



Operation/Reference Guide

Mi-Control

Mi-Series Configuration Software
v1.0.3



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Overview

This document describes the features and functionality of Mi-Control. Before you begin using Mi-Control, be sure to read this guide for installation instructions and other important information. This guide contains instructions for:

- Installing Mi-Control
- Selecting stations, channels and tracks
- Working with presets
- Working with room settings
- Working with groups
- Customizing Mi-Control

System Requirements

Mi-Control is compatible with:

- Microsoft Windows 2000 Professional, SP 4
- Microsoft Windows 2000 Server, SP 4
- Microsoft Windows 2003 Server, SP 1
- Microsoft Windows XP Professional, SP 2

Base requirements of the computer are determined by the operating system selected.

Additional requirements are:

- 500 MHz or higher processor
- 256 MB of RAM
- 10 MB available disk space.
- Network Interface Card
- Microsoft .NET Framework Version 1.1
- Minimum screen resolution of 800 x 600.

About Mi-Control

Mi-Control lets you control the audio sources connected to the Mi-Series controller from any computer on your network.

From Mi-Control you can:

- Adjust the volume of any room
- Select satellite channels, radio stations, or CD and DVD tracks to play in one or more rooms
- Group rooms together, to play the same source in multiple rooms - great for entertaining
- Lock rooms to prevent others from changing the current settings
- And many other features to customize the audio settings of your environment

For Mi-Control to operate correctly, the following conditions must be satisfied:

- Mi-Control must be on the same local area network (LAN) as the Mi-Series controller.
- The controller must be turned on.

Installing Mi-Control

This section describes how to install Mi-Control. To install Mi-Control you must be logged into the computer as an Administrator.

1. Insert the Mi-Control installation disk into the computer's CD or DVD drive.
2. On the Welcome to Mi-Control Setup Wizard window, click **Next**.
3. On the Installation window, select a destination folder to install Mi-Control.
4. To install Mi-Control for all users of the computer, click **Everyone**, or to install the program for your use only, click **Just me**.
5. Click **Next**.
6. On the Confirm Installation window, click **Next**.
7. On the Installation Complete window, click **Close**.



NOTE

You may need to restart your computer to complete the Mi-Control installation. If a message box is displayed indicating the computer needs to be restarted, click Yes.



NOTE

Mi-Control depends on the Microsoft .NET Framework Version 1.1. We recommend that you use Windows Update to check for any critical updates to the .NET Framework. Refer to your Windows Help for more information.

Opening Mi-Control

1. On the Start menu, select Programs | Matrix Audio Designs | Mi-Control. Once Mi-Control is launched, it automatically searches the network for any available Mi-Series controllers. Any controllers Mi-Control finds display in the Available Controllers list.



NOTE

You can run only one instance of Mi-Control computer at a time. If you attempt to launch another instance of Mi-Control, an error message displays informing you to check whether another Mi-Control instance is running. However, it is possible to run multiple Mi-Controls on different machines at the same time and control the same controllers.

Searching for Available Controllers

Searching locates Mi-Series controllers that connected to the network after you opened Mi-Control.



FIG. 1 Controller Selection Window

1. To locate connected controllers, on the Controller Selection window, click **Search**. Connected controllers display in the Available Controllers list.

Controller Network Status

The Mi-Control Controller Selection window displays the IP Address and the current network status of controllers. The table below shows the possible status values.

Controller Network Status	
Status	Description
Failed	The controller has stopped communicating. If this happens, check that your computer's network connection is working, and that the controller is powered on and properly connected to the network.
Handshaking	Mi-Control is negotiating a connection with the controller.
Connected	Mi-Control has established a connection with the controller.

