HAI Music Gateway Operation Manual
Trademarks

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Regulatory Compliance Statements

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, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experience radio/TV technician for help.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

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Safety Precautions

Users are strongly advised to adhere to the directions and recommendations offered in this manual. Failure to do so may result in problems during operation.

Use the following safety guidelines to help protect yourself and the

- Do not attempt to service the Music Gateway yourself.
- Always follow installation instructions closely.
- Make sure the correct voltage is being supplied before turning the power on.
- Use only the AC adapter and power cord that are approved for use with this unit. Use of another type of AC adapter may cause risk of fire or explosion.
- If you use an extension cable with the AC adapter, ensure that the total ampere rating of the products plugged in to the extension cable does not exceed the ampere rating of the extension cable.
- Do not install with the power turned on. Doing so may cause an electric shock.
- Do not install in a very humid environment. Doing so may cause an electric shock.
- Do not install in an area exposed to sunlight or heat. Doing so may cause deformation or damage.
- When you move the Music Gateway between environments with very different temperature and/or humidity ranges, condensation may form on or within the Music Gateway. To avoid damaging the Music Gateway, allow sufficient time for the moisture to evaporate before using the Music Gateway.
- When you disconnect a cable, pull on its connector or on its strain relief loop, not on the cable itself. As you pull out the connector, keep it evenly aligned to avoid bending any connector pins. Also, before you connect a cable make sure both connectors are correctly oriented and aligned.
- Do not remove the product cover. Doing so may expose you to a hazard like electric shock.
- Do not use in areas containing flammable materials like propane gas and gasoline or in areas that generate dust. Doing so may cause an explosion or fire.
- Do not dismantle, repair, or modify the product. Doing so may cause damage or an electric shock. Refer all servicing to qualified personnel.
- Do not use water, thinner, or organic solvent for cleaning the product exterior. Doing so may cause damage or an electric shock. Use a dry cloth instead and turn off the power before cleaning.

Disclaimer

- While every effort has been made to ensure that the information contained in this guide is accurate and complete, no liability can be accepted for any errors or omissions.
- HAI reserves the right to change the specifications of the hardware and software described herein at any time without prior notice.
- No part of this guide may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without prior written permission of HAI.
- HAI makes no warranties for damages resulting from corrupted or lost data due to mistaken operation or malfunction of the Music Gateway, the software, personal computers, peripheral devices, or unapproved/unsupported devices.
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Chapter 1

Introducing the HAI Music Gateway

Thank you for purchasing the HAI Music Gateway. The HAI Music Gateway is a music server/renderer with three independent stereo channels which can stream music throughout your entire home when connected to an HAI Hi-Fi or other audio distribution system.

Using an HAI OmniTouch 5.7e, 10p, or 10pe Touchscreen, you can browse and make music selections by album, artist, track, genre, or playlist. Album art and other music metadata are displayed with each selection.

The HAI Music Gateway also features WL3, HAI’s home control and IP camera integration software. WL3 allows you to control your entire home automation system from any PC with a web browser or using mobile devices such as an iPhone™, BlackBerry™, Windows® Phone, or Android phone.

WL3 lets you record and play videos from IP cameras based on system events including motion, alarm, door openings, and much more. The Music Gateway is the perfect access point for all your needs.

Entertainment is just as convenient. Easily set up and load music to the Music Gateway from a computer. Store thousands of song titles on the internal hard drive. Album cover art is automatically loaded. Control song selection using the IP-based OmniTouch 5.7e, 10p, or 10pe Touchscreens.
Package Contents

After opening the box, ensure the following items are present:

- HAI Music Gateway
- AC Power Adapter
- Power Cord
- HAI Music Gateway Console Installation CD
- Operation Manual

HAI Music Gateway Overview

This section describes the main components of the HAI Music Gateway.

