



MADI-8

8-Channel MADI Monitor

User Guide

PIC Software Release: 1.30

FPGA Software Release: 1.10

GUI Software Release: 1.03

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This document is intended to be printed on a duplex printer, such that the copy appears on both sides of each page. This ensures that all new chapters start on a right-facing page.

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CHAPTER 1

Using the MADI-8

Introduction

Overview

This chapter describes how to install, configure, and use the MADI-8 8-channel MADI monitor.

The purpose of the MADI-8 monitor is to allow you to hear any eight channels out of a 56- or 64-channel MADI stream.

Topics

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Safety

Important Safety Instructions

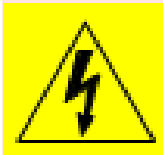
1. Read, keep, and follow all of these instructions; heed all warnings.
2. Do not use this equipment near water, rain or moisture.
3. Use only a dry cloth to clean the equipment.
4. Do not block any ventilation openings. Install only in accordance with the instructions in the section entitled, “[Installation Recommendations](#)” on [page 3](#).
5. Do not install near any heat source such as a radiator, heat register, amplifier, or stove.
6. Do not attempt to plug the unit into a two-blade outlet (with only two prongs of equal width).

IMPORTANT: By design, this monitor will only plug into a three-prong outlet for your safety. If the plug does not fit into your outlet, contact an electrician to replace the obsolete outlet.

7. Protect the power cord from being walked on or pinched, particularly at plug's source on the equipment and at the socket.
8. Use only the attachments/accessories specified by the manufacturer.
9. Unplug the equipment during lightning storms or when unused for long periods of time.
10. Use of a cart is neither recommended nor approved by Wohler.
11. Refer all servicing to qualified service personnel. Servicing will be required under all of the following conditions:
 - The equipment has been damaged in any way, such as when the power-supply cord or plug is damaged.
 - Objects have fallen onto the equipment; or the equipment has been exposed to rain or moisture, or liquid has been spilled onto the equipment.
 - The equipment does not operate normally.
 - The equipment has been dropped.

Safety Symbols

WARNING:



The symbol to the left warns of electric shock hazard inside the unit. Disconnect the power cord before removing access panels when installing upgrades. Only qualified service personnel are to operate the equipment with covers removed, and are to exercise caution to avoid personal injury.

Installation Recommendations

Mounting

The unit is designed to install into a standard 19" rack mounted at ear level for best high frequency response and visual observation of the display screen. Please adhere to the following clearances:

Clearance	Surface
24"	Front
3"	Rear
2"	Sides
1.75"	Top and Bottom (if either radiates heat)
0"	Top and Bottom (if no heat)

Heat Dissipation

The ambient temperature inside the mounting enclosure should not exceed 40° Celsius (104° Fahrenheit). Adjacent devices can be rack mounted (or stacked) in proximity to the unit if this temperature is not exceeded. Otherwise, allow a 1RU (1.75" / 44.45mm) space above and below the unit for air circulation.

Important:

To reduce noise, the monitor does not have any fans. As a result, the heat generated by the class D power amplifiers, power supplies, and other components is vented by slots in the side of the unit. Therefore, as a safety precaution, you must allow proper ventilation on both sides of the unit.

Sympathetic Vibration

Sympathetic vibration from other equipment (cables, etc.) in the rack may be serious enough to interfere with the unit's sound quality. The use of thin card stock and/or felt or foam weather-stripping type materials between adjacent vibrating surfaces, or tying up loose cables, etc., may be required to stop vibrations external to the unit.

Mechanical Bracing

The 1RU chassis is securely attached to the front panel. In addition, the chassis has mounting tabs through which you attach it to the rack rail. This feature will reduce or eliminate rear bracing requirements in many mobile/portable applications. The weight of internal components is distributed fairly evenly around the unit.

Electrical Interference

Be careful to apply proper input termination settings and avoid mismatched cable types and other similar causes of undesired reflections in digital signal systems. If severe enough, such reflections can result in corruption of the digital data stream. As with any audio equipment, maximum immunity from electrical interference requires the use of shielded cable; however, satisfactory results can sometimes be obtained without it. The internal circuitry ground is connected to the chassis.

Power

The unit comes with a standard internal power supply and connects an A/C mains power source (60W, 100 to 240 VAC, $\pm 10\%$, 50/60Hz) through the IEC connector provided on the rear panel of the unit.

When the mains plug or appliance coupler is used as the disconnect device, the disconnect device should remain operable.

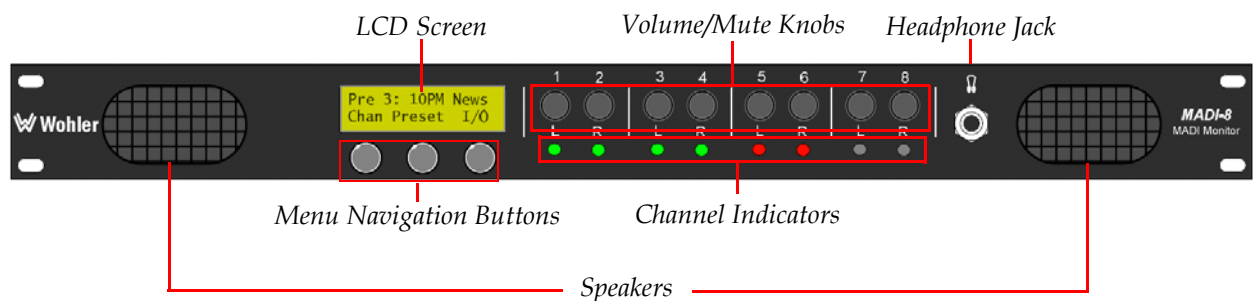
FCC Compliance

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 and used 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.

Front Panel

This section describes the features and controls on the MADI-8 monitor's front panel.

Figure 1–1 MADI-8 Front Panel



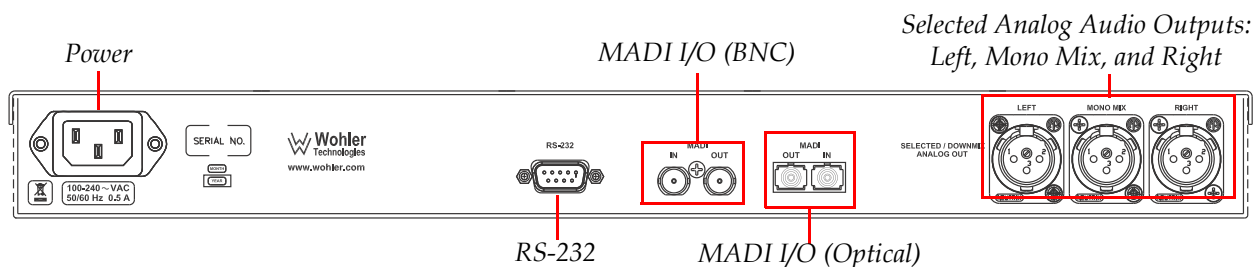
- **LCD Screen:** This screen displays the name of the current preset and provides configuration and preset programming. This screen also visually displays volume increases and decreases (6 dB per character) for the **Volume/Mute** knobs for at least three seconds.
- **Volume/Mute Knobs:** Rotating each volume knob increases and decreases the volume of the selected channel in 1 dB steps. Pressing the knob mutes the channel until you press the knob again and returns to the previous volume. Also the LCD screen shows the channel number and name and indicates that the channel is muted.