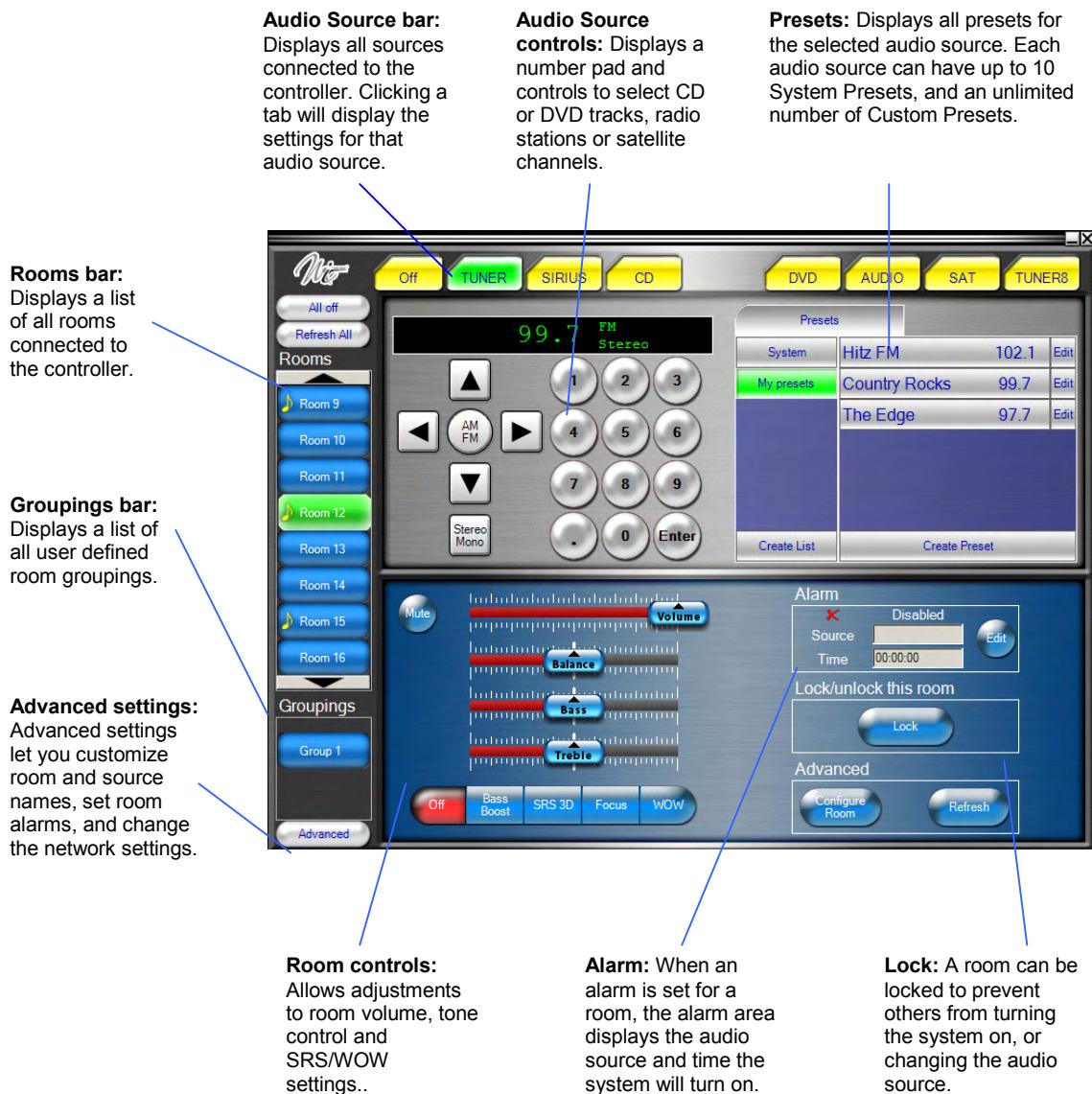


A controller can only be used when its status is **Connected**. Otherwise, the Select button will be disabled.

NOTE

Mi-Control Main Window

To access the Mi-Control software, click **Select** beside the Controller you would like to access. The Main window opens.



Room Icons

The Rooms Bar displays a list of all rooms connected to the controller. Beside each room, an icon may be displayed which indicates the state of the room. The following table describes the possible states.

Room Icons	
Room Bar Icon	Description
(Empty)	No Audio Source is playing In the room.
	Audio source is playing in the room.
	The room is part of a playing group.

Working with Network Settings

Mi-Series controllers connect to the network using a system generated network address from a router or other DHCP server, or using a static IP address. You can review the controller's current network settings and modify them in the Mi-Control Configuration window.

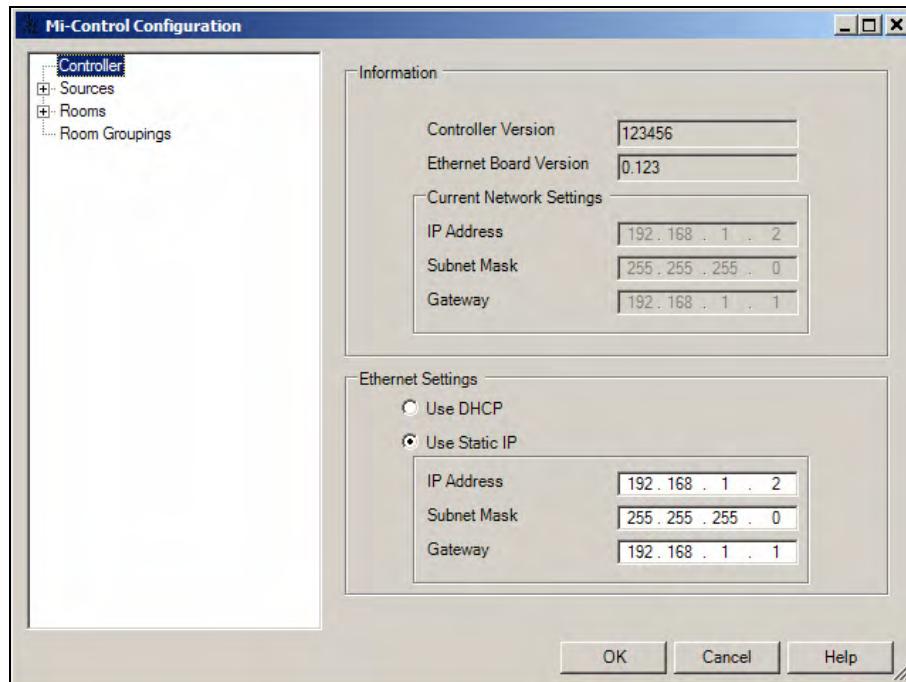


FIG. 2 Controller network settings

Reviewing Mi-Control Ethernet Settings

To access the Mi-Series controller settings, on the Main window, click **Advanced**.

The Mi-Control Configuration window displays read-only information about the Mi-Series controller. The following controller details are displayed:

- Controller version
- Ethernet board version
- Current network settings

Changing the Mi-Series Controller to Use DHCP

1. On the Main window, click **Advanced**.
2. Select the **Use DHCP** check box.
3. Click OK.



If the controller is configured to use DHCP, and it cannot acquire an address (for example, if a DHCP server is not available), it will use its configured static IP address instead.

Changing the Mi-Series Controller to Use a Static IP Address

1. On the Main window, click **Advanced**.
2. Select the **Use Static IP** check box.
3. In the IP Address box, type the IP address.
4. In the Subnet Mask box, type the subnet mask.
5. In the Gateway box, type the gateway.
6. Click OK.

Customizing Mi-Control Buttons

To easily identify your audio sources and rooms, you can customize the text that appears on the Room bar and Audio Source bar buttons. You can also customize the text on Source Control buttons.



NOTE

Custom Room and Source names are saved with every instance of Mi-Control and are not shared by other users/instances of Mi-Control.