Front View

Rear View
## Front View Description

<table>
<thead>
<tr>
<th>Number</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power LED</td>
<td>The Power LED is illuminated blue when the Music Gateway is powered up and running</td>
</tr>
</tbody>
</table>

## Rear View Description

<table>
<thead>
<tr>
<th>Number</th>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power Input Jack (DC)</td>
<td>Connect the supplied AC adapter to this jack to provide power to the Music Gateway</td>
</tr>
<tr>
<td>2</td>
<td>Power Button</td>
<td>Press this button to start (if currently off) or shutdown (if currently on) the Music Gateway</td>
</tr>
<tr>
<td>3</td>
<td>Keyboard Port</td>
<td>If necessary, connect a PS/2 keyboard to this port</td>
</tr>
<tr>
<td>4</td>
<td>Mouse Port</td>
<td>If necessary, connect a PS/2 mouse to this port</td>
</tr>
<tr>
<td>5</td>
<td>RS-232 Serial Port</td>
<td>Used to connect to a remote RS-232 serial port for external control (e.g. HAI controller, PC, etc.)</td>
</tr>
<tr>
<td>6</td>
<td>VGA Port</td>
<td>If necessary, connect a VGA external monitor to this VGA port</td>
</tr>
<tr>
<td>7</td>
<td>USB Ports (4)</td>
<td>If necessary, connect USB Type A peripheral devices, such as a USB keyboard and mouse, to the USB ports</td>
</tr>
<tr>
<td>8</td>
<td>Ethernet Port</td>
<td>Connect a standard network cable to the Ethernet Port and a port on the local network</td>
</tr>
<tr>
<td>9</td>
<td>Stereo Output Jacks</td>
<td>Connect a 3.5mm male stereo patch cable between each stereo output on the Music Gateway and an audio input on Hi-Fi or other audio distribution system</td>
</tr>
</tbody>
</table>

- Channel 1
- Channel 2
- Channel 3
Connections to the Music Gateway

To operate the HAI Music Gateway, the following must be connected: Power, Audio Outputs, and a connection to the local network (LAN).

Connecting the Power

1. Plug the AC adapter cable into the Power Jack on the HAI Music Gateway.
2. Plug the power cable connector into the AC adapter.
3. Plug the AC adapter into an electrical outlet.

Connecting the Audio Outputs

Connect each output on the Music Gateway to an audio input (source input) on a Hi-Fi or other audio distribution system using a 3.5mm male stereo patch cable.

For example:

Connecting the Network

Connect a standard network patch cable between the Ethernet Port on the Music Gateway and a port (i.e. network switch, router, etc.) on your local network.
Chapter 2

Getting Started

The HAI Music Gateway is configured and managed using the HAI Music Gateway (HMG) Console software which is installed and runs on a PC on the same local network as the HAI Music Gateway. The HMG Console allows you to manage music playlists and music folders, update the HAI Music Gateway, configure the settings of WL3, manage recorded videos, configure the network settings of the HAI Music Gateway, and to shutdown or reboot the HAI Music Gateway.

Turning On the HAI Music Gateway

After installing and making all of the necessary connections to the HAI Music Gateway:

1. Turn on the Music Gateway by momentarily pressing the Power Button.
2. The Power LED should illuminate blue.
3. Wait about 1 minute while the Music Gateway boots up before trying to access it.

Installing the HAI Music Gateway Console

Use the HAI Music Gateway Install Disc (HAI Part Number 84A06-1) to install the HMG Console software. To install the HMG Console software:

1. Insert the Console Install Disc into a computer connected to the local network.
2. Run the installation for the HMG Console software.
3. Follow the instructions on the screen.

HMG Console System Requirements:

- Microsoft Windows XP, Vista, or Win7
- .NET Framework 2.0 or higher
- Wired or wireless network adapter
- Internet connection

UPnP must be enabled and operating on the system. For help with UPnP configuration, refer to the following articles:

http://support.microsoft.com/kb/941206
Running the HMG Console

To run the HMG Console, double-click the HMG Console icon on the Windows desktop.

Finding the Music Gateway

When the HMG Console first starts, it searches the network for an installed HAI Music Gateway. If a Music Gateway is discovered, it will be listed in the Discovering Services dialog.

Note: If no Music Gateway is found, check all of the connections to the Music Gateway and make sure it is turned on, and then click the Rescan button.

