A-**5006A/ A-5012A: How to Remotely Control Input Channels**

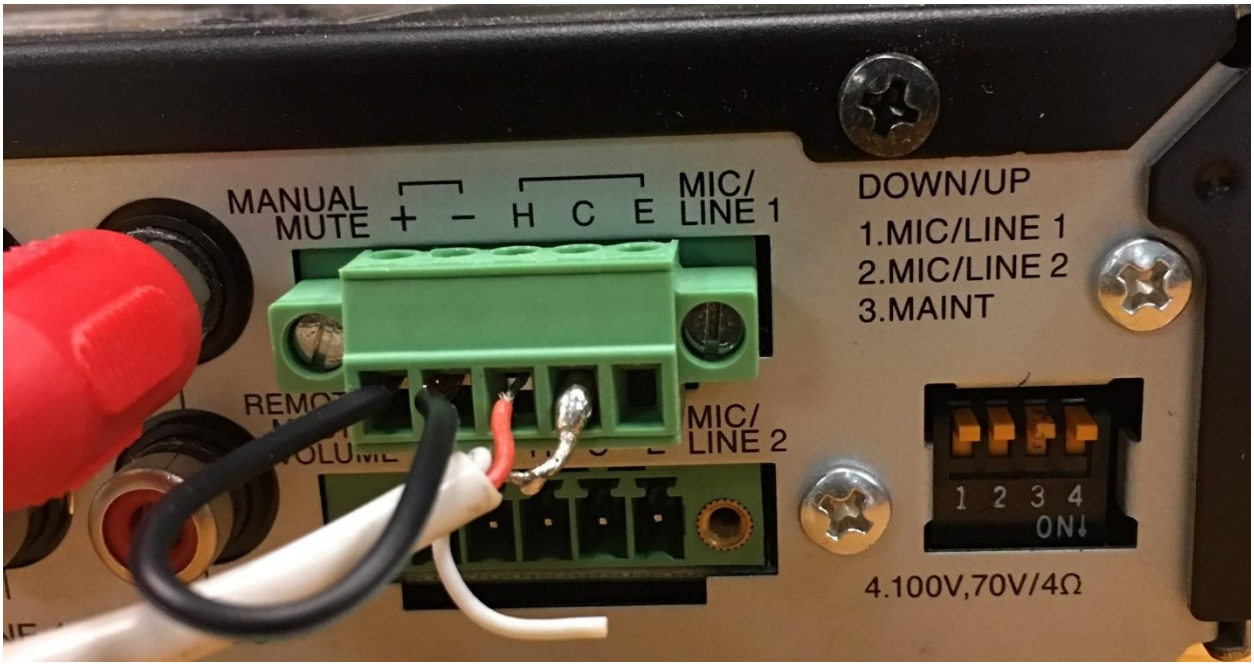
PROBLEM: The end user wants remotely controlled input channels. The four input volumes can't be controlled by software since they are based on front panel potentiometers, not programming.

SOLUTION: Program a series of presets with single open channels and manual mute enabled for channels not wanted.

Example: If using INPUTS 1, 3 & 4, four presets would be considered:

Preset 1: Ch 1 ON, Ch 3 & 4 OFF
Preset 2: Not used
Preset 3: Ch 3 ON, Ch 1 & 4 OFF
Preset 4: Ch 4 ON, Ch 1 & 3 OFF
Preset 5: All mute

HARDWARE PROCEDURE: The hardware requirement is to Jumper + & - mute terminals to enable the contact closure.



MANUAL MUTE JUMPER (Black wire to MANUAL MUTE + and -)

PROGRAMMING PROCEDURE:

Open the A-5000 Software programming, connect to the unit either through AUTOCONNECT or by setting the static IP address and running “CONNECT”.

TIP: A confirmation of connection will be the meters for the inputs and outputs will become active in the software.

Once connection is made to the unit, the presets can be programmed, tested and saved.

NOTE: when programming is opened, the preset memory is set to 1 by default.

