operating Systems, Avid Xpress with Elite Bundle for the Windows NT and Macintosh Operating Systems

Base Model Numbers: All for the Windows NT Operating System; Avid Xpress, 1000, 1000 XL, 9000, MC Offline, MC Offline XL, and Media Station for the Macintosh Operating System

Product Options: All

Year of Manufacture: 1999

(1) The product was tested in a typical Symphony, Avid Xpress with Deluxe Bundle for the Windows NT Operating System, Avid Xpress with Elite Bundle for the Windows NT Operating System, or Avid Media Composer configuration.

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directives and Standards.

George R. Smith, Director of Quality Engineering

Australia and New Zealand EMC Regulations

