



Congratulations! With the purchase of the *NetStreams* Streaming Music Manager, you have unlocked the potential of the music on networked PCs, Network Attached Storage (NAS) drives, and USB devices. You also have the flexibility to change and upgrade the storage where you keep music files, meaning you can increase capacity with your needs, and the SMM100 will automatically keep up. We are confident that you will enjoy the SMM100 and have included this basic installation guide to help you with the first steps. If you have any questions, please reference the *DigiLinX* Dealer Setup Manual or call *NetStreams* Technical Support at 1-800-*NetStreams*.

The Streaming Music Manager (SMM100) is an IP-Based networked music manager that discovers shared music (WAV and MP3) on a network stored on a PC, NAS system, or USB storage device, and makes this music available for playback across the *NetStreams DigiLinX™* system.

Streaming Music Manager builds a database containing the locations of music files and makes this information available to the *DigiLinX* network. *DigiLinX* can then browse the database, locate and play the files from the computer, and display metadata from those files on the *DigiLinX* graphical interface.

## Specifications

- 1U in height
- Set top or rack mounted
- One 10/100 Mbps Ethernet connection (for network)
- Four USB connections
- Standard power connection
- VGA, Composite, and S-Video connections - these are video for status display outputs when connected to a monitor.

See Figure 1 for callouts.