For the first preset CHANNEL 1 ON, click on **MUTE** for **INPUT 3** and perform the following steps:

1. Set MODE to **MANUAL**. When enabled the MANUAL button will change color to GREEN.

2. Set **TARGET**, enable **INPUT 3** and **INPUT 4**. When enabled the TARGET buttons will change color to orange.

3. To set input 3 and 4 mute parameters, first click on the INPUT 3 button on the far-right side, then perform the following adjustments:

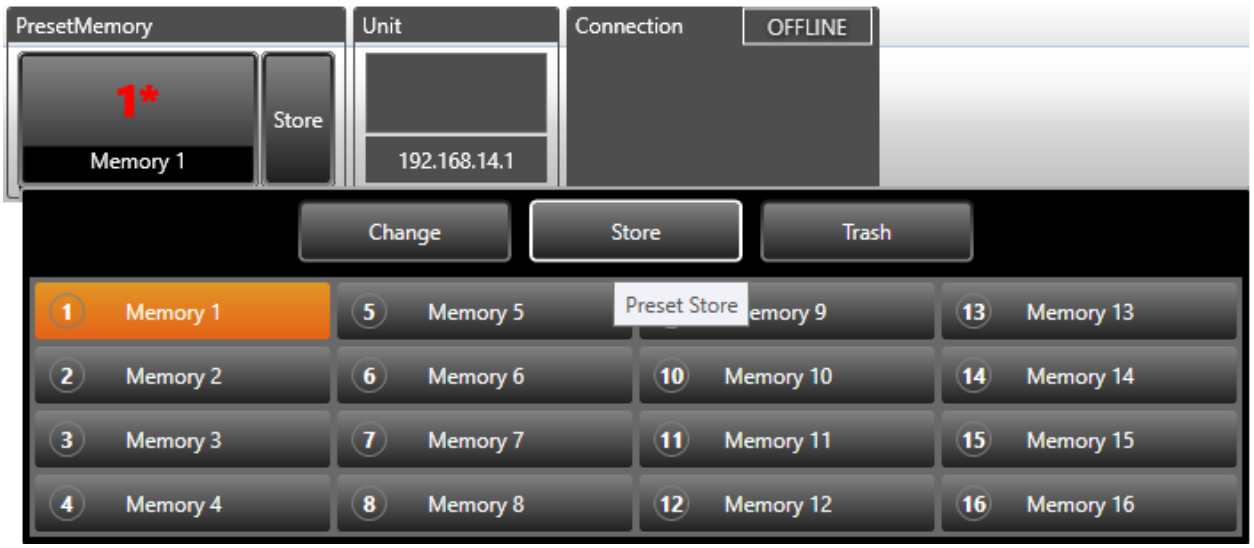
   Set **REDUCTION** (vertical axis) to – 60 dB.
   Set **HOLD TIME** (horizontal axis) to 1 second.
   Set **FADE IN TIME** to 0.

   When done with input 3, go back to the right side of **PARAMETERS**, enable the **INPUT 4** button, the color will change to orange. Repeat step 3 settings for input 4. When completed, close the prompt.