Naming an Audio Source

To make identifying audio sources easy, you can customize the name of the source. The default name listed on the audio tab is determined by the actual audio source connected to the Mi-Series controller. Sources are listed in order from 1-8. If a Source Name is left blank, the default Source Type will be displayed.

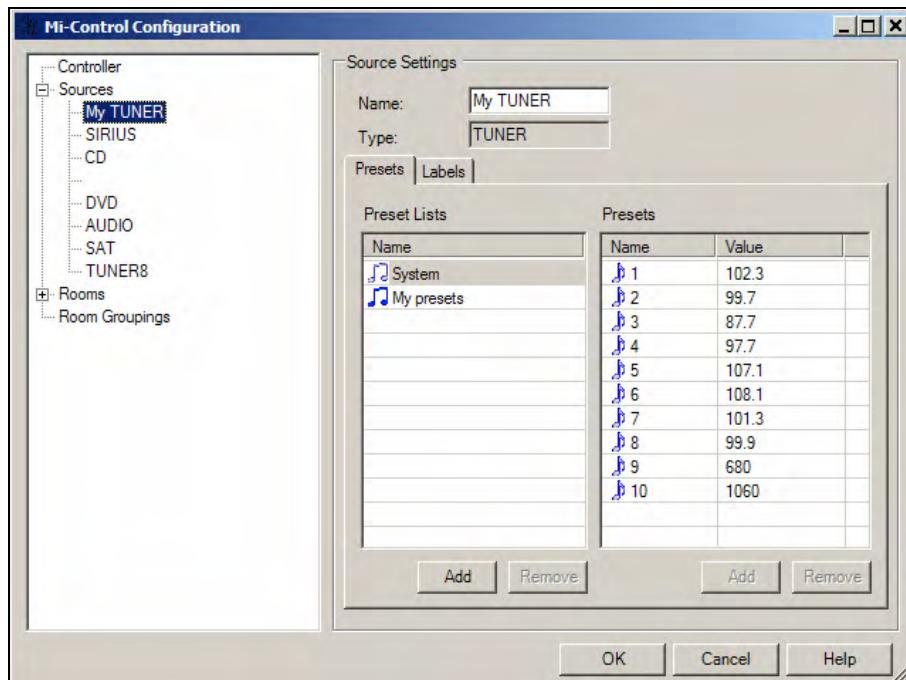


FIG. 3 Source Settings Window

1. Click **Advanced**.
2. To display the list of sources, double-click **Sources**.
3. Click the source you want to name.
4. In the Name box, type a name.
5. Click **OK**.



NOTE

If an audio source type is changed on the Mi-Series controller, click the Refresh All button on the Main Window, or reselect the Controller from the Controller Selection Window for Mi-Control to recognize the new source type. You may also need to rename the audio source to match the new source type.

Naming a Room

To make identifying rooms easy, you can customize the name of each room. By default the rooms are named sequentially.

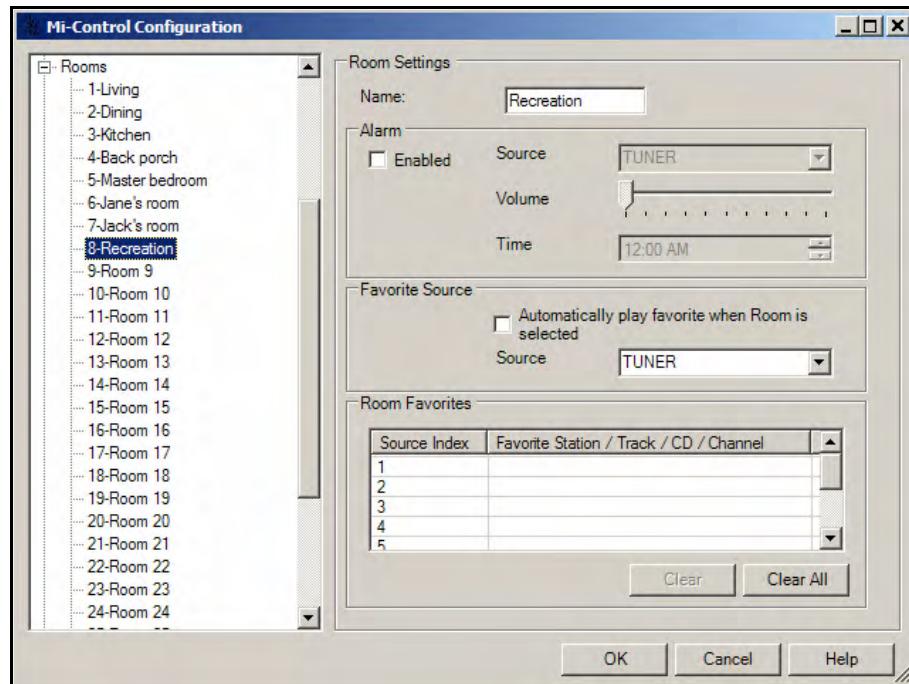


FIG. 4 Room Settings

1. Click **Advanced**.
2. To display the list of rooms, double-click **Rooms**.
3. Click the room you want to name.
4. In the Name box, type a name.
5. Click **OK**.

Naming Source Control buttons

Mi-Control allows you to change the roll-over text associated with Source Control Buttons.

