

9. Press the **SEL** button.
The *Dim Amount*: scroll box appears.

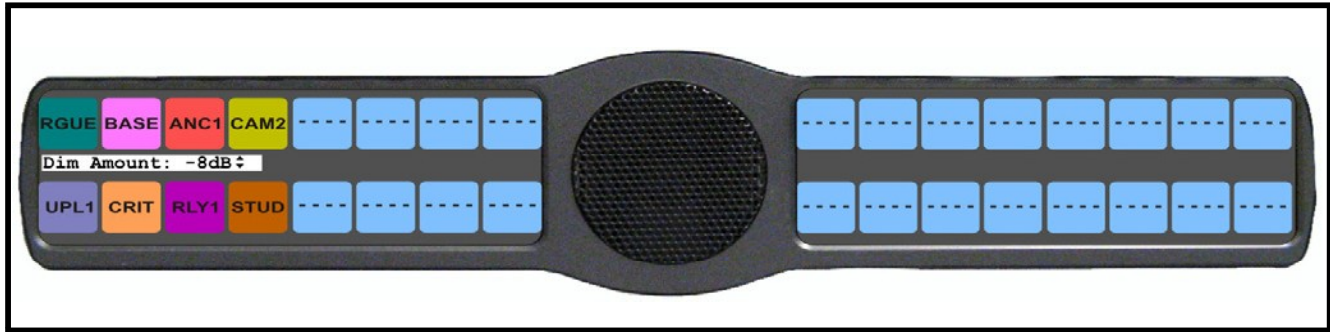


FIGURE 25. Audio Options - Dim Amount Adjustments

10. Using the 3(↑) or 6(↓), scroll to the **Dim Volume** you desire.

Audio Options Menu, DSP Funcs

DSP Funcs accesses the digital signal processing options for the KP 32 CLD.

Available options for this menu are: *Equalization, Filters, Gating, Metering, and Mixing*. Each of these options is described in detail below.

To access the **DSP Func menu**, do the following:

1. On the KP 32 CLD keypad, press the **MENU** button.
The *Top Level menu* appears.
2. Using the 3(↑) or 6(↓), select **Audio Options**.
3. Press the **SEL** button.
The *Audio Options menu* appears.
4. Using the 3(↑) or 6(↓), select **DSP Funcs**.
5. Press the **SEL** button.
Equalization, Filters, Gating, Metering, and Mixing appears in the display window.

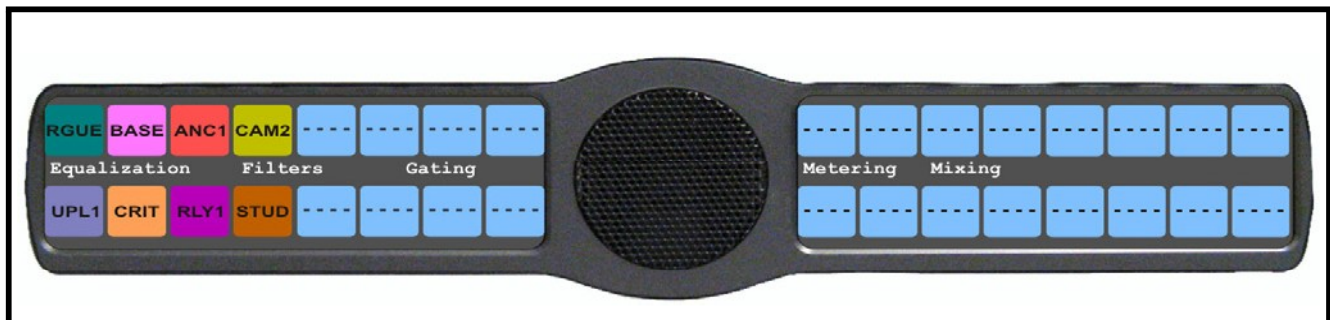


FIGURE 26. Audio Options - DSP Function Menu

Equalization

Equalization allows the user to select predefined settings that modify the frequency envelope of an audio channel for the front and rear speakers. This is a five-band equalizer. Each preset provides a different EQ to be applied to the audio sent to the speakers.

By default, *None* is configured. There is no preset equalization configured.

Available selections for this menu are: *None, Preset #1, Preset #2, Preset #3, Preset #4, and Preset #5*.