- **Menu Navigation Buttons:** The navigation buttons allow you to select the channels you want to hear and create, edit, and recall presets.
- **Channel Indicators:** These LEDs display green when a selected channel is audible in the front panel speakers, red when the channel is muted, and off when no audio signal is present.
- **Speakers:** The internal speaker system is comprised of two full-range speakers (left and right) that reproduce the selected 8 channels.

Rear Panel

This section describes the connectors on the MADI-8 monitor's rear panel.

Figure 1–2 MADI-8 Rear Panel



- **Power:** This connector accepts a standard IEC power cord.
- **RS-232 (DB-9):** This connector is used for software updates for the monitor.
- **MADI I/O (BNC):** These connectors accept a standard MADI digital audio signal. The output is a re-clocked loop-through.
- **MADI I/O (Optical):** These connectors accept a multimode MADI optical signal. The output is a re-clocked loop-through. The connectors are SC-Plugs (IEC 874-19) with a fiber medium of 50/125 μm or μm multi-mode fiber.
- **Selected Analog Audio Outputs (XLR: Left, Mono Mix, and Right):** These connectors output the selected channel outputs in analog format.

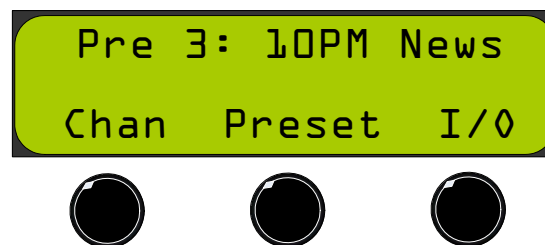
Functionality

Configuring the MADI-8 MADI monitor is quick and simple. Typically you will press one of the three navigation buttons (a.k.a. soft key buttons) to enter a menu, and then use one of the eight **Volume/Mute** knobs (each one corresponding to a monitoring channel) to make further adjustments.

Note: Much of the MADI-8 functionality can be more easily set up using the Graphical User Interface (GUI) running on a PC. The setup is then loaded into the MADI-8 via a serial cable. Refer to [Chapter 2](#) for details.

When the screen is in normal operation, it displays the name and number of the current preset and the soft key labels.

Figure 1–3 Normal Operation

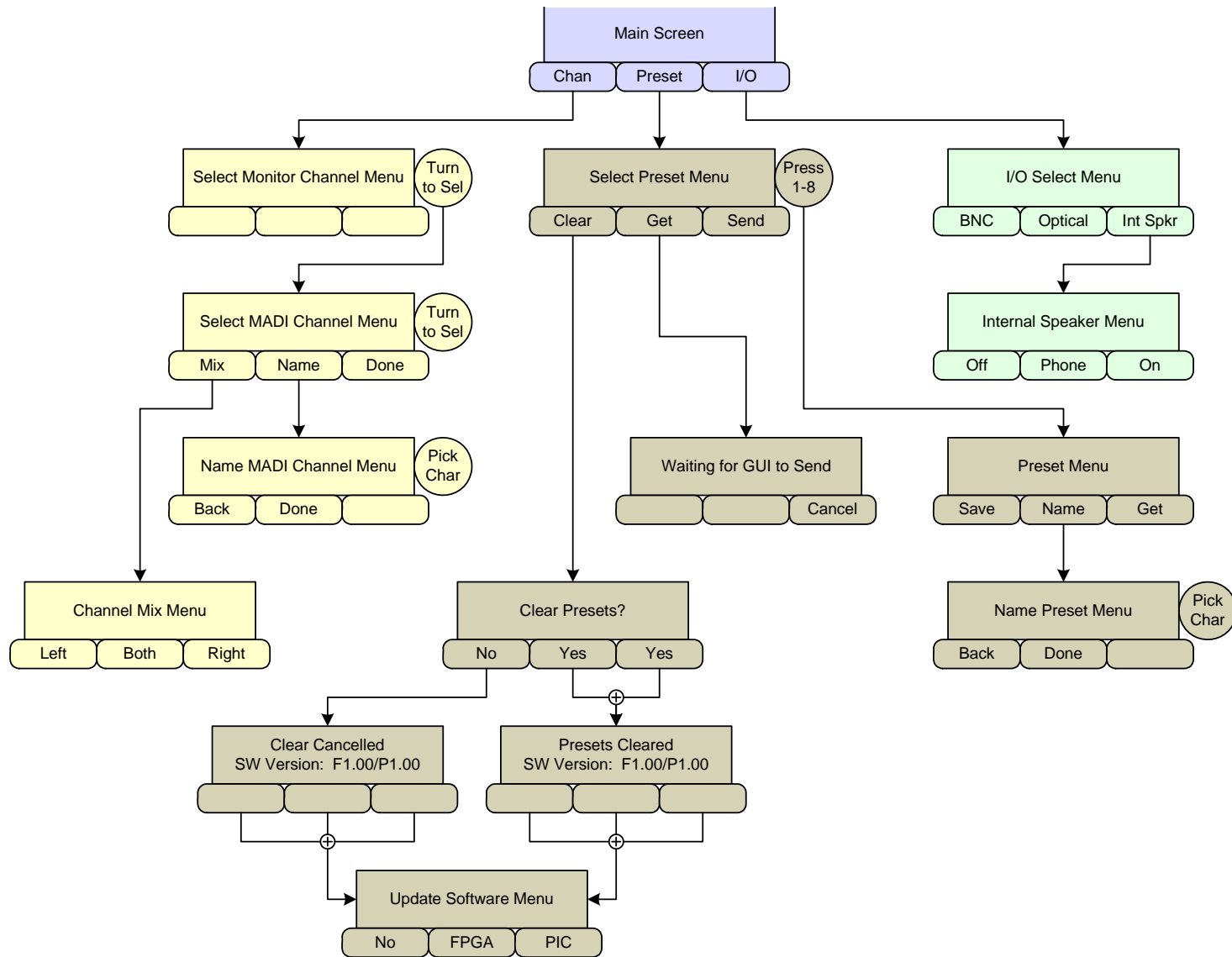


Menu Tree

[Figure 1–4 on page 9](#) illustrates the menu structure of the MADI-8 setup menus. You can use this diagram to make system changes quickly and easily. Generally, the features include:

- Selecting the audio input from the available input connectors and/or the output mode to the XLR connectors (pale green)
- Assigning audio channels to monitoring channels, naming the monitoring channels, and/or selecting the speaker mix (pale yellow)
- Creating, modifying, clearing, and/or recalling presets (beige)

Figure 1–4 MADI-8 Menu Tree



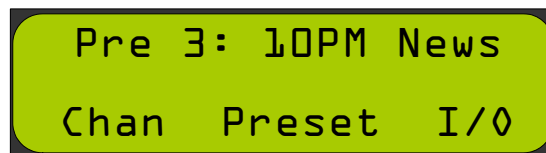
Selecting Audio Inputs and Internal Speaker Mode

This section describes the steps to select either the BNC or optical the inputs, and how to select the operation of the internal speaker.