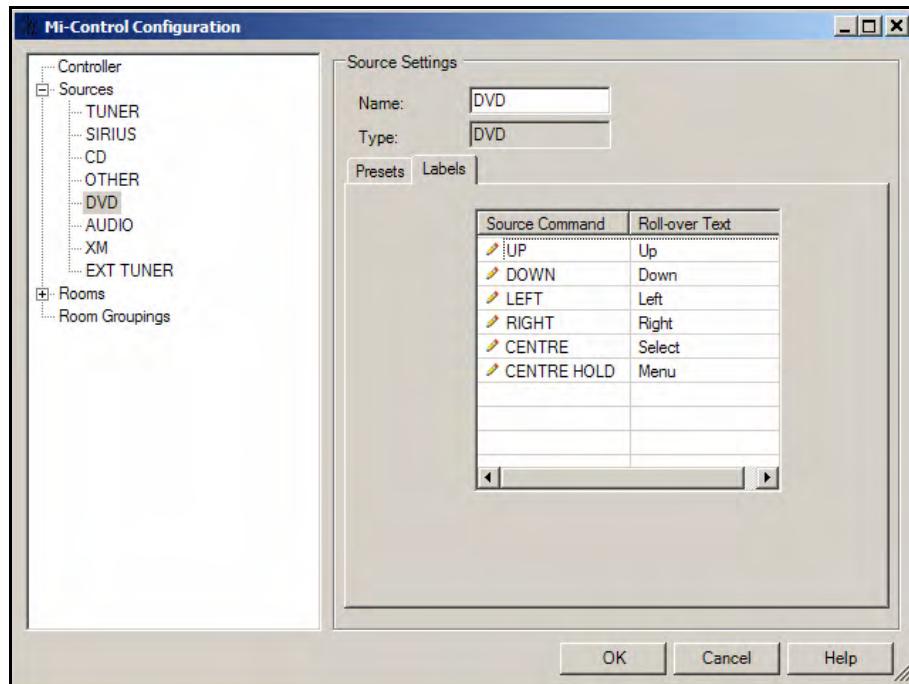


FIG. 5 Source Settings Window. Labels Tab

1. Click **Advanced**.
2. To display the list of sources, double-click **Sources**.
3. Click the source you want.
4. Click the **Labels** tab.
5. Double-click the **Roll-over Text** field of the Source Command you want to rename.
6. Enter the new text.
7. Press the **Enter** key.
8. Click **OK**.



The On-board Tuner and On-board Sirius source type controls cannot be customized. Source Commands which can be customized are indicated by the icon .

Source Controls

You can select a specific radio station, satellite channel, CD or DVD track using the Audio Source Controls area of the Main window. The Audio Source bar displays a labelled tab for all audio sources connected to the Mi-Series controller. If a source is not defined at the Controller, the area is left empty.

Using On-Board Tuner Source Controls

The Audio Source Controls enable you to control an internal AM/FM Tuner source to select a specific radio station. After selecting a radio station, the audio plays in the selected room.



FIG. 6 On-Board Tuner Source Control

1. Click the room.
2. Click the **Tuner** source tab.
3. Click the **AM FM** button to toggle between AM and FM stations.
4. Click the **Stereo Mono** button to toggle between stereo and mono mode.
5. Click the **UP/DOWN** button to SEEK UP/DOWN.
6. To advance through the System presets, click the **RIGHT / LEFT** button.

Setting Direct Access to a Specific station

To select a specific station, click the station's frequency number buttons (including the decimal place for FM stations), and click **Enter**.

Using On-Board Sirius Satellite Source Controls

The Audio Source Controls enable you to control an internal Mi-Series Sirius source. You can select a specific channel or select a category and then select the channel. After selecting a Sirius channel, the audio plays in the selected room.



FIG. 7 On-Board Sirius Source Control

1. Click the room.
2. Click the **Sirius** source tab.
3. Click the **UP/DOWN** button to access the next/previous Channel.
4. To advance through the System presets, click the **RIGHT / LEFT** button.
5. The **ROUND** button is not used.
6. Click the **Category** buttons to switch between next and previous Category

Setting Direct Access to a Specific Channel or Category

1. To select a specific channel, key in the channel number and click Enter (Ex. 6Enter = Channel 6).
2. To select a specific category, key in the category number, plus dot, plus 0, and click Enter. This will select the category and the first channel within that category. (Ex. 1.0Enter = 1st channel in Category 1).



If you select a channel or category number but do not click the Enter button, the Sirius source will remain on the current channel.

Using External Tuner Source Controls

The Audio Source Controls enable you to control an external AM/FM Tuner source to select a specific radio station. After selecting a radio station, the audio plays in the selected room.



FIG. 8 External Tuner Source Control

1. Click the room.
2. Click the **Tuner** source tab.
3. Click the **UP / DOWN** button to SEEK UP/DOWN
4. The **LEFT / RIGHT** buttons are not used by an external Tuner source
5. Click the **ROUND** button to toggle between AM and FM
6. Click the **SQUARE** button to toggle between MONO and STEREO mode

Setting Direct Access to a Specific Station

1. To select a specific station, click the station's frequency number buttons (including the decimal place for FM stations), and then click **Enter**.



If you select a frequency number but do not click the Enter button, the tuner will remain on the current station.



All source control buttons are defined at the Mi-Series Controller at the time of installation and may perform differently than described below. Please verify the functionality of the source control buttons with your Installer.



*The **ROUND** and **SQUARE** source control buttons may or may not be defined. Please check with your installer.*

Using CD Source Controls

The Audio Source Controls enable you to control a CD Player source to select a specific CD and track. After selecting a CD and track, the audio plays in the selected room.



FIG. 9 CD Source Control

1. Click the room.
2. Click the **CD Player** source tab.
3. Click the **UP / DOWN** button to access the next/previous Track.
4. Click the **LEFT / RIGHT** button to access the next/previous CD.
5. The **ROUND** button may/may not be defined, check with your installer.
6. The **SQUARE** button may/may not be defined, check with your installer.

Setting Direct Access to a Specific DISC or TRACK

1. To select a specific CD and track, using the number buttons, key in the CD #, press the DOT button, key in the track # and press ENTER (Ex. 25.4Enter = CD 25, Track 4).
2. To select a specific Track on the current CD, key in the Track # and press ENTER (Ex.4Enter = Current CD, Track 4)



If a CD and track number are selected and the Enter button is not clicked, the CD player will remain on the current CD and track.