The presets are as follows:

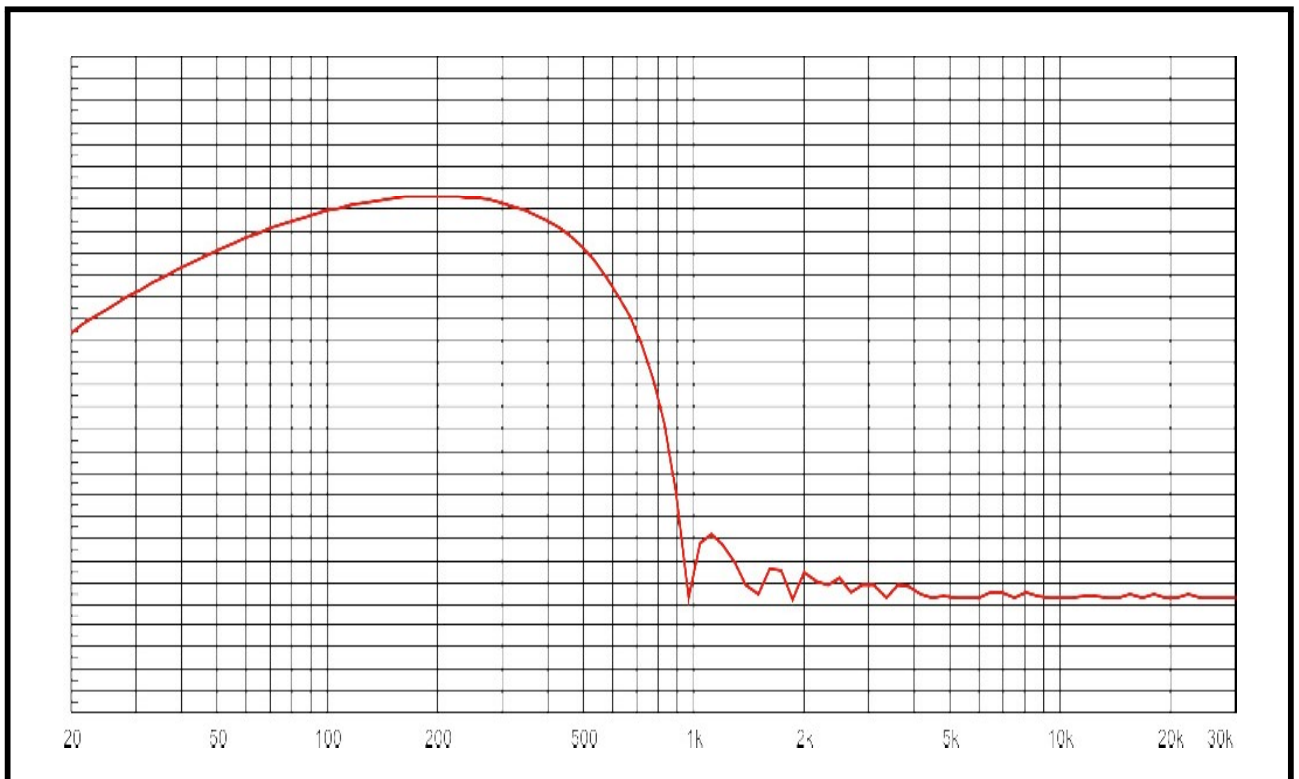


FIGURE 27. Frequency Response - Preset 1 (20Hz to 300Hz)