Selecting the Audio Inputs

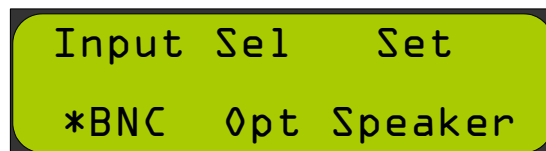
Important: You can select the inputs from either the BNC connectors or from the optical connectors; but you cannot select inputs from both.

Figure 1–5 Normal Operation: LCD Displays Preset Number and Name and Soft Key Button Functions)



1. From the **Main Screen**, press the **I/O** button ([Figure 1–5](#) above) to display the **Input Setting** menu ([Figure 1–6](#) below).

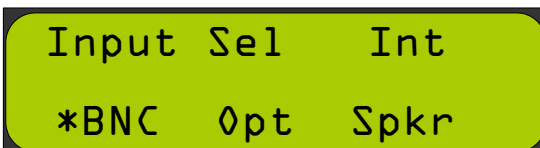
Figure 1–6 Audio Input Selection



2. Press the **BNC** button ([Figure 1–6](#)) to select the audio coming in on the BNC connectors, or press the **Optical** button to select the audio coming in on the optical connectors. Note that as soon as you press one of these buttons, the system will display an asterisk next to it to indicate that this is the selected input.
3. Once you have selected the audio input stream, you can either continue on to [Selecting the Internal Speaker Mode on page 10](#), or to [Assigning Audio Channels to Monitor Channels on page 12](#) to select up to eight channels to output to the speakers.

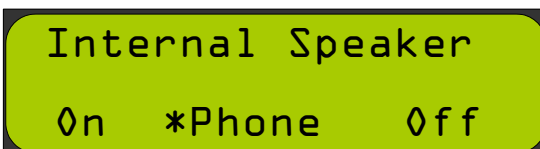
Selecting the Internal Speaker Mode

Figure 1–7 Audio Input Selection



1. Press the **Int Spkr** button (Figure 1–7 above) to display the **Internal Speaker** menu shown in Figure 1–8 below.

Figure 1–8 Selecting the Output Mode Function



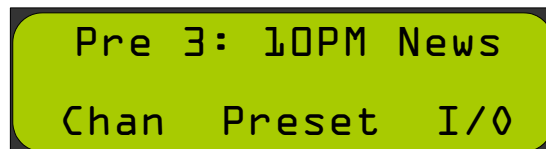
2. Press one of the following buttons:
 - Note:** After making one of the following selections, the system will save your changes and exit the menu.
 - A. **On:** Press the **On** button to keep the internal speakers on all of the time, regardless of whether the headphone is plugged in.
 - B. **Phone:** Press the **Phone** button to keep the internal speakers on only when no headphone is plugged in. This is the default setting.
 - C. **Off:** Press the **Off** button to keep the internal speakers off at all times. This setting is useful if the analog outputs are used to drive an external speaker system.

Assigning Audio Channels to Monitor Channels

This section describes the steps for assigning audio channels to speaker monitoring channels, naming the selected channels, and then mixing them for optimal audio output.

Selecting Channels for Monitoring

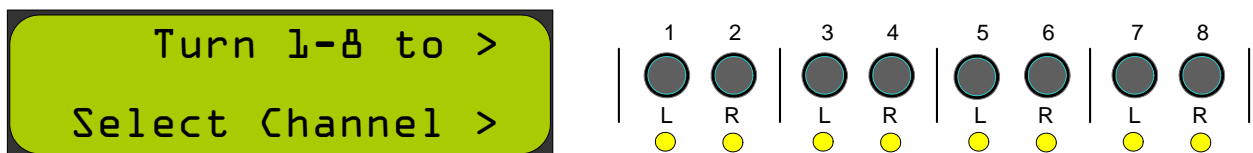
Figure 1–9 Normal Operation: LCD Displays Preset Number and Name and Soft Key Button Functions)



1. While the screen is in normal operation (Figure 1–9 above) press the **Channel** button.

Note: The LEDs will blink yellow indicating that they are now to be used in conjunction with the display menu.

Figure 1–10 Selecting Monitoring Channel



2. After pressing the **Channel** button, rotate the first **Volume/Mute** knob (for Channel 1) until the LCD displays the audio channel number you want to assign to monitoring Channel 1.

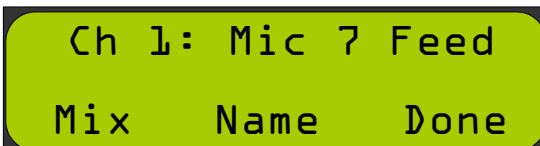
Note: The **LED 1** will turn steady yellow as soon as you rotate the Channel 1 **Volume/Mute** knob. All the other LEDs except **LED 1** will turn red.

In addition, all the other audio channels will be temporarily muted and only the audio from this monitoring channel will be output to both speakers.

3. Once you begin rotating the **Volume/Mute-Channel 1** knob, the display will scroll through the available channels. Available options are **Channels 1** through **64** and **None**.

Note: If you need to adjust the volume of this channel, press the **Volume/Mute** knob and then rotate to adjust the volume.

Figure 1–11 **Selecting Audio Channel**

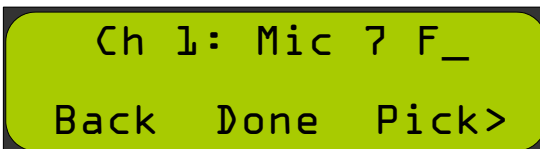


4. Press one of the following buttons:
 - A. **Mix:** Press the **Mix** button to direct the audio output to the left, right, or both speakers. Continue on to [Mixing Channels on page 14](#).
 - B. **Name:** Press the **Name** button to label this channel. Continue on to [Naming Selected Channels](#) immediately below.
 - C. **Done:** Press the **Done** button to save your changes and exit this menu.