All source control buttons are defined at the Mi-Series Controller at the time of installation and may perform differently than described below. Please verify the functionality of the source control buttons with your Installer.



*The **ROUND** and **SQUARE** source control buttons may or may not be defined. Please check with your installer.*

Using DVD Source Controls

The Audio Source Controls enable you to control a DVD Player source to select a specific DVD and track. After selecting a DVD and track, the audio plays in the selected room.



FIG. 10 DVD Source Control

1. Click the room.
2. Click the **DVD Player** source tab.
3. Click the **UP / DOWN** button to navigate selections while in the DVD Menu.
4. Click the **LEFT / RIGHT** button to navigate selections while in the DVD Menu or to select next scene/track, etc.
5. Click the **ROUND** button to make a selection.
6. Click the **SQUARE** button to access the MENU.

Setting Direct Access on a DVD

1. To select a specific Track on a DVD, key in the Track # and press **ENTER** (Ex.4Enter = Track 4)



If you select a DVD and track number but do not click the Enter button, the DVD player will remain on the current DVD and track.



All source control buttons are defined at the Mi-Series Controller at the time of installation and may perform differently than described below. Please verify the functionality of the source control buttons with your Installer.



*The **ROUND** and **SQUARE** source control buttons may or may not be defined. Please check with your installer.*

Using External Satellite Source Controls

The Audio Source Controls enable you to control a Satellite source to select a specific satellite channel or category. After selecting a channel, the audio plays in the selected room.



FIG. 11 External Satellite Source Control

1. Click the room.
2. Click the **Satellite** source tab.
3. Click the **UP / DOWN** button to access the next/previous Channel
4. Click the **LEFT / RIGHT** button to move up/down within the Guide.
5. Click the **ROUND** button to make a selection
6. Click the **SQUARE** button to access the MENU.

Setting Direct Access to a Specific Channel

1. To select a specific channel, key in the channel number and click **Enter** (Ex. 6Enter = Channel 6).



All source control buttons are defined at the Mi-Series Controller at the time of installation and may perform differently than described below. Please verify the functionality of the source control buttons with your Installer.



*The **ROUND** and **SQUARE** source control buttons may or may not be defined. Please check with your installer.*

Using Audio Server Source Controls

The Audio Source Controls enable you to control an Audio Server source to select a specific audio server track. After selecting the track, the audio plays in the selected room.



FIG. 12 Audio Server Source Control

1. Click the room.
2. Click the **Audio Server** source tab.
3. Click the **UP / DOWN** button to access the next/previous Channel
4. Click the **LEFT / RIGHT** button to move up/down within the Guide.
5. Click the **ROUND** button to make a selection
6. The **SQUARE** button may or may not be defined. Check with your installer.



All source control buttons are defined at the Mi-Series Controller at the time of installation and may perform differently than described below. Please verify the functionality of the source control buttons with your Installer.



*The **ROUND** and **SQUARE** source control buttons may or may not be defined. Please check with your installer.*

Using OTHER Source Controls

The "Other" source type is used by installers to configure miscellaneous sources other than those previously mentioned (Tuner, Sirius, CD, DVD, Satellite, and Audio Server). It can be used, for example, for MP3 players, etc. The Source Controls are defined by the Installer and customized for every source defined as "Other".



FIG. 13 Other Source Control

1. Click the room.
2. Click the **OTHER** source tab.
3. The **UP / DOWN / LEFT / RIGHT / ROUND / SQUARE** buttons are defined at the Mi-Series Controller at the time of installation and may or may not be defined. Please verify the functionality of the source control buttons with your Installer.

Using External XM Source Controls

The XM Source Type is used specifically for XM Satellite units that use RC5-X format IR codes. The XM Source Controls enable you to control a XM Satellite source to select a specific satellite channel or category. After selecting a channel, the audio plays in the selected room.



FIG. 14 External XM Source Control

1. Click the room.
2. Click the **XM Satellite** source tab.
3. Click the **UP / DOWN** button to access the next/previous Channel

4. Click the **LEFT / RIGHT** button to move up/down within the Guide.
5. Click the **ROUND** button to make a selection
6. The **SQUARE** button may or may not be defined. Check with your installer.



All source control buttons are defined at the Mi-Series Controller at the time of installation and may perform differently than described below. Please verify the functionality of the source control buttons with your Installer.



*The **ROUND** and **SQUARE** source control buttons may or may not be defined. Please check with your installer.*

Summary of Direct Access for Audio Sources

The table below recaps how to directly access a station, channel, disc & track, etc.

Direct Access for Audio Sources		
Audio Source	Value Description	Example
Tuner	Type the Station radio frequency number • "For an FM station, include the decimal • "For an AM station, type the numbers only	107.5 + Enter = 107.5 FM 1310 + Enter = 1310 AM
CD Player	Type the CD and track numbers as follows: <i>CD # + dot + Track# + Enter</i>	3.13Enter = CD 3; track 13
	For a specific track on the current CD, type: <i>Track # + Enter</i>	14Enter = Track 14
DVD Player	Type the DVD and track numbers as follows: <i>DVD # + dot + Track # + Enter</i>	3.13Enter = DVD 3; track 13
	For a specific Track on the current DVD, type: <i>Track # + Enter</i>	14Enter = track 14
Satellite	Type the channel number as follows: <i>Channel # + Enter</i>	510Enter = Channel 510
Sirius	Type the channel number as follows: <i>Channel # + Enter</i> Or type the category number and 1 to select the first channel of the category: <i>Category # + dot + 1 + Enter</i>	130Enter = Channel 130 6.1Enter = 1st channel of Category 6
Audio Server	Not applicable	Not applicable

Turning off an Audio Source

1. To turn off an individual room, click the room in the Rooms Bar.
2. On the Audio Source bar, click **Off**.

Turning off all Audio Sources

Click **All Off** to turn off all audio sources in all rooms and groupings.