To connect to the discovered Music Gateway, click the Connect button.
Using the MHG Console

Certain features of the HMG Console are password protected. To access those features, you must enter the password. The default password is: **password**

**Note:** The password can be changed at any time on the **Info & Options** page.

When the HMG Console initially connects to the HAI Music Gateway, click the **Network** tab to configure the network settings on the HAI Music Gateway.

You will be prompted to enter your password.

![Password Prompt](image1)

Enter your password.

![Network Settings](image2)
Configuring the Network Settings

By default, the HAI Music Gateway will **Obtain an IP address automatically**. The DHCP client in the Music Gateway will accept an IP Address and other network parameters from a DHCP server on the network.

If DHCP is disabled on the router and there is no other DHCP server on the network, you can manually assign a static IP address. The IP address of the Music Gateway must be compatible with your existing network.

To manually assign a static IP address to the Music Gateway:

1. Select the **Use the following IP Address** radio button.
2. Enter the desired IP address for the Music Gateway in the **IP Address** edit box.
3. Enter the subnet mask of the network in the **Subnet mask** edit box.
4. Enter the default gateway of the network in the **Default gateway** edit box.
5. Enter the preferred and an alternate DNS server address in the **DNS server** edit box.

After all network parameters have been entered or confirmed, click the **Apply** button.

Next, you should check for updates to the Music Gateway and WL3 software by clicking on the **Info & Options** tab.
Info & Options

The Info & Options page gives you the following information:

- **Music Gateway Server Name:** this is a unique name assigned at the factory
- **Model:** this is the model of server software on the Music Gateway
- **Version:** this is the current software version of the Music Gateway software
- **WL3 Version:** this is the current software version of the WL3 software
- **Channels:** this is the number of independent stereo channels on the Music Gateway
- **TCP Port Number:** this is the port that devices use to connect to the Music Gateway

Password

To change the password:

1. Enter the existing password in the **Old Password** edit box.
2. Enter the new password in the **New Password** edit box.
3. Reenter the new password in the **Confirm New Password** edit box.

HAI recommends that you change the password from the default. Remember your password. You will need the password to assess certain features of the HMG Console.
Check for Music Gateway Updates

To check for updates to the Music Gateway and WL3 software, click the Check for Music Gateway Updates button.

If an update is available, you will see the following dialog:

To download and install the new version, click the Update button.

When the download is complete, you will see the following dialog:

Click the OK button to close the HMG Console. Wait about 3 to 4 minutes and then restart the HMG Console and connect to the Music Gateway.
Check for HMG Console Updates

To check for updates to the HMG Console, click the Help button and select Check for HAI Music Gateway Updates... from the dropdown list.

Next, you are prompted to use the Wizard to check for updates:

Click Next to begin. If an update is found, you will be prompted to download and install:

Click Download and follow the instructions on the screen.
Shutdown the Music Gateway

Should you ever need to shutdown the Music Gateway for any reason, connect to the Music Gateway using the HMG Console and click the **Shutdown** button.

To shutdown the Music Gateway, click the **Yes** button.

Restart the Music Gateway

In the event that the Music Gateway becomes unresponsive, you can force the Music Gateway to reboot by connecting with the HMG Console and clicking the **Restart** button.

To restart the Music Gateway, click the **Yes** button.
Configuring WL3 Settings

WL3 allows you to monitor and control your HAI home control system from any device with a web browser, including the iPhone™, iPod Touch™, BlackBerry™, Smartphone, computer, PDA, etc. This software extends the powerful features of HAI controllers to the Internet by providing a web based interface to your controller, allowing you to view and control devices attached to it.

WL3 also allows you to view IP cameras in your home. Easily select any camera, choose the frame rate and screen size, manually start and stop video recording, take a snapshot of the video image, and play, pause, or stop the video stream. There is even an option to step through each frame of the recorded video.

To configure the WL3 settings, click the **WL3 Settings** tab.

The WL3 settings page displays the following:

- **Model**: when a connection has been established with an HAI controller, the model of the connected controller is displayed.