Naming Selected Channels

For instructions for naming channels using the MADI-8 GUI, refer to [Modifying the Channel Names on page 26](#).

Figure 1–12 **Naming Channels**

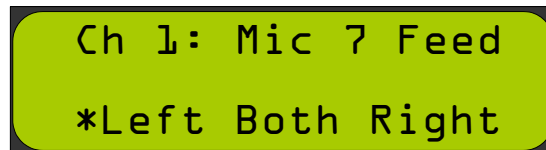


1. Press one of the following buttons:
 - A. **Back:** Press **Back** to backspace the current character.
 - B. **Done:** Press **Done** to save your changes and exit this menu.

- C. **Pick:** Rotate the **Volume 1** knob to the right to begin selecting characters for the channel name (up to 9 characters). The default channel name is blank.
2. Rotate the current **Volume/Mute** knob to scroll through the characters. Press the knob to select the currently displayed character and advance to the next character.
- Note:** The character set includes all upper and lower case letters, numerals, and some symbols.
3. When you have completed the channel name, press the **Done** button to save your changes and exit this menu.

Mixing Channels

Figure 1–13 **Selecting the Speaker Mix**



Note: By default, all odd-numbered channels are directed to the left speaker, and all even-numbered channels are directed to the right speaker.

Press one of the following buttons:

Note: After making one of the selections listed below, the system will save your changes and exit to the **Main Screen**.

- A. **Left:** Press **Left** to send this audio channel to the left speaker.
- B. **Both:** Press **Both** to send this audio channel to both speakers.
- C. **Right:** Press **Right** to send this audio channel to the right speaker.

Presets

Modifying the system's settings allows you to configure the entire MADI-8 monitor to function exactly the way you want it to for your specific application. This complete system configuration is called a *preset*. After saving the preset, you can then quickly recall it by pressing a single knob. Moreover, the MADI-8 monitor has the capacity to hold eight presets; that is, eight complete system configurations. For instructions for setting up or modifying presets, copying presets from one MADI-8 to another, or using the MADI-8 graphic user interface (GUI), refer to [Managing Presets on page 28](#).

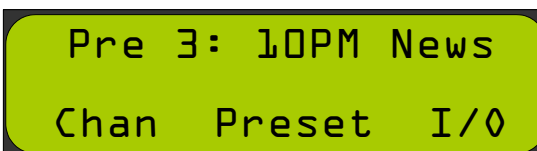
By default, the MADI channels are assigned to the system's monitoring channels in each preset as shown in [Table 1-1](#) below.

Table 1-1 MADI-8 Preset Defaults

Preset Number	MADI Monitoring Position							
	1	2	3	4	5	6	7	8
1	1	2	3	4	5	6	7	8
2	9	10	11	12	13	14	15	16
3	17	18	19	20	21	22	23	24
4	25	26	27	28	29	30	31	32
5	33	34	35	36	37	38	39	40
6	41	42	43	44	45	46	47	48
7	49	50	51	52	53	54	55	56
8	57	58	59	60	61	62	63	64

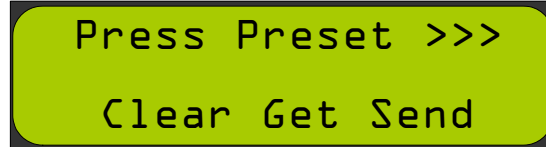
Creating a New Preset

Figure 1-14 Normal Operation



1. To create a new preset, press the **Preset** soft key ([Figure 1-14](#) above). The LEDs will blink yellow to indicate that they now indicate that one of the **Volume/Mute** knobs must be pressed.

Figure 1–15 Preset Function Initialization

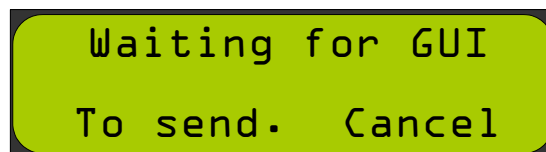


2. Press the **Volume/Mute** knob that corresponds to the preset you want to create. (Each of the eight presets corresponds to each of the eight **Volume/Mute** knobs.) The LED for the selected preset will glow steady yellow and the other LEDs will turn off.

Note: Pressing **Clear** restores all the presets to their factory defaults.

The **Get** and **Send** functions only work when you are using the Pandora GUI. If you are not currently using the GUI and you accidentally press one of these two functions, simply press **Cancel** (Figure 1–17 below) to return to the **Press Preset** menu shown in Figure 1–15 above. For instructions for using the GUI to name a preset, refer to [Managing Presets on page 28](#).

Figure 1–16 Press Cancel to Return to Previous Menu



After pressing the **Cancel** button, the screen will display **Cancelled!** for several seconds (Figure 1–17 below) before returning to the **Press Preset** screen shown in Figure 1–15 above.

Figure 1–17 Press Cancel to Return to Previous Menu

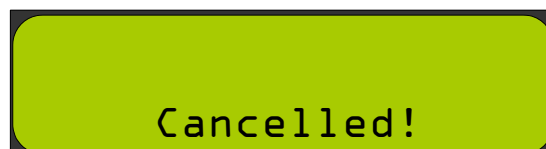
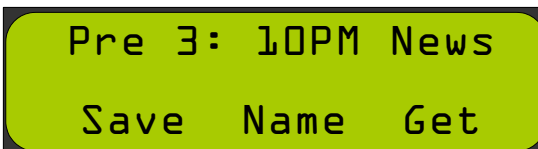


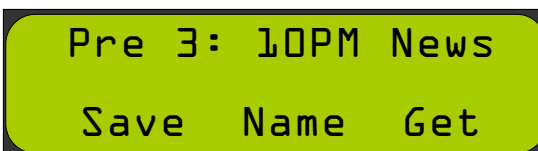
Figure 1–18 Creating a New Preset



3. Press one of the following buttons:
 - **Save:** Press **Save** to save this preset.
 - **Name:** Press **Name** to enter a label for this preset. Continue on to [Naming a Preset](#) immediately below.
 - **Get:** Press **Get** to recall this preset. Continue on to [Recalling a Preset on page 18](#).

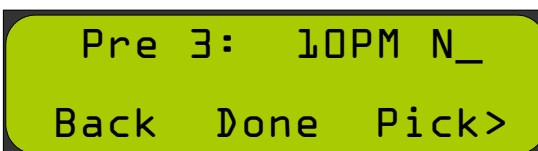
Naming a Preset

Figure 1–19 Creating a New Preset



After pressing the **Name** button, the system displays the text entry menu ([Figure 1–20 on page 17](#)) indicating that **Volume/Mute 1** knob has been temporarily re-purposed to select text. **LED 1** will blink yellow at the same rate as the blinking text cursor on the screen.