Working with Presets

Presets are saved radio stations, satellite channels, and CD and DVDs tracks that are programmed into Mi-Control and can be recalled easily. They are saved in the same format described in the *Summary of Direct Access for Audio Sources* section on page 19.

Each audio source has two types of presets:

System Presets

There is a maximum of ten (10) system presets per source. These presets are saved at the Mi-Series Controller and are available for all users of the Mi-Series Audio System. This includes access from any tactile keypad, LCD Keypad, every instance of Mi-Control, as well as by external Control Systems that are integrated with the Mi-Series Controller.

Custom Presets

The number of custom presets and custom preset lists are unlimited. These presets are stored with every instance of Mi-Control and are not shared by any other user.

Playing a Preset

1. On the Rooms bar, click the room.
2. On the Audio Source bar, click the audio source tab.
3. In the Presets area, click a preset list.
4. Click the preset. The audio source plays the preset.

System Presets

Adding a System Preset

The number of System presets is fixed at 10. Additional System presets cannot be added.

Editing a System Preset

1. To display the Audio Source bar, click any room.
2. On the Audio Source bar, click the appropriate audio source tab.
3. In the Presets area, click **System**.
4. Next to the preset to be edited, click **Edit**.
5. In the Edit Preset window, in the Name box, type a name to identify the preset.
6. In the Value box, type the value for the preset.



For information on what to type in the Edit Preset window, see the Summary of Direct Access for Audio Sources section on page 19.

7. Click **OK**.

Removing a System Preset

System presets cannot be deleted from the system via Mi-Control as these presets are shared by all users of the Mi-Series Audio System.

Custom Presets

Adding a Custom Preset List

An unlimited number of custom preset lists can be added for each audio source.

1. To display the Audio Source bar, click any room.
2. On the Audio Source bar, click the appropriate audio source tab.
3. In the Presets area, click **Create List**.
4. In the Preset List Name box, type a name to identify the preset list.
5. Click **OK**.

Removing a Custom Preset List

Removing a custom preset list will delete the list and all of its custom presets.

1. To permanently remove a custom preset list, on the Main window, click **Advanced**.
2. In the Mi-Control Configuration window, double-click **Sources**.
3. Click the source that has the preset list you want to remove.
4. Click the **Presets** tab.
5. In Preset Lists, click the custom list to select it.
6. Click **Remove**.
7. Click **OK**.

Adding Presets to a Custom Preset List

1. To display the Audio Source bar, click any room.
2. On the Audio Source bar, click the appropriate audio source tab.
3. In the Presets area, click the appropriate list.
4. Click **Create Preset**.
5. In the Name box on the Create Preset for <List Name> window, type a name to identify the preset.
6. In the Value box, type the value for the preset.



For information on what to type in the Edit Preset window, see Summary of Direct Access for Audio Sources section on page 19.

7. Click **OK**.

Editing Presets in a Custom Preset List

1. To display the Audio Source bar, click any room.
2. On the Audio Source bar, click the appropriate audio source tab.
3. In the Presets area, click the preset list you want to change.
4. Next to the preset to be edited, click **Edit**.
5. In the Name box on the Edit Preset window, type a name to identify the preset.
6. In the Value box, type the value for the preset.



For information on what to type in the Edit Preset window, see Summary of Direct Access for Audio Sources section on page 19.

7. Click **OK**.

Removing a Preset in a Custom Preset List

1. To remove a preset from a custom preset list, in the Main window, click **Advanced**.
2. In the Mi-Control Configuration window, double-click **Sources**.
3. Click the source with the custom preset you want to remove.
4. Click the **Presets** tab.
5. Under Preset Lists, click the appropriate custom list to select it.
6. Click the preset you want to remove.
7. Click **Remove**.
8. Click **OK**.

Working with Room Settings

The Room Settings screen in the Configuration window allows you to customize a number of room options, including configuring a Favorite Source, configuring an Alarm, and setting the Room Favorites.

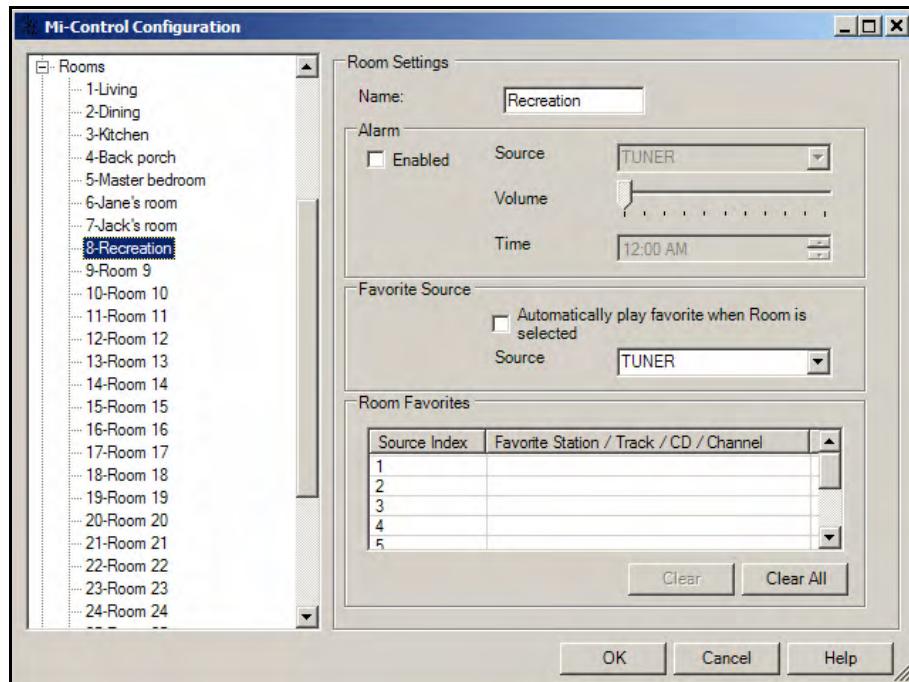


FIG. 15 Room Settings

To get to the Room Settings screen:

1. In the Mi-Control Main window, click the **Advanced** button.
2. In the Mi-Control Configuration window, double-click **Rooms**.
3. Click the room to configure.