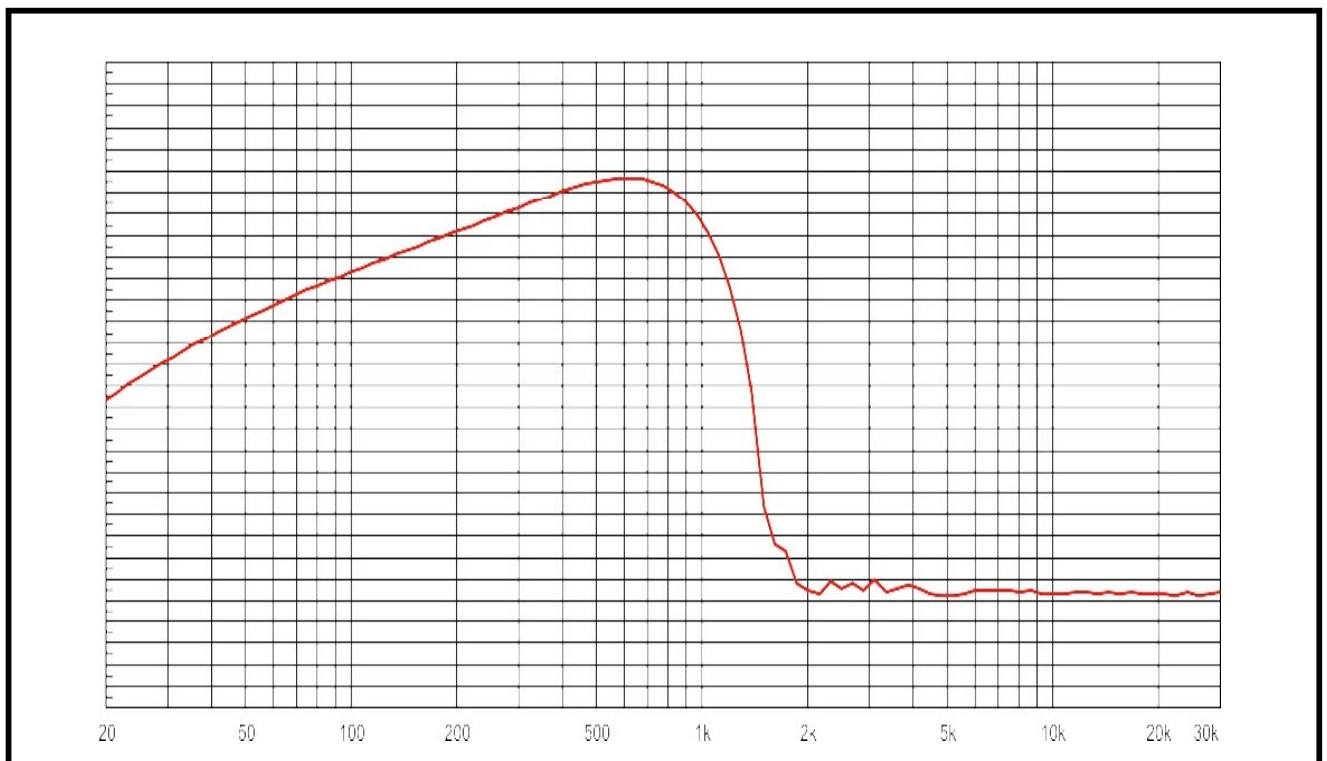


FIGURE 28. Frequency Response - Preset 2 (300Hz to 900Hz)