Figure 1–20 Creating the Preset Name



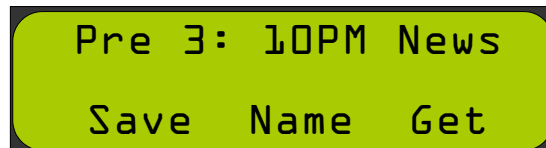
1. Press one of the following buttons:
 - A. **Back:** Press **Back** to backspace the current character.
 - B. **Done:** Press **Done** to save your changes and exit this menu.

- C. **Pick:** Rotate the first **Volume** knob to the right to begin selecting characters for the channel name (up to 9 characters). The default channel name is blank.
2. Rotate the current **Volume/Mute** knob to scroll through the characters. Press the knob to select the currently displayed character and advance to the next character.

Note: The character set includes all upper and lower case letters, numerals, and some symbols.
3. When you have completed the channel name, press the **Done** button to save your changes and exit this menu.

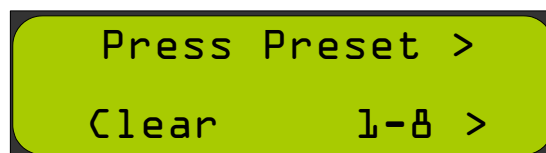
Recalling a Preset

Figure 1–21 Creating a New Preset



After pressing the **Get** button, the system changes to the recalled preset and the display returns to normal view, displaying the preset you just selected.

Figure 1–22 Preset Function Initialization

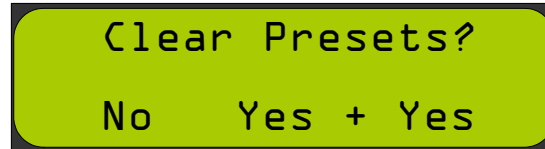


Resetting All Presets to the Factory Defaults

To change an existing preset, press the **Preset** soft key (center navigation button). The LEDs will blink yellow to signify that they now indicate that one of the **Volume/Mute** knobs must be pressed. Alternatively, you can press the **Clear** soft key to reset all presets to the factory default as indicated in [Table 1-1 on page 15](#).

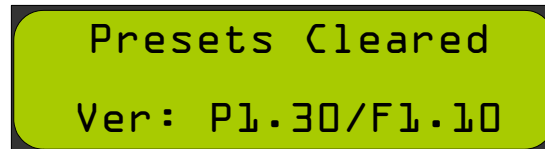
WARNING: Be careful when using this option since it cannot be undone.

Figure 1–23 **Reset All Presets to Factory Defaults**



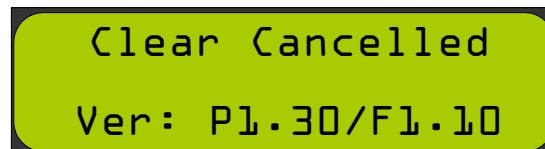
- A. No:** Pressing No cancels the operation and displays the screen in [Figure 1–24](#) below.

Figure 1–24 **Clear All Presets Prompt**



- B. Yes + Yes:** Pressing these two buttons simultaneously resets all the presets to their factory defaults and displays the screen shown in [Figure 1–25](#) below.

Figure 1–25 **Clear All Presets Prompt**



Updating the Software

Please refer to the upgrade instructions that came with your software upgrade. Should you need assistance, please contact Wohler Customer Support at 1-800-596-4537 or support@wohler.com.

Features

- Coax MADI input and output.
- Optical MADI input and output
- Balanced adjustable analog outputs.
- Speaker mute for output mix only.
- Channel presence indicators.
- Eight presets (channel names will be shared among all presets).
- Sixteen character X 2 line LCD display.
- One RU shallow depth chassis fits anywhere, even in crowded production trucks.
- Internal power supply with IEC connector.

Specifications

Table 1-2 lists the specifications for the MADI-8 monitor.

Table 1-2 MADI-8 Specifications

Specification	Value
Dimensions (H x W x D)	1.75" x 19" x 4.75" (44.5 mm x 482.6 mm x 120.7 mm)
Shipping weight	5 lbs. (2.3 kg)
Space requirements	1 RU in a standard 19" rack
Power requirements	100 to 240 VAC \pm 10%, 50/60Hz.
Power consumption	Approximately 20 W
Inputs	1 MADI multimode optical 1 MADI BNC 1 RS-232 (DB-9) for software updates
Sample rate	48 kHz
De-multiplexing	8 channels from a 56- or 64-channel stream

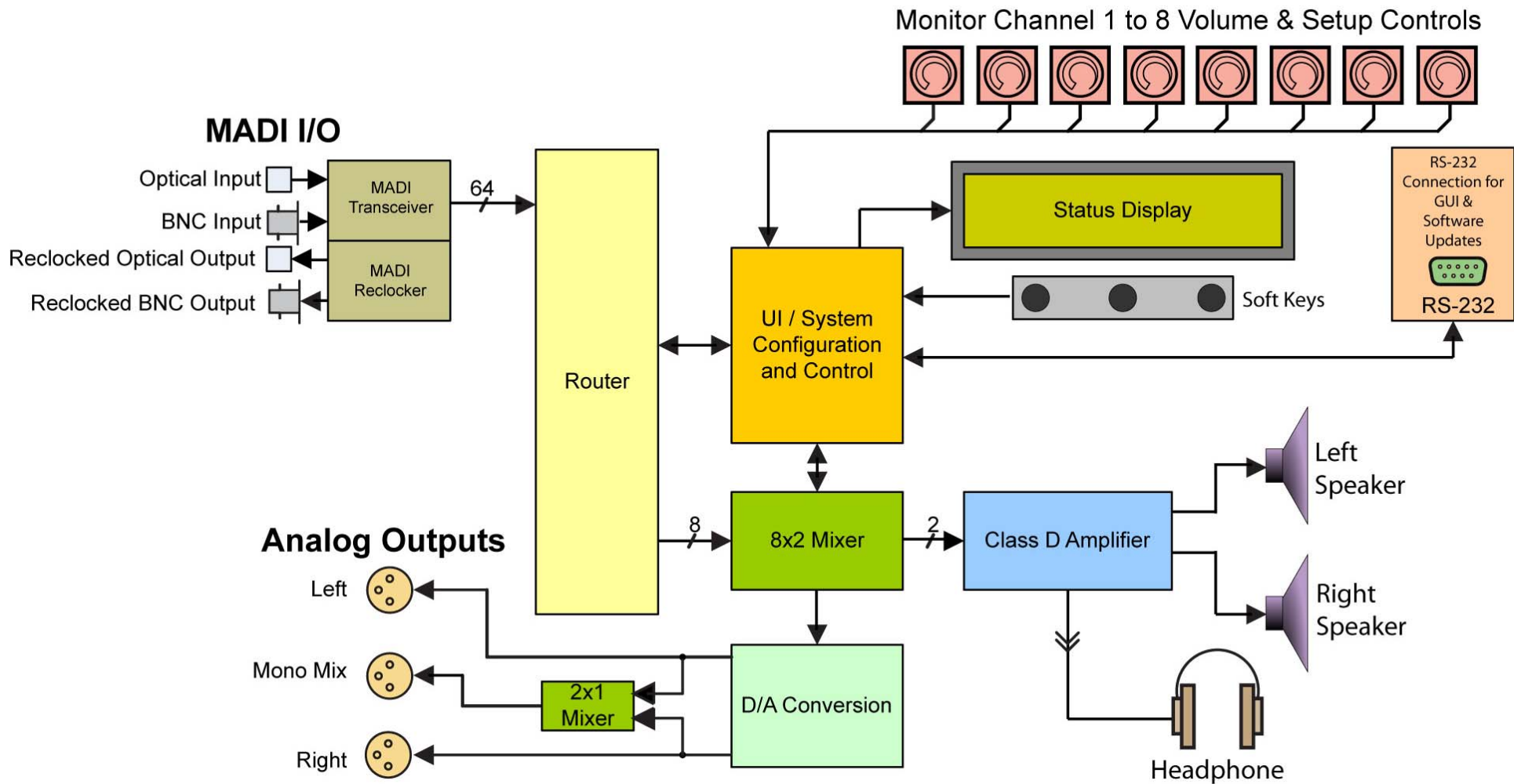
Table 1–2 MADI-8 Specifications (Continued)