- **Version**: when a connection has been established with an HAI controller, the version of controller firmware is displayed.

- **Status**: this is the status of the connection with the HAI controller. Below is a summary of the various status messages:
  - **Starting** -- WL3 is establishing communication with the controller
  - **Loading Setup** -- Setup information is being retrieved from the controller
  - **Loading Names** -- Names are being retrieved from the controller
  - **OK - Interactive** -- Server is operational and can be accessed
  - **Stopped** -- The server is currently stopped
  - **Failed** -- The server failed to connect to the HAI controller (check connection settings)
  - **Closing** -- The server is shutting down
The **Communications** section is where the controller’s network settings are entered.

**Network: IP Address, Port, and Encryption Key** -- The WL3 Service needs to know the controller’s local network IP address, the controller’s local network port number, and the controller's 128-bit encryption key (all of this information can be obtained from the controller using the console or PC Access) to establish a serial connection to the controller.

a. Enter the controller’s local network IP address in the **IP Address** edit box.
b. Enter the controller’s local network port number in the **Port** edit box.
c. Specify Part 1 of the **Encryption Key** (this is 8 2-digit values from 0-9 and/or the letters A-F, each separated by a hyphen "-" ) that matches PT 1 (part 1) of the Encryption Key in the controller.
d. Specify Part 2 of the **Encryption Key** (this is 8 2-digit values from 0-9 and/or the letters A-F, each separated by a hyphen "-" ) that matches PT 2 (part 2) of the Encryption Key in the controller.
e. Click **Apply** and a connection should be established with the controller.

The **Data Synchronization** section is used to download controller’s names and setup data.

a. When you first connect the WL3 Service to the HAI controller, WL3 will retrieve all of the controller information. The dialog will display the last time the **Setup** and **Names** information was retrieved from the controller. Retrieving this information can take several seconds/minutes depending on the amount of data to be transferred.

b. Choosing either of the buttons will retrieve the associated information.

**Note:** Whenever a change is made to the configuration of the HAI controller, it will be necessary to download controller’s names and setup data so that WL3 reflects the latest updates.

**Starting and Stopping the WL3 Service and Resetting the Configuration:**

a. To stop the WL3 Service, click the **Stop Service** button. It is necessary to stop the service to reset the WL3 configuration settings.

b. To reset configuration settings (this is only necessary if there is a problem with WL3):
   - Stop the service by clicking the **Stop Service** button
   - Click the **Reset Configuration** button
   - Select the **OK** button at the bottom of the dialog and then close the console

   **Note:** When the console is reopened, the service will be started but all configuration settings, such as connections settings (IP address, port, and encryption key) will be reset to factory default configuration. All information must be reentered.

c. To start the service after it has been stopped, click the **Start Service** button.

d. When complete, click the **OK** button, and then close the MHG Console.
Video Settings

To configure the recorded video settings of the Music Gateway, click the Video Settings tab.

The video library storage location is where your stored videos and snapshots will be stored.

By default, the videos and snapshots are stored on the hard drive on the Music Gateway. However, you can select a device on a network share or an external device connected to the Music Gateway.

The Video library storage location edit box is used to:

a. Enter or browse to the new location for the video library and then click the Set New Location button.

b. To restore the video library to the default location, click the Restore Default Location button.

Maximum Library Size

The Maximum library size edit box is used to set the storage limit for video and snapshot recording. By default, the size of the video library is set to 100000 MB, which represents 20% of the hard drive.

Managing Recorded Videos

The Remove oldest videos when storage limit is reached check box is used to delete the oldest recorded video from the system when the storage limit is reached and a new video is being recorded.

By default, the oldest videos will be deleted when the storage is reached.

Deselect the check box to cause video recording to stop when the storage limit has been reached. In this case, all old videos will be preserved; however no new videos will be recorded.
The HAI Music Gateway can play music from other devices on the network (configured as a network share) with stored music. To play music from another network share, you must configure the folders that the HAI Music Gateway will monitor for the stored music. Click the Music Folders tab.