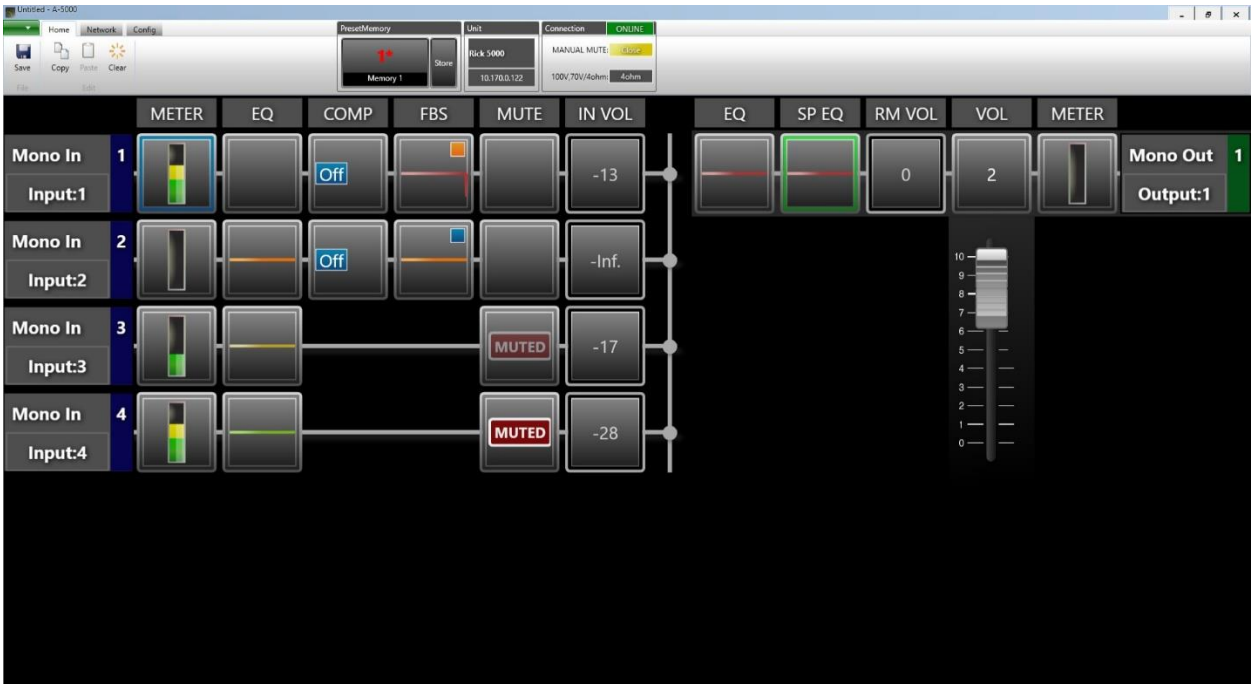
PRESET 1: CHANNEL 3 MUTE SETTINGS SHOWN

Go back to **PRESET MEMORY** at the top of the display and click STORE, or click Memory 1 and click store in the drop down menu as shown below.

TIP: In this example the * means there have been changes that have not been saved. Once you successfully save your setting changes to the preset, the * will disappear.