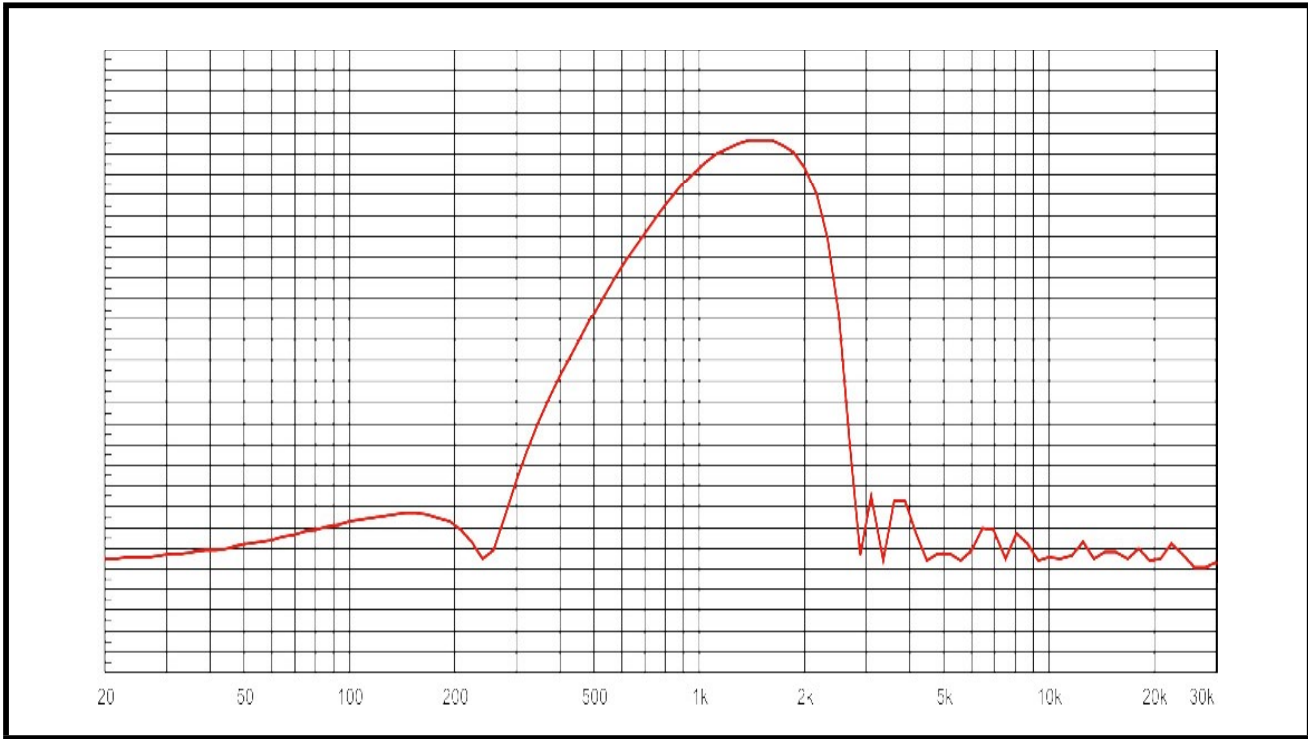


FIGURE 29. Frequency Response - Preset 3 (900Hz to 2100Hz)

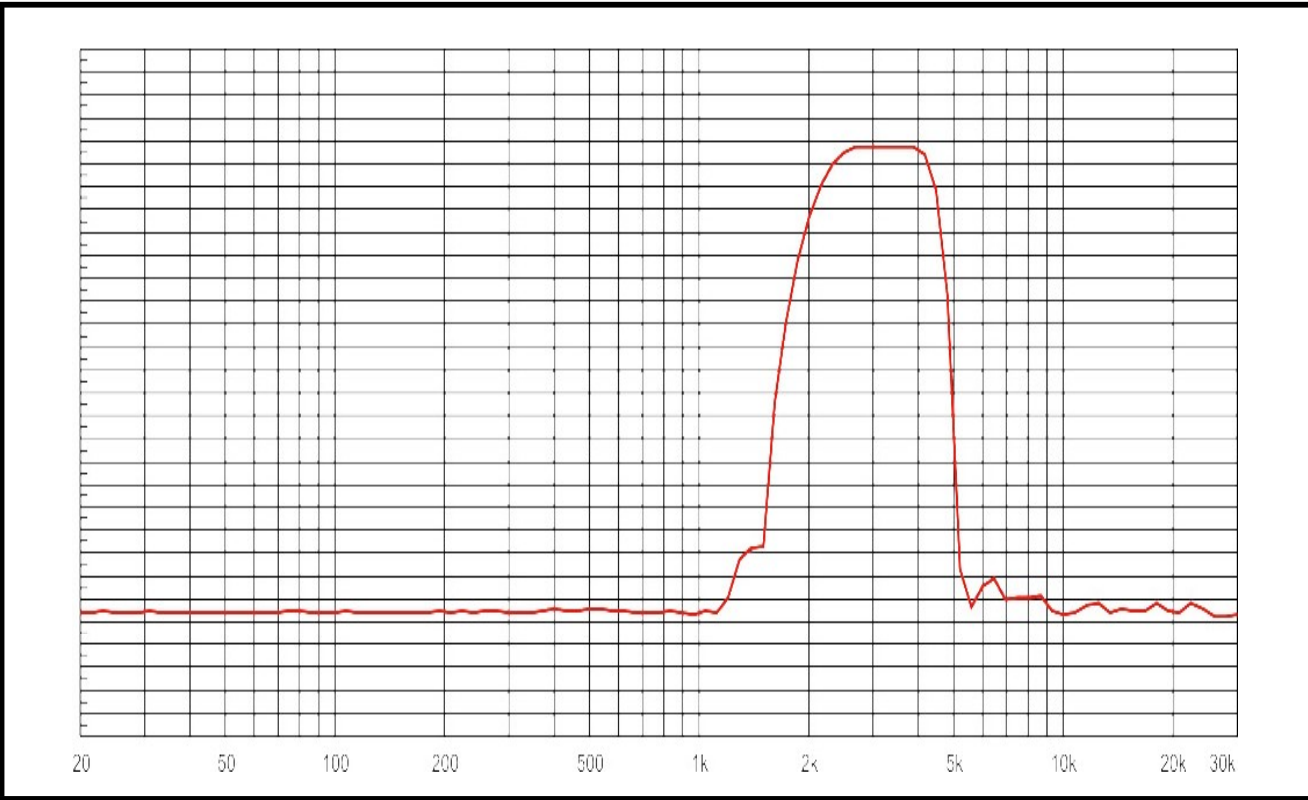


FIGURE 30. Frequency Response - Preset 4 (2100Hz to 4500Hz)