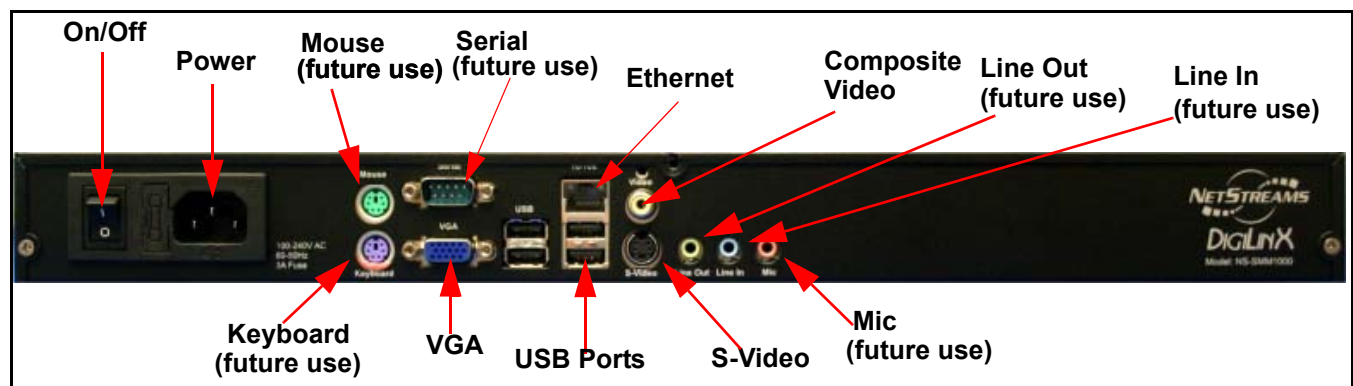


Figure 1 SMM100

## Connecting the SMM100 to the Network

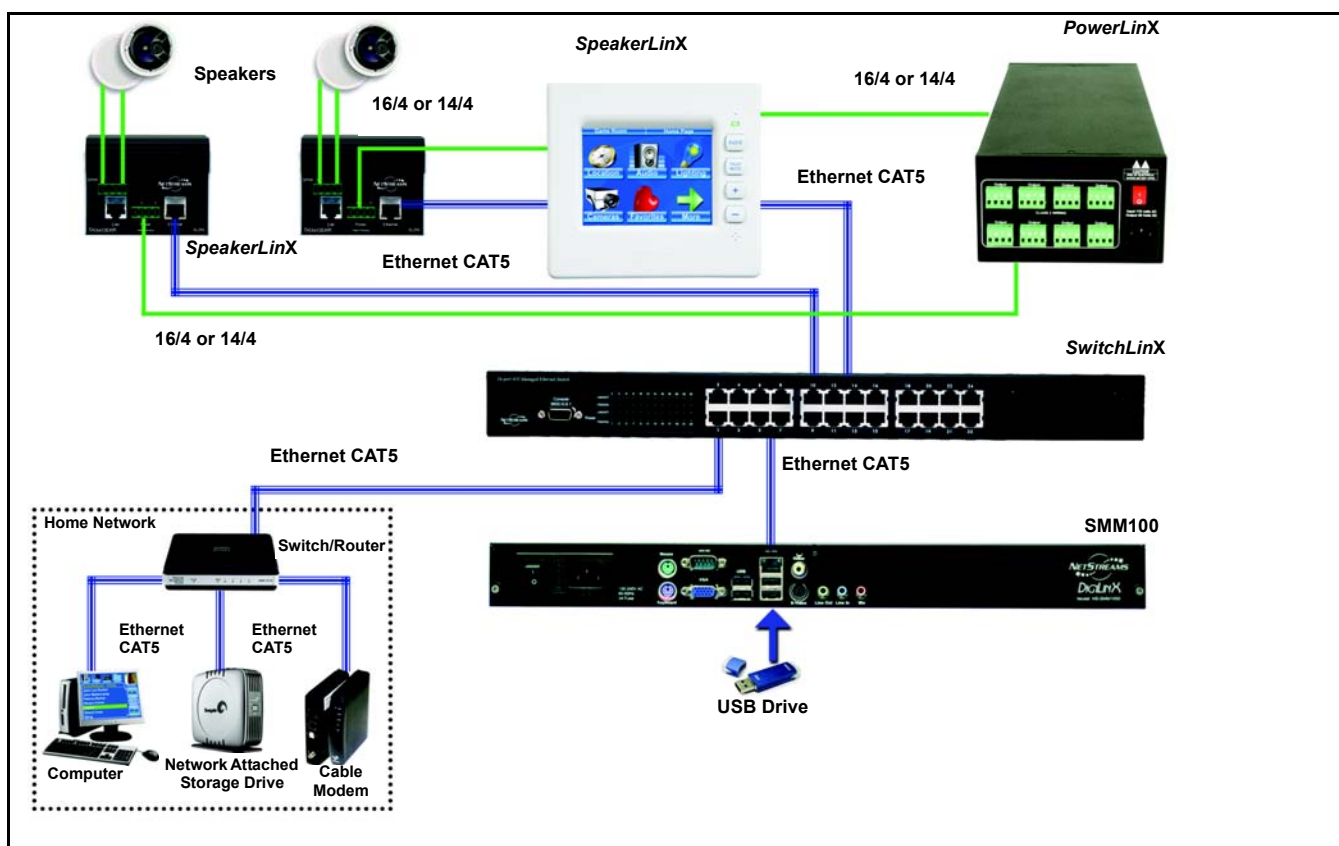
Installation of the SMM100 requires three steps:

1. Install and connect hardware.
2. Set up the folder you have stored music in as a shared folder.
3. Use the *DigiLinX* Dealer Setup program to configure the *DigiLinX* system to recognize the SMM100 (this is covered in the *DigiLinX* Dealer Setup Manual found on the *NetStreams* web site ([www.netstreams.com](http://www.netstreams.com)) on the Dealer Documents page.

You can have a *DigiLinX* only network or you can combine your home computer network with *DigiLinX* so that the SMM100 can access the music source (computer or NAS drive).

The IP addressing and subnet masking schema of the *DigiLinX* network and the home network must match for the SMM100 to find network shared music on the home network.

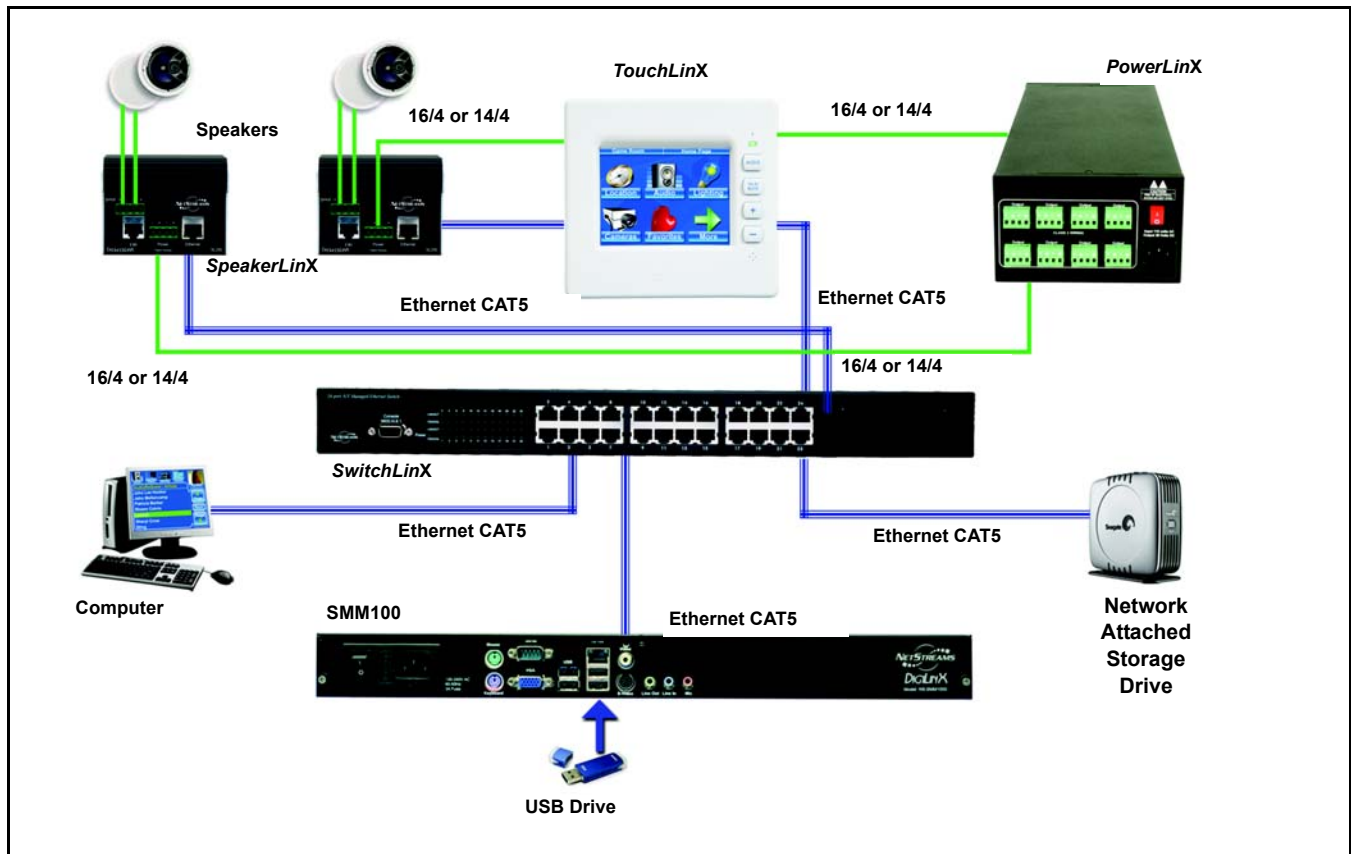
If you want to connect *DigiLinX* to your existing home network, see Figure 2.