To add a folder on a network share that the Music Gateway will monitor for stored music, add it to the Monitored Folders list by clicking the Add button.

Select the folder that the Music Gateway will monitor on the network share and then click OK.

To remove a folder from the Monitored Folder list, highlight it, and then click the Remove button.

To refresh the list, click the Refresh button.
Manage Playlists

The Manage Playlists tab is used to manage music playlists that the Music Gateway will play. A playlist consists of one or more songs (tracks) that are organized in such a way that you can listen to your stored music without having to browse through your entire music library.

A playlist can consist of music that is stored on the Music Gateway or in one of the Monitored Folders on a network share.

To create, modify, or delete a playlist, click the Manage Playlists tab.

Add a Playlist

To add or create a new playlist, click the Add button.

Give a name to your playlist, and then click the OK button to open the Playlist Editor.
The Playlist Editor lists all of the songs in the current playlist and gives you a count of the total number of tracks in the playlist.

To add a song to the playlist, open the **Playlist Browser** by clicking the **Add** button.

**Navigating the Playlist Browser**

Use the following controls to navigate the Playlist Browser:

**Selection Button:** Click the **Selection Button** to drill-down to the next menu.

**Back:** Click the **Back** button to return to the previous menu.

**Page Down:** Click the **Page Down** button to display additional items in the list.

**Page Up:** Click the **Page Up** button to display the previous items in the list.
**Add:** Click the **Add** button to add the current selection (artist, album, track, etc.) to the playlist.

**Close:** Click the **Close** button in the upper-right of the window to save and close the playlist.

### Adding Tracks to the Playlist

To browse your music library for music to add to the playlist, click the **Music Library** Selection Button.

A playlist is made up of one or more tracks. You can browse for those tracks in several different ways. For example, if you know that a specific track is in an existing playlist, you can browse by **Playlist** to find and add that track. Likewise, you can search by **Genre**, **Artist**, **Album**, or **Track**.

Conversely, you can add every track in the **Playlist**, in a **Genre**, by an **Artist**, or on an **Album** by clicking the Add button next to the respective item.
Modifying a Playlist

You can modify a playlist by adding songs to the playlist, by deleting songs from the playlist, or by moving songs up or down in the queue of the playlist.

To modify an existing playlist, select the playlist from the on the Manage Playlists page list on the Manage Playlists page, and then click the Modify button.

To add a song to the playlist, click the Add button. The Add button will open the Playlist Browser.

To delete a song from the playlist, select the song in the list and click the Delete button.

To move a song down in the queue, select the song and click Move Down button until it is in the desired location in the playlist.

To move a song up in the queue, select the song and click Move Up button until it is in the desired location in the playlist.

To close the playlist editor, click the Close button.

Deleting a Playlist

You can delete a playlist from the Manage Playlists page by selecting the playlist from the list of Current Playlists, and then clicking the Delete button.

Before a playlist is deleted, you must confirm that you want it deleted. A deleted playlist cannot be undone.
Copying Music to the Music Gateway

The HAI Music Gateway supports the following audio formats: MP3, MP2, MP1, OGG, WAV, AIFF, and WMA. You can copy your music (in a supported audio format) into the Music folder on the HAI Music Gateway that is preconfigured as a network share.

1. Using Windows Explorer, locate the Music Gateway under Network.

   **Note:** The network name for the Music Gateway can be found on the Info & Options page under Music Gateway Server Name.

2. Expand the network name for the HAI Music Gateway to reveal the Music folder network share.

3. Copy the desired music (in a supported audio format) into the Music folder.
Chapter 3

Interfacing with the Music Gateway

A custom touchscreen design must be used to operate the HAI Music Gateway from an OmniTouch 5.7e, 10p, or 10pe Touchscreen. HAI Automation Studio must be used to enable and configure the HAI Music Gateway, assign each of the audio outputs to source inputs on the audio distribution system, and update each of the respective touchscreens with the new design.

Enabling the Music Gateway

Using HAI Automation Studio, you must add an HAI controller, the Music Gateway, and an audio distribution system to your touchscreen design.