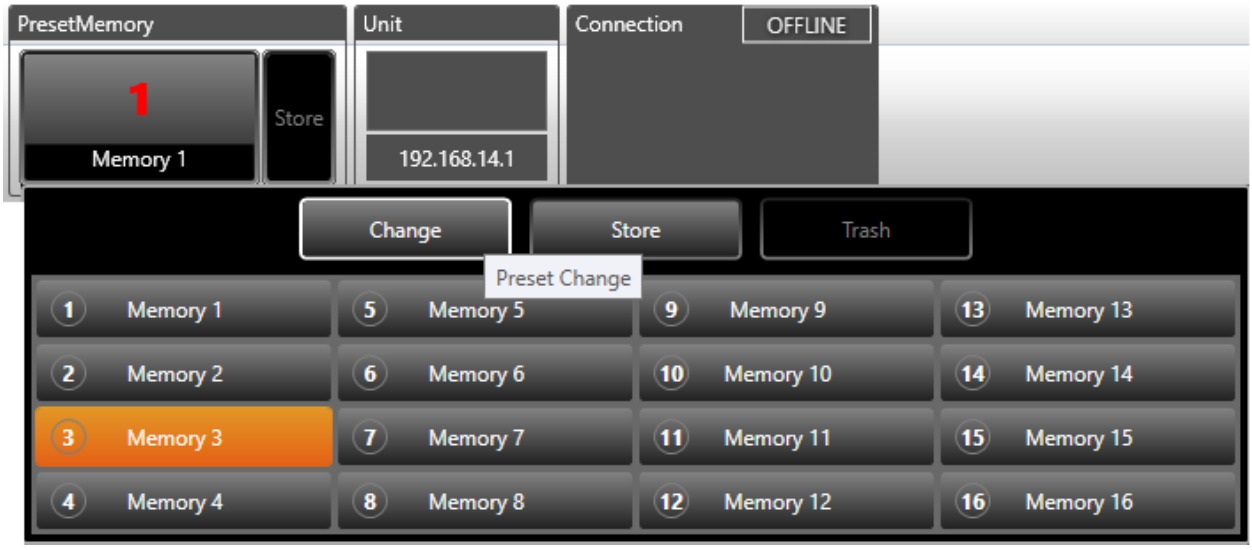


PRESET 1: Preset Store



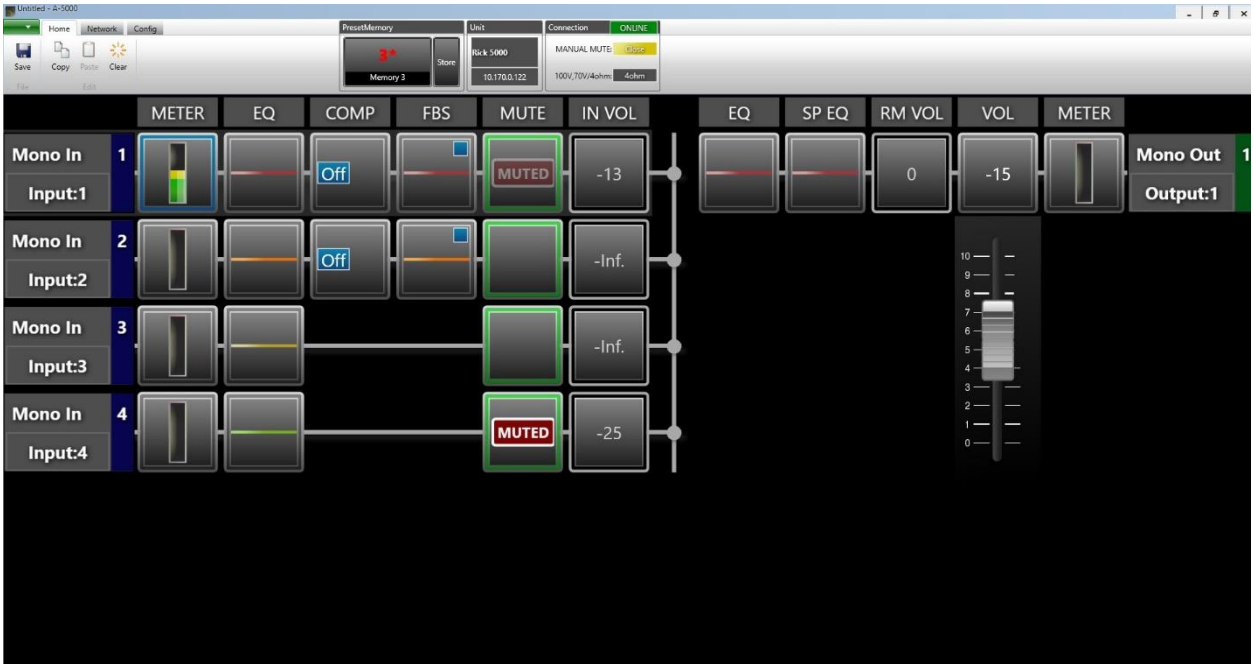
PRESET 1 COMPLETE: Programming Layout

After completion of the PRESET 1, click on the **MEMORY** button above the signal path layout, click on **MEMORY 3**, then click on the **CHANGE** button.



