



MUSICA™ MUR2EM

Quick Start Guide

The *MUR2EM* connects to the *Musica* MU5066ADC. It allows the home owner to control the *Musica* system through a Flash-enabled web browser. For more detailed instructions, download the *Musica MUR2EM* Installation guide from www.netstreams.com.

Hardware Requirements

To complete an installation for a single *MUR2EM*, you will need:

- an *MUR2EM*. Part Number: NS-MUR2EM,
- a *NetStreams Musica* MU5066 Audio Distribution Center® (ADC). Part Number: NS-MU5066ADC,
- a hub/switch,
- a computer with serial port (or USB to serial adapter),
- an Ethernet cable,
- an RS-232 cable,
- a power cable for the *MUR2EM*,
- a power cable for the *Musica* MU5066ADC, and
- a power cable for the hub/switch.

Software Requirements

- Flash Macromedia® running on the web browser device.
- Windows XP, SP2.
- a Flash-compatible web browser.

Configuring the IP Address

To configure the IP address for the *MUR2EM*, you must first connect the hardware, then use HyperTerminal to complete the configuration.

Connecting the MUR2EM

To connect the *MUR2EM* for IP configuration, complete the following steps:

1. Connect the *MUR2EM* to the computer using the null modem cable provided.

NOTE: If your computer does not have a serial port, you need to use an adapter that converts USB to serial. Note the COM port number.

2. Connect the Ethernet port of the *MUR2EM* to the home network switch.
3. Connect the Ethernet port of the computer to the home network switch.
4. Ensure all power cables are plugged in.
5. Start the computer.

Configuring the IP Address

This section shows you how to configure the IP address for your *MUR2EM* that matches the IP address scheme for the home network.

To configure the IP addresses of your *MUR2EM*s, complete the following steps:

1. Select **Start>All Programs>Accessories>Communications>HyperTerminal**.
The HyperTerminal screen displays.
2. In the Connection Description dialog box, enter **MUR2EM** in the Name field.
3. Select **OK**.
The Connect To dialog box displays
4. In the Connect Using field, enter the COM port you want to use (this will normally be COM1).
5. Select **OK**.
The COM Properties window displays.
6. Enter the following settings:
 - Bits Per Second: 9600
 - Data Bits: 8
 - Parity: None
 - Stop Bits: 1
 - Flow Control: None
7. Select **OK**.
A blank HyperTerminal screen displays.
8. Pull the power cable from your *MUR2EM*, wait 5 seconds, then plug it back in.
Wait 30-60 seconds while HyperTerminal connects to the *MUR2EM*. Shortly, the screen displays information for the *NetStreams MUR2EM* and says you can make changes if you press any key within five seconds of the information displaying.
9. Press any key.
You are prompted to Accept or Modify the settings.
10. Enter **M** to modify.
You are prompted for the root password.
11. Enter **Netsilicon** (the field is case-sensitive).
You are prompted to enter your IP settings.
12. Enter the Static IP Address and press **Enter**.
You are prompted to enter the Subnet mask.
13. Enter the Subnet Mask and press **Enter**.
You are prompted to enter the Gateway Address.
14. Enter the Gateway address and press **Enter**.
You are prompted that changes are being saved in NV memory and that the configuration is done.
The unit reboots. You will see the new IP, Subnet Mask, and Gateway settings on the HyperLink terminal screen.

IMPORTANT! Do not make any changes to your computer, or any hardware connected to the system until the unit completely reboots.

Connecting the *MUR2EM*

To connect the *MUR2EM* to your home network, complete the following steps:

1. Connect the *MUR2EM* to the *Musica MU5066ADC* using a null modem cable.
2. Connect the Ethernet port of the *MUR2EM* to the home network switch.
3. Connect the Ethernet port of the computer to the home network switch.
4. Ensure all power cables are plugged in.
5. Start the computer.
6. Configure the interface.