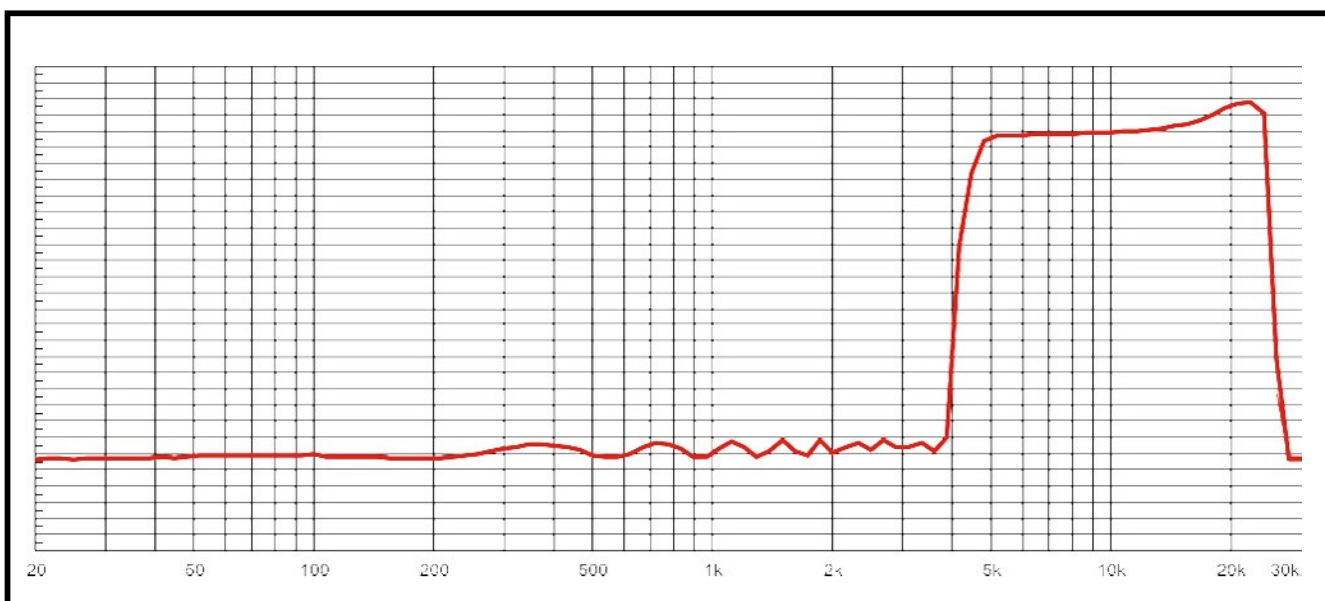


FIGURE 31. Frequency Response - Preset 5 (4500Hz to 24,000Hz)

NOTE: The EQ feature is only used for Front and Rear Speakers.

To **configure a preset frequency response on the front speaker, rear left speaker, or rear right speaker**, do the following:

1. On the KP 32 CLD keypad, press **MENU**.
The Top Level menu appears.
2. Using the 3(↑) or 6(↓), select **Audio Options**.
3. Press the **SEL** button.
The Audio Options submenu appears.
4. Using the 3(↑) or 6(↓), select **DSP Funcs**.
5. Press the **SEL** button.
The DSP Funcs menu appears in the display window.
6. Using the 3(↑) or 6(↓), select **Equalization**.
7. Press the **SEL** button.
Front Speaker, Rear Left, and Rear Right appear in the display window.