1. Start HAI Automation Studio and create a new project.

2. Add a touchscreen design to the project.

Adding an HAI Controller to the Design

When using an HAI Music Gateway, an HAI controller with a configured audio distribution system must be added to the project. To add an HAI controller to the project:

1. In Project Explorer, right-click on Controller and select Add Device from the menu.

2. From the Add Device dialog, select HAI Controller from the Controllers list. Then select the PC Access account file that will be used with the touchscreen.
Adding the Music Gateway to the Design

Add the Music Gateway to the project as follows:

1. In Project Explorer, right-click on Media Devices and select Add Device from the menu.

   ![Project Explorer with Media Devices highlighted and Add Device button visible]

2. From the Add Device dialog, select Music Gateway from the Media Devices list.

   ![Add Device dialog with selected Music Gateway]

Discover the Music Gateway

After the Music Gateway has been added, it must be discovered as follows:

1. In Project Explorer, right-click on Music Gateway and select Add Device from the menu.

   ![Project Explorer with Music Gateway highlighted and Add Device button visible]

2. In the Discover Music Gateways dialog, select the discovered Music Gateway, and then press the Select button to save the network settings with the design.

   ![Discover Music Gateways dialog with selected Music Gateway and Select button highlighted]
Adding an Audio System to the Design

1. In Project Explorer, right-click on **Media Devices** and select **Add Device** from the menu.

   ![Project Explorer with Media Devices and Add Device menu](image1)

2. From the **Add Device** dialog, select **Supported WHA** from the **Media Devices** list.

   ![Add Device dialog selecting Supported WHA](image2)

When a Music Gateway is added to the touchscreen design, two folders are automatically added:

- **Media Sources**: this is the audio outputs on the Music Gateway
- **Media Services**: this is the type of media available to the Music Gateway

![Project Explorer with Music Gateway added](image3)
Assigning Audio Outputs

Each of the Channels (audio outputs) of the Music Gateway must be assigned to source inputs on the audio distribution system, as follows:

1. In Project Explorer, expand the Music Gateway device to display the Media Sources folder.

2. Expand the Media Sources folder to display the available Channels (audio outputs).

3. Right-click on one of the Channels and select Assign Outputs.

4. Right-click on one of the channels and select Assign Outputs to display the Media Matting dialog. Alternatively, you can click the music note icon in the menu bar to display the dialog.

5. From the Media Mapping dialog, select the Media Input (source input on the audio distribution system) where the audio will be routed for each of the Media Source (Channel 1, 2, or 3) outputs on the Music Gateway.

6. When complete, click the OK button.
Assigning a Touchscreen Page for Media

Finally, a page that the touchscreen will jump to when the Media button is pressed must be assigned. A special *Now Playing* page has been created for the Music Gateway. To jump to this page:

1. In Project Explorer, expand the **Music Gateway** device to display the **Media Services** folder.

2. Expand the **Media Services** folder to display the available **Services**.

3. Right-click on **Library** and select **Assign Pages**.

4. Click on the drop-down under **Pages** next to **Music Gateway**.

5. From the **Pages** drop-down, select **Now Playing** from the list of pages.

6. When complete, click the **OK** button.
Accessing Your Music

Using an HAI OmniTouch 5.7e, 10p, or 10pe Touchscreen, you can browse and make music selections by album, artist, track, genre, or playlist.

From the Menu Bar on an OmniTouch 5.7e, 10p, or 10pe Touchscreen, select the Media icon.

When the media button is selected, the Music Gateway media page is displayed:
Browse the Media Library

To play music in your audio zone, select the music from the music library. To browse the Media Library for music:

1. Press the Browse button 📁 to display the available media services:

2. Select the desired media service from the list. Once the media service is selected, you will be able to browse the available media.

3. At any time, you can press the Back button 🔄 to return to the previous menu.

4. If the Media Library is selected, you will be able to browse your media my playlist, genre, artist, album, track, and music in the Now Playing queue.
5. Select the desired method to browse the media. For example, if **Album** was selected, a list of albums will be displayed:

![Image of album list]

6. Select the item in the list to drill-down to the music in the selected category, select the **Play** button to the right of the selected item to immediately play the song and/or entire contents of the selection, or press the **Plus** button to the left of the selected item to add the song and/or entire contents of the selection to the **Now Playing** queue.