**Figure 2** *DigiLinX* and a home network

**NOTE:** This is the recommended method of integrating SMM100 with a home network.

If you want to connect one computer directly to a *DigiLinX* system, refer to Figure 3.



**Figure 3** *DigiLinX* network

## Step 1: Installing and Connecting Hardware

Figure 3 illustrates how to install and connect the hardware.

### Connecting *DigiLinX* Devices

1. Turn power off to all devices.
2. Connect the speakers to the *SpeakerLinX*<sup>™</sup>.
3. Using CAT5 or using 16/4 or 14/4 speaker wire, connect the *SpeakerLinX* to the *TouchLinX*<sup>™</sup>.
4. Using 16/4 or 14/4 speaker wire, connect the *TouchLinX* to the *PowerLinX*<sup>™</sup>.
5. Using CAT5 connect the *TouchLinX* to the *SwitchLinX*<sup>™</sup>.
6. Using CAT5 connect the SMM100 to the *SwitchLinX*.

### Connecting a PC/Mac/Windows Media Center

Using CAT5 connect the computer to the *SwitchLinX* or to the switch/router on the home network.

## Connecting the NAS Drive

Configure the NAS drive using the manufacturer's software. Using CAT5 connect the NAS drive to the *SwitchLinX* or to the PC's switch/router.

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**IMPORTANT!** Ensure that you configure your computer and NAS drive with an IP address that matches the IP address range used by the *DigiLinX* and home network. Refer to the *DigiLinX* Dealer Setup Manual on the Dealer Documents page of the *NetStreams* web site.

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## Connecting USB Devices

Connect any USB storage device into one of the USB ports on the SMM100.

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**NOTE:** If you are rack mounting and want to insert a USB device into the SMM100, you must install a USB extension so that the port is accessible at the front of the unit after mounting.

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**NOTE:** Examples of USB storage devices include Apple™ iPod, Creative Nomad, Dell DJ, USB Flash storage drives, and USB-connected hard drives.

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## Connecting Power

Connect power to the PC, NAS drive, SMM100, and *PowerLinX*. Power up all devices.

## Step 2: Setting up Shared Folders

For music on a hard drive to be recognized by the SMM100, the folder must be shared. This is a process where a folder on a computer or Network Accessible Storage (NAS) drive is set so that it is accessible by other computers on the network.

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**NOTE:** The time it takes for the SMM100 to recognize music on a new shared folder, catalog its folder, and make that information available to the *DigiLinX* network is not instantaneous. Please wait up to 15 minutes on the first configuration attempt to ensure your new shared folder is recognized by the SMM100 and that music files are properly identified.

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Since the procedures for setting up shared folders vary from operating system to operating system, refer to your operating system manual for procedures on setting up shared folders.

For each computer hosting music, a unique share folder name must be applied.

If more than one computer is hosting music on the network, complete this procedure for each computer. Each shared folder name must be unique.

### **Step 3: Configure the SMM100 with DigiLinX**

The SMM100 ships with an IP address of 10.15.1.25. This address can be changed from *DigiLinX* Dealer Setup. For further information on configuring the SMM100, refer to the *DigiLinX* Dealer Setup Manual on the *NetStreams* Dealer section of the web site ([www.netstreams.com](http://www.netstreams.com)) on the Dealer Documents page.

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