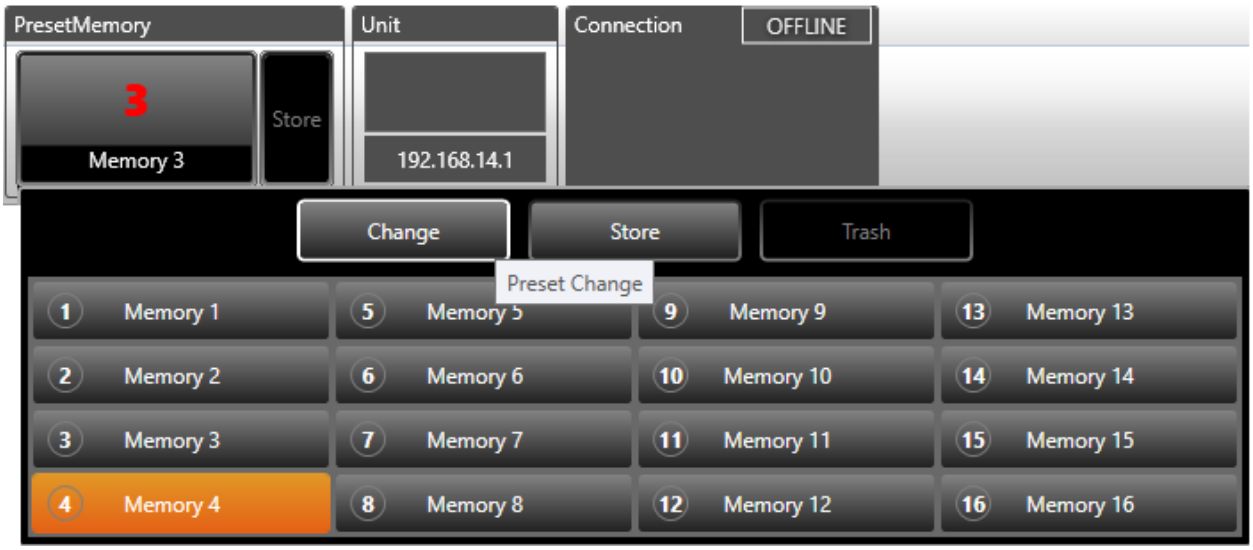
CHANGE PRESET DISPLAY; Change Preset 3

To program for INPUT 3 on/ INPUTS 1 & 4 off, repeat steps 1-4, the difference is in step 2, enable INPUT 1 & 4 as the targets. In step 3, click on **PARAMETERS**/ INPUT 1 to adjust **REDUCTION**, **HOLD TIME and FADE IN TIME** parameters. Then click on **PARAMETERS**/ INPUT 4 to adjust **REDUCTION**, **HOLD TIME and FADE IN TIME** parameters. When completed, close the prompt. Save to the preset 3 to complete the edit.



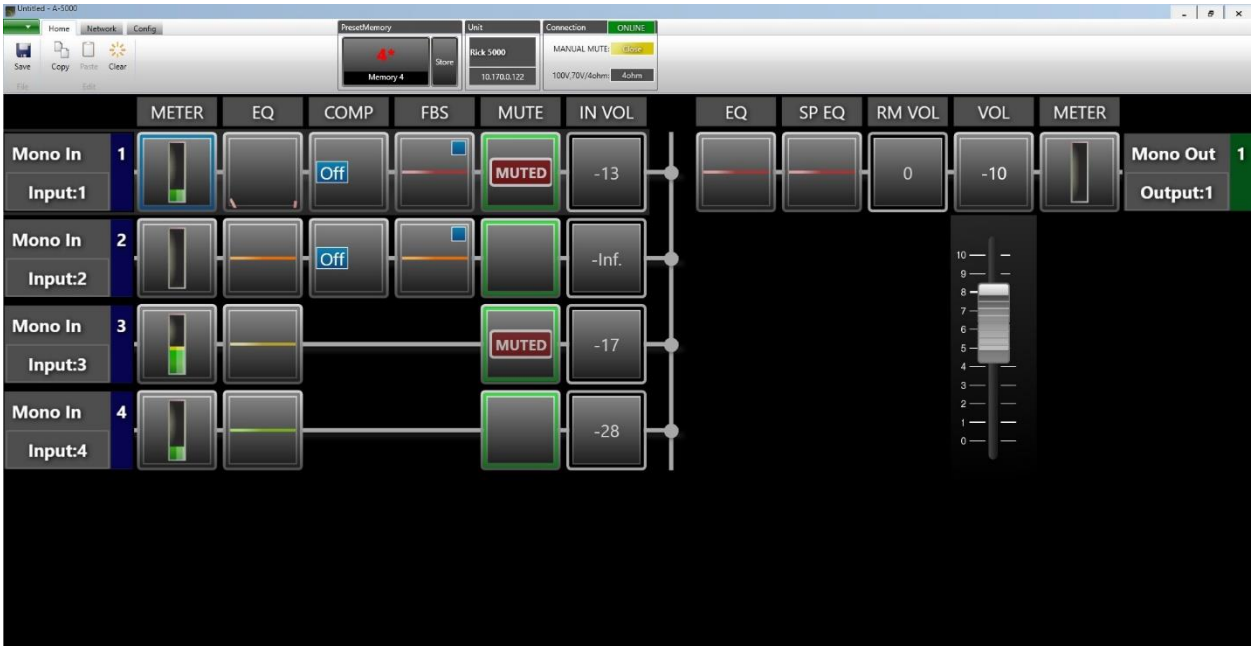
PRESET 3 COMPLETE: Programming Layout

After completion of the PRESET 3, click on the MEMORY button above the signal path layout, click on **MEMORY 4,** then click on the **CHANGE** button.