**Selecting a new Music Source**

To select a new music source for your audio zone:

1. Press the **Source** button to display the available music sources:
2. Select the audio output (Channel 1, 2, or 3) of the Music Gateway that you want to listen to, or select from one of the other available sources.

3. Press the **Unlock** icon to lock the source so that no one else changes the media for the locked channel while you are listening to your desired music. Remember to unlock the source when your music is over.

   If you see the **Locked** icon next to the source, you should not change the media; someone else has locked it so that they can listen to their desired music. To listen to your desired music, select a different source that is currently unlocked.

4. To unlock a source, simply press the **Locked** icon.

**Selecting a New Audio Zone**

To select a new audio zone to control with the touchscreen:

1. Press the Zone button to display the available music sources:

2. Select the audio zone that you want to control with the touchscreen.
Using HAI WL3

HAI WL3 allows you to monitor and control your HAI home control system from any device with a web browser. The WL3 web server is automatically started when the HAI Music Gateway is turned on.

To access WL3, open a web browser and specify the address of the HAI Music Gateway followed by:

/web-link

Accessing WL3 on the Local Network:

Open a web browser on your device and specify the address of the HAI Music Gateway in the address bar in the following format:

http:// [followed by the network name or IP address of the Music Gateway]/web-link

For example:

http://HAI-HMG-1234/web-link

or

http://192.168.110/web-link

Notes:

The network name for the HAI Music Gateway can be found using the HMG Console on the Info & Options page, under Music Gateway Server Name.

The IP address for the HAI Music Gateway can be found using the HMG Console on the Network Settings page, under IP address.

Accessing WL3 from the Internet:

Open a web browser on your device and specify the address of the HAI Music Gateway in the address bar in the following format:

http:// [followed by your Internet IP address or DDNS hostname]/web-link

For example:

http://204.14.145.134/web-link

or

http://myhouse.dyndns.org/web-link
WL3 Login

To access WL3, you must login using a **Username** and **Password**. The first screen that is displayed contains the Login Dialog box. Complete the following in the Login Dialog:

1. In the Login Dialog box, specify the NAME and the corresponding CODE of a user of the HAI system. The NAME is the name of a Code in the HAI controller. At least one code must be named (i.e. Code 1 "Ken"). The CODE is the code associated with the name (i.e. Ken 1111). If you are unsure of the user name and code, check the controller for the codes that are defined there along with their corresponding name.

2. Next, specify the desired **Start Page** for WL3. The drop-down list allows you to select from the available WL3 web pages. Select the page that is first displayed after logging into WL3.

3. To bypass the login screen from the current computer, click in the **Remember Password** checkbox. When you click this checkbox, the following message is displayed:

   "Warning: Checking this option will store the user name and code in a cookie. Cookies are transmitted in plain text and are not secure. Only check this option if you are connected to a secure web server using SSL or you are located on a secure Intranet. This option can be disabled by choosing Advanced from the Options menu within the main page."

   To require that a computer access WL3 via the login screen on a computer where the login screen has been bypassed, click the **Disable the caching of the user name and code for user** checkbox under **General** on the **Options** page. Then select **Save Changes** to restore the login page from that computer.

4. Click the **Login** button to start WL3.

5. When finished, click the **Logout** button on the top of the page. If you don't "logout" before you close your browser or if you leave WL3 to surf to a different site, you cannot "login" to WL3 using the same user name for at least 3 minutes.

WL3 prohibits the same user from being logged-in more than once at the same time. Any subsequent attempts to login while the same user is already logged-in will result in a login failure message.

**Note:** Three invalid login attempts (using the wrong user name and/or code) will result in a one-hour lockout. All users will be blocked from accessing WL3 for a period of one hour.

For complete operating instructions for WL3, click the **Help** button below the **Logout** icon.