Or:

1. In the Mi-Control Main window, click the **Room** button on the Room tabs.
2. In the Advanced area, click the **Configure Room** button.

Favorite Source

You can set a Favorite Source for a room which plays automatically when the Room is selected in the Rooms bar. By default, the favorite source is disabled for a room.

Setting a Favorite Source

1. In the Favorite Source area on the Room Settings window, select the Source to play automatically from the Source drop down selection.
2. Ensure the **Automatically play favorite when Room is selected** check box is selected.
3. Click **OK**.

Clearing a Favorite Source

1. In the Favorite Source area on the Room Settings window, deselect the **Automatically play favorite when Room is selected** check box.
2. Click **OK**.

Room Favorites

Room Favorites are favorite stations, channels, CDs, etc. that can be set for each source, per room. When that source is turned on for that room (and there is a favorite set), the favorite begins playing in that zone automatically.



NOTE

The favorite only takes effect if the source was not already playing, and the source has been powered OFF.

Example: If you like to listen to the Radio set to 104.5 FM while you're getting ready in the morning, you could set 104.5 FM as the favorite for your bedroom. In the morning, if you're the first person to turn on the radio from your bedroom, it will begin playing 104.5 FM.

Setting a Room Favorite

1. In the Room Favorites area on the Room Settings window, double-click an entry in the Favorite Station / Track / CD /Channel column.
2. Enter the room favorite for that source. See the *Summary of Direct Access for Audio Sources* section on page 19 for the format to which the favorite should conform.
3. Press the **Enter** key.
4. Click **OK**.

Clearing a Room Favorite

1. In the Room Favorites area on the Room Settings window, double-click an entry in the Favorite Station / Track / CD /Channel column.
2. Press the **Delete** key to delete the contents of the favorite.
3. Press the **Enter** key.
4. Click **OK**.

Room Alarm

A separate alarm can be set for each room. If enabled, the alarm occurs every day at the specified time and turns on the selected source. The volume increases slowly to the set volume. The alarm configuration is saved on the Mi-Series controller itself, so it is not necessary for Mi-Control to be running for the alarm to operate.

Setting a Room Alarm

1. In the Room Alarm area on the Room Settings window, select the **Enabled** check box.
2. Select the source to play from the Source drop down list.
3. Select the volume to play by moving the Volume slider.
4. Enter the time to sound the alarm in the Time box.
5. Click **OK**.

Clearing a Room Alarm

1. In the Room Alarm area on the Room Settings window, deselect the **Enabled** check box.
2. Click **OK**.



The alarm information will still be available if you decide to enable the alarm in the future.

NOTE

Working with Room Controls

Mi-Control lets you control each room individually to account for the differences in each room's speaker and sound configuration, and personal preferences. For example, in each room you can set different volume levels and alarms, and you can even lock a room to prevent others from changing the settings.

Room Volume

Each room has individual volume settings. The volume settings will be retained until they are changed in Mi-Control or from a keypad in the room.



Setting the Volume for a Room

1. On the Rooms bar, click the room where you want to change the volume.
2. To change the volume and sound in the room, in the Room Controls area do one or more of the following:
 - To increase or decrease the volume, move the **Volume** slider.
 - To balance the sound coming from the left and right speakers, move the **Balance** slider.
 - To increase or decrease the bass, move the **Bass** slider.
 - To increase or decrease the treble, move the **Treble** slider.

Muting a Room

1. On the Rooms bar, click the room you want to mute.
2. In the Room Controls area, click **Mute**.

SRS Controls

SRS/WOW technology provides audio processing that enhances the audio output from the source being played. The Mi-Series Controller provides the following four SRS modes available in every room:

BASS BOOST

A signal processing technology that enhances bass perception.

SRS 3D

Retrieves and restores the spatial information that is lost during ordinary audio compression of any stereo recording and restores the original three-dimensional sound field. The reproduced sound is much closer to what the artist originally intended, including accurate positioning of instruments and vocals.

FOCUS

Repositions the audio image to a more desirable position for the listener. It creates a "sweet spot", for a more optimal audio presentation.

WOW

Provides a panoramic three-dimensional audio image that extends the sound field in both the horizontal and vertical planes, and lowers the perceived bass response.



NOTE

Only one of the above modes can be set per room at a given time.

Turning On an SRS Option

1. On the Rooms bar, click the room to control.
2. In the Room Controls area, click one of the SRS buttons.

Turning Off SRS Controls

1. On the Rooms bar, click the room to control.
2. To turn the SRS controls off, click **Off**.

Room Locks

To prevent someone from changing a room's current setup, you can lock the room. When a room is locked, the room setup including audio source, volume, and the alarm cannot be changed from Mi-Control or from the keypad in the room.

Locking a Room

1. In the Rooms bar, click that room you want to lock.
2. In the Room Controls, Lock/unlock this room area, click the **Lock** button.

Unlocking a Room

1. In the Rooms bar, click the room you want to unlock.
2. Click the **Unlock** button.

Refreshing Mi-Control

Since changes to the Mi-Series Controller can be made not only from within the Mi-Control application, but also from the room keypads, you may wish to refresh Mi-Control from time-to-time to ensure you have the most up to date information.