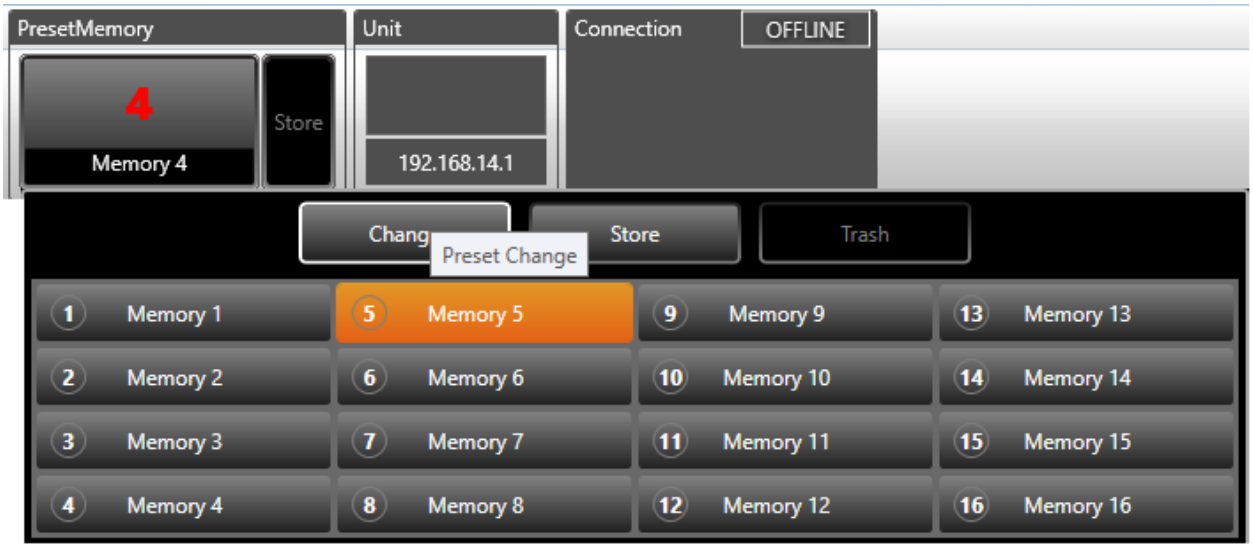
CHANGE PRESET DISPLAY; Change Preset 4

To program for INPUT 4 on/ INPUTS 1 & 3 off, repeat steps 1-4, the difference is in step 2, enable INPUT 1 & 3 as the targets. In step 3, click on **PARAMETERS**/ INPUT 1 to adjust **REDUCTION**, **HOLD TIME and FADE IN TIME** parameters. Then click on **PARAMETERS**/ INPUT 3 to adjust **REDUCTION**, **HOLD TIME and FADE IN TIME** parameters. When completed, close the prompt. Save to the preset 4 to complete the edit.



PRESET 4 COMPLETE: Programming Layout

After completion of the PRESET 4, click on the MEMORY button above the signal path layout, click on **MEMORY 5,** then click on the **CHANGE** button.



CHANGE PRESET DISPLAY; Change Preset 5

For PRESET 5/ ALL CHANNELS MUTED, click on **MUTE** for INPUT 1, perform the following steps:

1. Set MODE to **MANUAL**. When enabled the MANUAL button will change color to GREEN.

2. Set **TARGET**, enable INPUT 1, INPUT 3 and INPUT 4. When enabled the TARGET buttons will change color to orange.

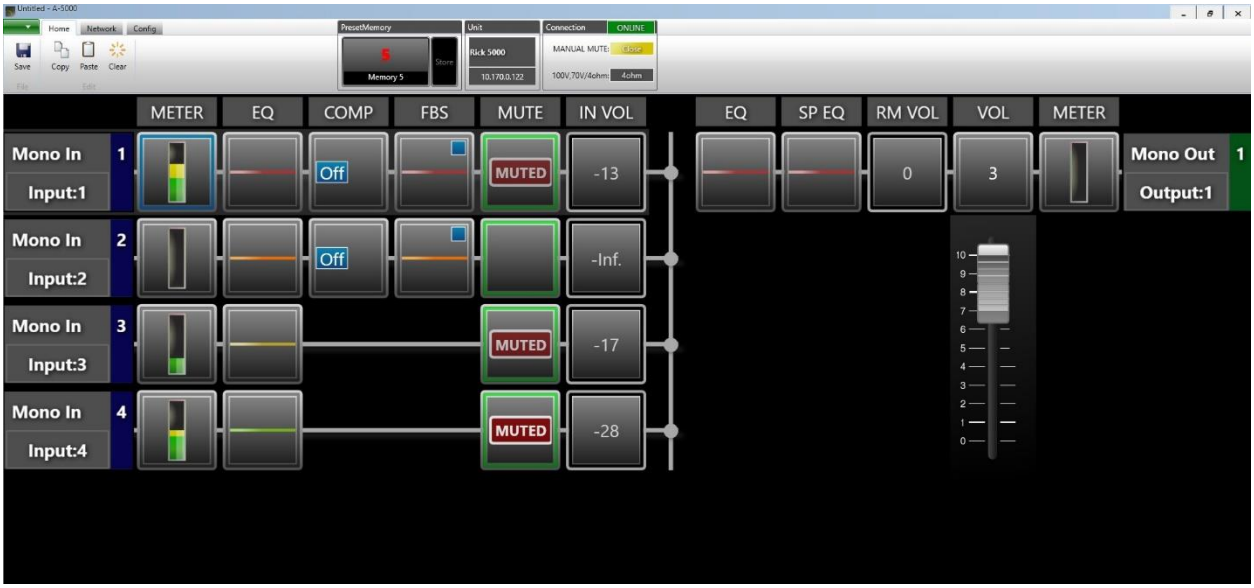
3. To set input 1, 3 & 4 mute parameters, first click on the **INPUT 1** button on the far-right side, then perform the following adjustments:

   Set **REDUCTION** (vertical axis) to – 60 dB.
   Set **HOLD TIME** (horizontal axis) to 1 second.
   Set **FADE IN TIME** to 0

When done on input 1, enable the **PARAMETERS**/ INPUT 3 button, the color will change to orange. Set the REDUCTION, the HOLD TIME and the FADE IN TIME settings as was done for input 1. Repeat this procedure for input 4. When completed, close the prompt.

PRESET 5: MUTE SETTINGS

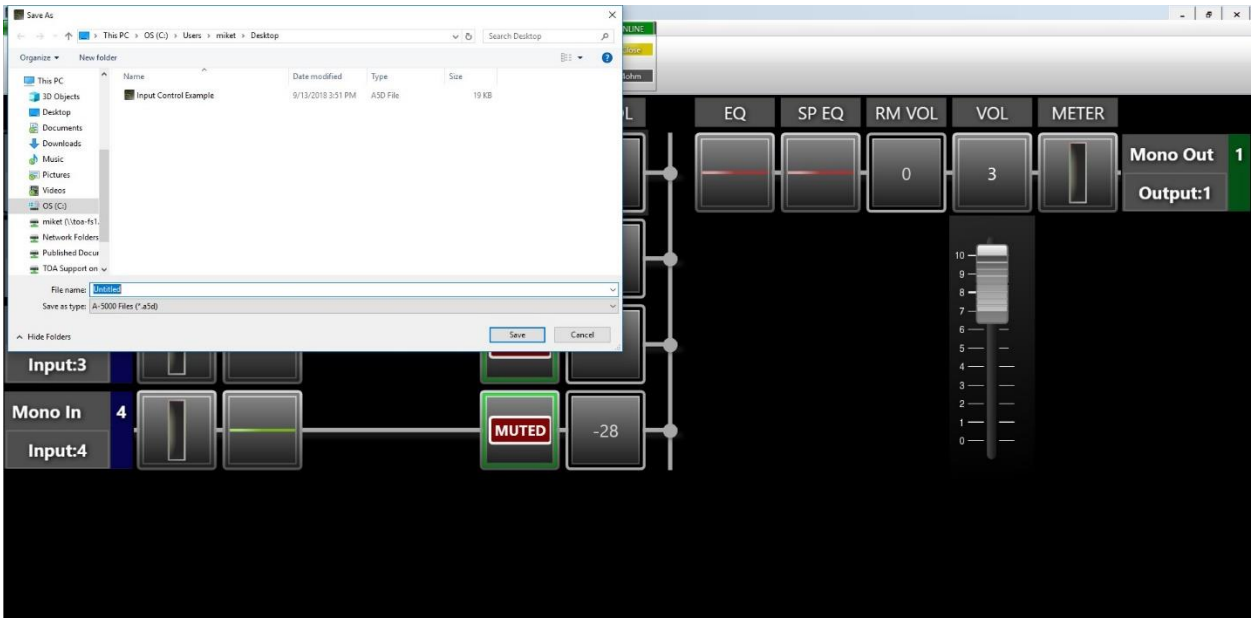
After completion of the fifth preset, click on the preset memory **STORE** button above the signal path layout.



PRESET 5 COMPLETE: Programming Layout

After all programming for the four presets, use **CHANGE PRESET** to test conditions and assure selection operability.

If all presets work as intended, the last step is to save the program file. Go to the upper left corner of the programming page, click on SAVE. A **SAVE AS** prompt will appear:



SAVE AS PROMPT

Type a name for your new file. Save the .a5d file in a folder or on your desktop. The completed file can be reloaded into the A-5000 product if the memory needs to be restored.