Specification	Value
Outputs	1 reclocked MADI optical
	1 reclocked MADI BNC
	1 headphone (1/4" jack)
	3 balanced analog audio outputs (left, mono mix, and right) (XLR-M)
Display type	LCD 16-characters by 2 lines
Acoustic frequency response	300 Hz to 10 kHz (± 6 dB)
Acoustic distortion	< 2% 300 Hz to 10 kHz
Acoustic output	90 dB SPL @ 2 feet

Technical Functional Overview

Figure 1–26 below illustrates the overall functionality of the MADI-8.

Figure 1–26 MADI-8 Block Diagram



CHAPTER 2

Using the Graphic User Interface (GUI)

Introduction

Overview

This chapter describes how to install the MADI-8 GUI onto your PC and how use it to name the MADI-8 channels and manage the presets.

Topics

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Installing the GUI

1. After downloading the GUI software from the wohler.com web site, unzip the file.
2. Run the installation program.
3. Launch the application.

Establishing Connectivity

Requirements

For serial connectivity, your PC must have a serial port and you will need a standard serial cable.

Note: The default connection method is serial.

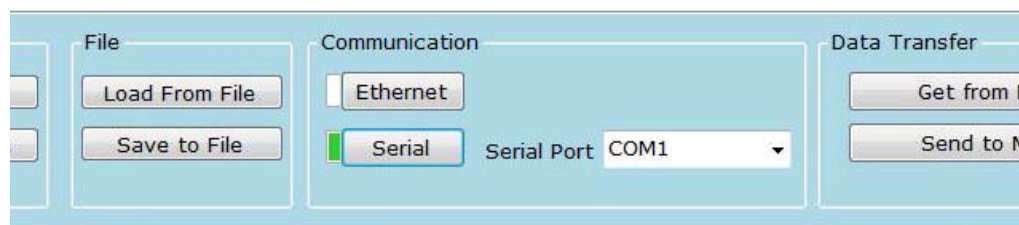
For Ethernet connectivity you will need a standard Ethernet cable and an Ethernet to serial converter.

Note: If the converter does not come with its own serial cable, then you must purchase a separate serial cable to complete the connection from the PC to the MADI-8.

Establishing Serial Connectivity

1. In the **Communication** section at the bottom of the application window, click **Serial** (Figure 2-1 below).

Figure 2-1 Completed IP and Remote Port Fields



- Click the drop-down arrow to the right of the **Serial Port** field to display the available COM ports. Click the one you're using to connect to the MADI-8.

Important: The BAUD rate of the PC's COM port must be set to 4800.

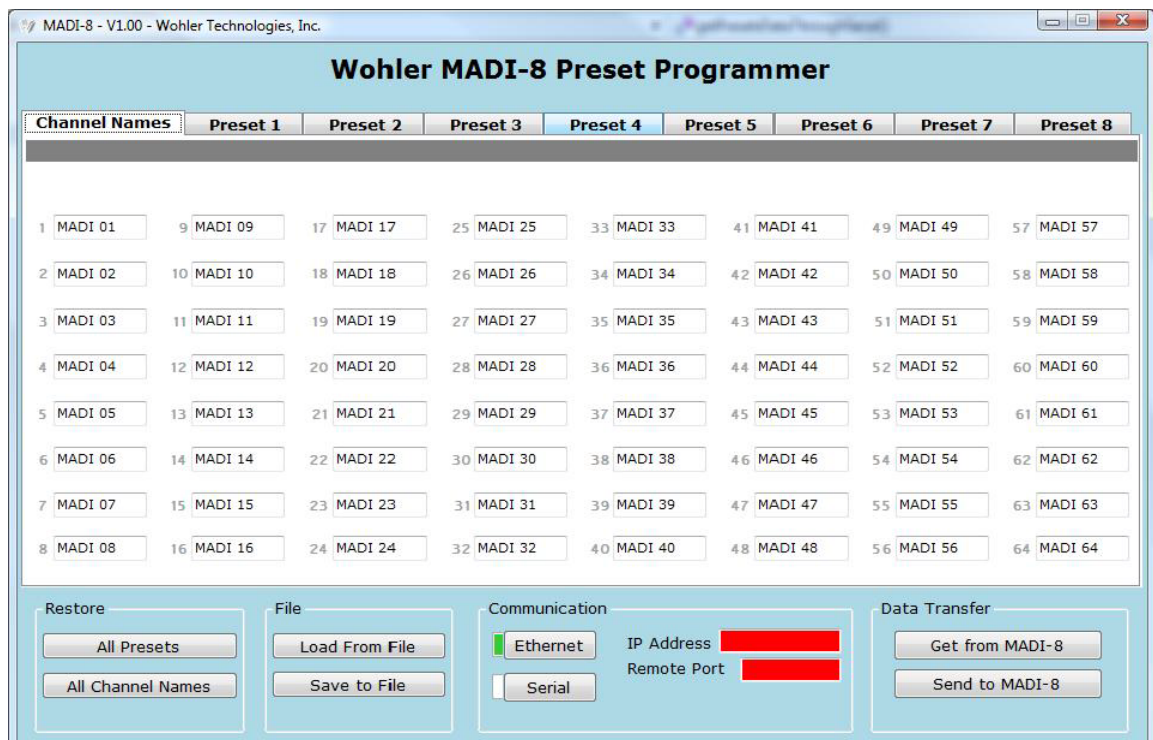
- To verify your connectivity to the MADI-8, click **Get from MADI-8** to load the MADI-8's current presets and channel names into the application window.
- On the MADI-8, press **Preset**, then press **Send**. You should see all the current presets appear in each of the **Preset** tabs of the GUI. If you do not see the MADI-8's current presets in the GUI, double check the connections from the PC to the MADI-8.