Refreshing All Rooms and All Sources

1. From the Main window, click the **Refresh All** button.



Refreshing all states from the Mi-Series controller can take a few seconds depending on network speed and quality. For example, refreshing over a wireless network will take more time than over a wired network connection. During this time, commands you issue from Mi-Control may take longer than normal to process. Please be patient.

Refreshing a Particular Room and Source

1. In the Rooms bar, click the room you want to refresh.
2. In the Room Controls, Advanced area, click the **Refresh** button.



This command refreshes the information for the room, as well as the source that is currently playing in that room (if any). This command is much quicker than Refreshing all rooms and all sources, and is recommended when you only want to update one room.

Working with Groupings

A grouping is a collection of more than one room that, when grouped, behaves as a single zone. The grouping can be set to play the audio source at the same volume in all rooms, or at a different level in each room. With Mi-Control, you can add an unlimited number of groupings.

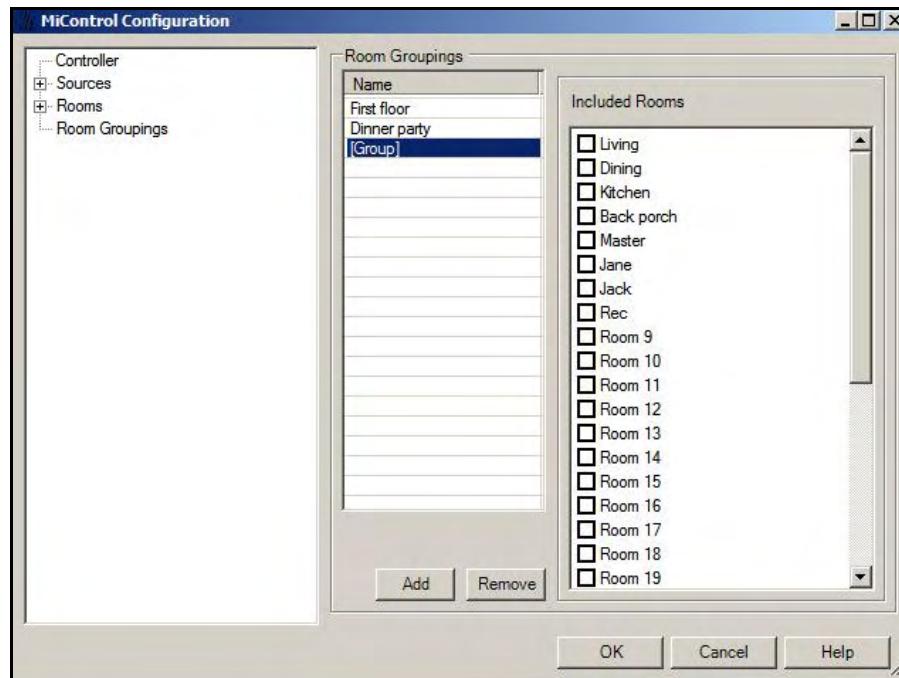


FIG. 16 Room Groupings Configuration Window

Adding a Grouping

1. From the Main window, click **Advanced**.
2. In the Mi-Control Configuration window, click **Room Groupings**.
3. In the Room Grouping list, click **Add**.
4. A new Room Grouping will be added, and the Name should automatically be highlighted for editing. If it is not, then double-click the new group name.
5. Type a name for the group.
6. In the Included Rooms list, select the check box for each room you want to include in the grouping.
7. Click **OK**. The Groupings bar is updated with the new group.

Removing a Grouping

Removing a grouping removes the connection between the rooms only and does not affect the settings of the individual rooms. Before removing a grouping, the group must be turned off. For information on turning off a room or group see the *Turning OFF a Grouping* section on page 34.

1. From the Main window, click **Advanced**.
2. In the Mi-Control Configuration window, click **Room Groupings**.
3. In the Room Grouping list, click the group you want to remove.
4. Click **Remove**.

5. Click **OK**.



FIG. 17 Group Controls

Turning ON a Grouping

1. In the Groupings bar, select the group you want to turn on.
2. From the Sources bar, select the audio source to play. This will create the grouping on the controller and start playing the selected source.
3. In the Group Control area, adjust the absolute volume.

Turning OFF a Grouping

1. In the Groupings bar, select the group you want to turn off.
2. From the Sources bar, select the **OFF** button.

Setting the Volume of a Grouping

There are three methods to control the volume of a group: absolute volume, relative volume, and individual room volume. When a group is selected, the audio plays at the absolute volume level as displayed on the Grouping screen.

Setting the Absolute Volume

The absolute volume control sets all rooms to the same volume.

1. To adjust the absolute volume, in the Groupings bar, click the group you want to change.
2. Move the Absolute volume slider to increase or decrease the volume.

Setting the Relative Volume

The relative volume control increases or decreases the volume of each room relative to its current volume.

1. To adjust the relative volume, in the Groupings bar, click the group you want to change.
2. In the Relative area, click the increase or decrease button.

Setting the Volume of a Room within a Group

Adjusting the volume of a room individually is the same as when a source is simply playing in a room. See the *Room Volume* section on page 29 to individually adjust a room's volume.

Changing a Grouping

You can easily change any grouping setting in the Grouping Controls area.

1. In the Groupings bar, click the grouping you want to change. The table below describes how to change the grouping.

Changing a grouping	
To...	Do this...
Remove a room from the grouping	In the Included Rooms list, select the check box of the room you want to remove.
Add a room to a grouping	In the Included Rooms list, select the check box of the room you want to add.
Change the relative volume of all rooms in the group	Click the Relative increase or decrease button.
Change the absolute volume of all rooms in the group	Move the Absolute volume slide to increase or decrease the volume.
To mute the volume of all rooms in a group	Click Mute .



The Mute button toggles between mute and volume on.

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