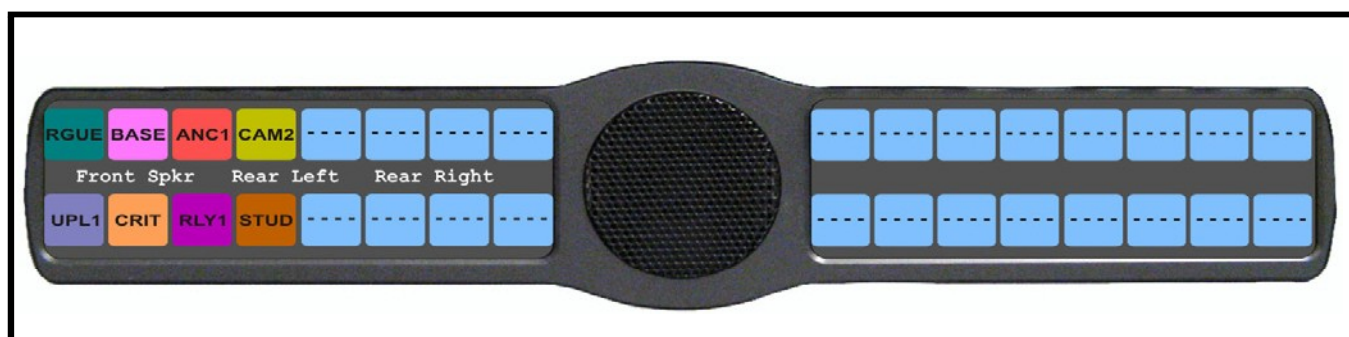


FIGURE 32. Audio Options - Equalization

8. Using the 3(↑) or 6(↓), select either **Front Speaker**, **Rear Left**, or **Rear Right**.

NOTE: Rear Left and Rear Right only appear when the GPI 32 CLD option card is installed.

9. Press the **SEL** button.
None, Preset #1, Preset #2, Preset #3, Preset #4, and Preset #5.

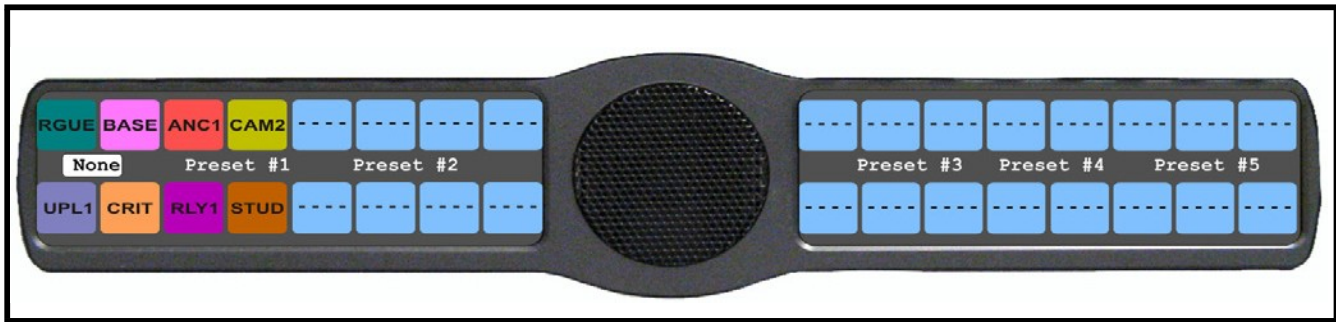


FIGURE 33. Audio Options - Presets

10. Using the 3(↑) or 6(↓), select the **preset** you want to enable.
11. Press the **SEL** button.

A blue arrow  appears next to the selected option

Filters

Filters allow you to add a 9600Hz notch filter to one or more audio sources. This can be useful when the keypanel data port signal is being heard in the audio line due to cable routing problems.

By default, filters is set to *None*.

Available options for this menu are:

<i>Aux 1 - 6</i>	This feature is only available when GPI 32 CLD option card is installed
<i>Headset Mic</i>	
<i>Panel Mic</i>	
<i>Rear Headset Mic</i>	This feature is only available when the GPI 32 CLD option card is installed
<i>Rear Panel Mic</i>	This feature is only available when the GPI 32 CLD option card is installed
<i>RVON Ch1</i>	This feature is only available when the RVON-2 option card is installed
<i>RVON Ch2</i>	This feature is only available when the RVON-2 option card is installed

To **configure filtering on the KP 32 CLD keypanel**, do the following:

1. On the KP 32 CLD keypad, press **MENU**.
The Top Level menu appears.
2. Using the 3(↑) or 6(↓), select **Audio Options**.
3. Press the **SEL** button.
The Audio Options submenu appears.
4. Using the 3(↑) or 6(↓), select **DSP Funcs**.
5. Press the **SEL** button.
The DSP Funcs menu appears in the display window.
6. Using the 3(↑) or 6(↓), select **Filters**.

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