Establishing Ethernet Connectivity

Before you can use the GUI, you will need to enter the IP address and the serial port address of the Ethernet to serial converter into the application.

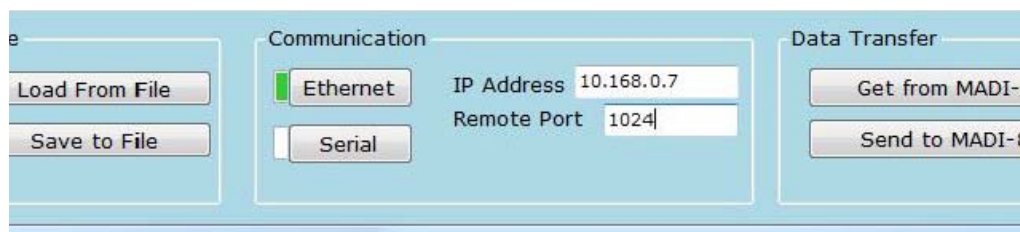
Note: If needed, refer to the converter's documentation for the IP and port addresses.

Figure 2–2 Naming Channel Screen



1. In the **Communication** section at the bottom of the application window, click **Ethernet** to use the IP protocol.
2. Enter the IP address of the converter into the **IP Address** field. The field's background will turn white if the address is in the correct format. Refer to [Figure 2-3](#) below.

Figure 2-3 Completed IP and Remote Port Fields



3. Enter the converter's port address of the MADI-8 in the **Remote Port** field. The field's background will turn white if the address is in the correct format. Refer to [Figure 2-3](#) above.
4. To verify your connectivity to the MADI-8, click **Get from MADI-8** to load the MADI-8's current presets and channel names into the application window.
5. On the MADI-8, press **Preset**, then press **Send**. You should see all the current presets appear in each of the **Preset** tabs of the GUI. If you do not see the MADI-8's current presets in the GUI, double check the connections from the PC to the MADI-8.
6. To save your current presets to a file, press **Save to File**.
7. When the **Save As** dialog displays, navigate to the location you want to store your preset files and give the file a name.

Modifying the Channel Names

Using the **Channel Names** tab you can quickly and easily name each of the 64 channels of your MADI-8 monitor.

Note: All channel names must be from one to nine characters long and they must also contain one character that is neither a space nor a comma.

Setting New Channel Names

1. Click on the **Channel Names** tab if it is not already displayed.
2. The number to the left of each field represents the channel number. Type in up to nine characters for each channel name you want to modify.

Decision Point:

The **Get** and **Send** functions in the **Data Transfer** section at the bottom of the application window apply to both the channel names and the presets simultaneously. Therefore, if you have not already created and named your presets, you should skip Steps 3 and 4 below and continue on to [Managing Presets on page 28](#).

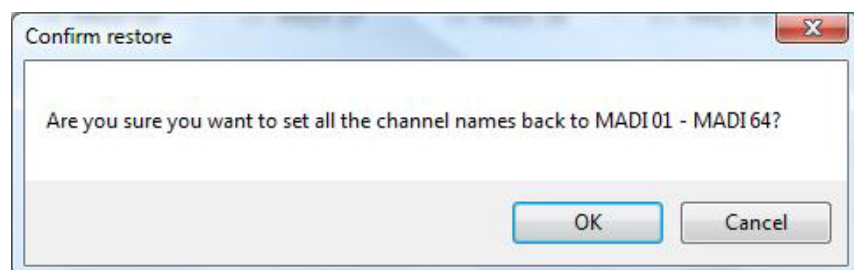
If all your channel names and presets are correct in the GUI, then continue on to Step 3 below.

3. On the MADI-8 monitor, press **Presets** and then press **Get**. The channel names on the MADI-8 monitor will now be the same as the ones you entered into the GUI.
4. Once you have named all of the channels, click **Send to MADI-8** at the bottom right-hand corner of the application window.

Restoring the Factory Default Channel Names

1. To restore the previous channel names, click **All Channel Names** in the **Restore** section at the bottom of the application window.
2. When the confirmation dialog appears ([Figure 2-4 on page 27](#)) click **OK** to continue, or **Cancel** to keep the current channel names you have listed in the **Channel Names** tab.

Figure 2-4 Restoring the Channel Names Dialog

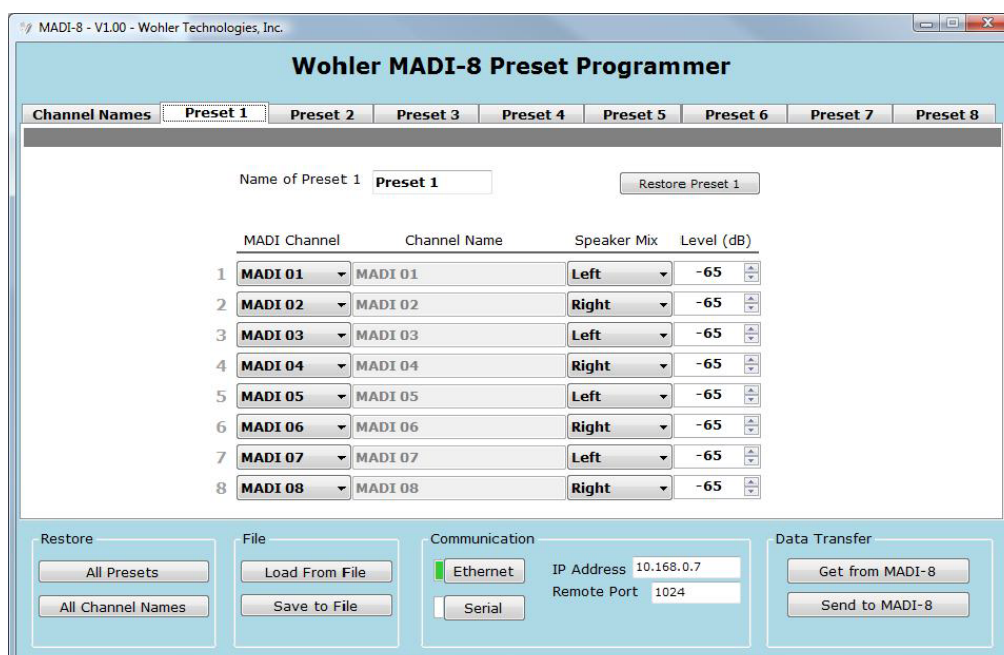


Managing Presets

The GUI provides eight tabs through which you can quickly and easily program each of the eight presets, including the option to give each of the presets a unique name. Each of these screens is nearly identical, so we will only describe the first one. Figure 2-5 below shows a screen shot of the first tab.

Note: All channel names must be from one to nine characters long and they must also contain one character that is neither a space nor a comma.

Figure 2-5 Preset Screen



Modifying Presets

1. First click the tab that corresponds to the preset you want to change.
2. To change a preset, click on the preset button. In our example in Figure 2-5 above, we're modifying Preset 1.
3. To change the name of the preset, type in a new name in the top field of the application window.

4. To modify the speaker mix of each of the eight channels of this preset, click the **Speaker Mix** drop-down list and select either **Left**, **Right**, or **both**.
5. To modify the **Level (dB)** of each channel, type in the value you want for each channel, or click the up or down arrows until the value you want is displaying in the field.

Decision Point:

The **Get** and **Send** functions in the **Data Transfer** section at the bottom of the application window apply to both the channel names and the presets simultaneously. Therefore, if you have not already named your channels, you should skip Steps 6 and 7 below and continue on to [Modifying the Channel Names on page 26](#).

If all your channel names and presets are correct in the GUI, then continue on to Step 6 below.

6. On the MADI-8 monitor, press **Presets** and then press **Get**. The channel names on the MADI-8 monitor will now be the same as the ones you entered into the GUI.
7. Once all the presets are set the way you want, click **Send to MADI -8** to transfer the settings to the MADI-8.

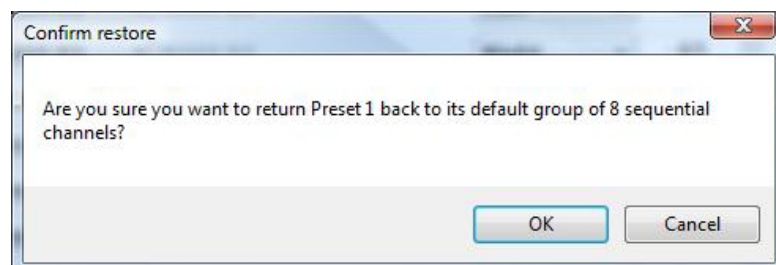
Restoring the Factory Default Presets

These instructions allow you to restore the presets that were on the MADI-8 before you made any alterations to the GUI.

Restoring a Single Preset

1. To restore the previous values for a preset, click the tab corresponding to the preset you want to restore.

Figure 2–6 Restoring the Presets



2. Click **Restore Preset X** at the top of the application window.
3. When the confirmation dialog box appears, click **OK** to continue with the restore, or **Cancel** to retain the current values in the GUI.

Restoring All Presets

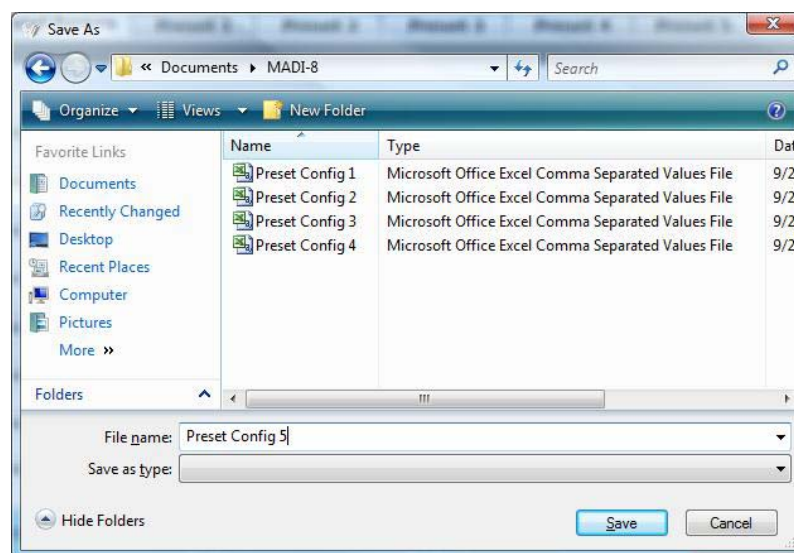
In the **Restore** section at the bottom of the application window, click **All Presets**.

Saving the Presets to a File

Important: We recommend that you do *not* edit the .csv file in Microsoft® Excel because Excel will add extraneous content that will prevent the MADI-8 from correctly interpreting the data.

1. To save all the presets to a file, verify that each of the eight presets are set correctly.
2. Click **Save to File**.
3. When the **Save As** dialog appears, navigate to the folder you want to save the file in, and give the file a name. click **OK**.

Figure 2–7 Save As Dialog

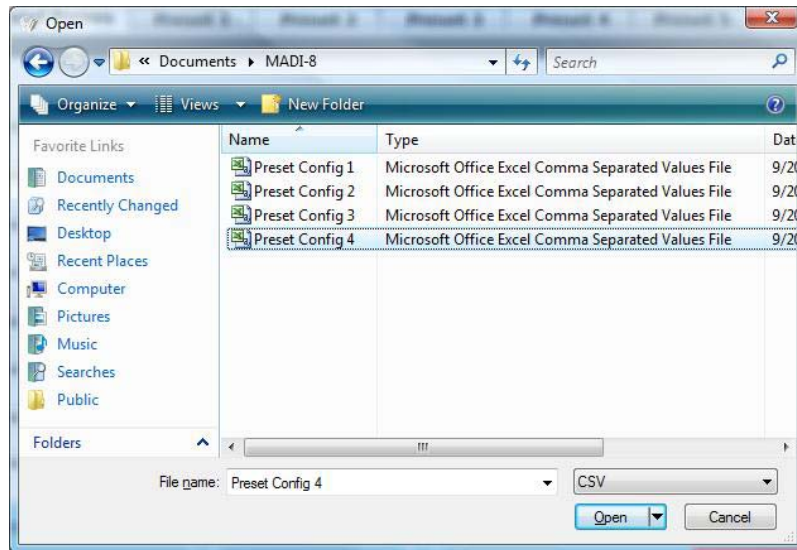


Restoring the Presets from a File

Important: We recommend that you do *not* edit the .csv file in Microsoft® Excel because Excel will add extraneous content that will prevent the MADI-8 from correctly interpreting the data.

1. To restore the presets from an existing file, click **Load from File**.

Figure 2–8 Open Dialog



2. When the **Open** dialog appears, double-click the name of the file you want to load into the GUI.
3. Take a moment to double-check each of the preset values to be sure this is the correct file.

Chapter 2 Using the Graphic User Interface (GUI)

Managing Presets