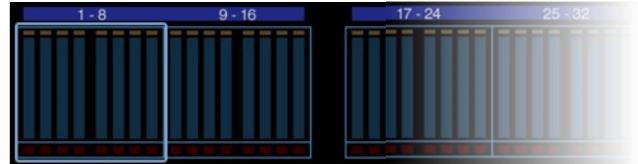


## CONTROLLING SOUND USING THE IPAD APP

### SELECTING CHANNELS AND ADJUSTING VOLUMES

The channel strips are shown in groups of 8.

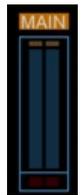
- Tap a different block near the top of the screen to access the corresponding channels.
- Drag the faders to increase or decrease the channel volume.



### THE MAIN FADERS

The **MAIN L** and **MAIN R** faders controls the volume of the entire mix. They are often set at the 0 position, but can be lowered or raised as needed.

- Tap the **MAIN** channel block to access the **MAIN L** and **MAIN R** faders.
- The **MAIN L** and **MAIN R** faders are linked and will move simultaneously.



### MUTING

Use a channel strip's **MUTE** button to mute its sound.

- Several channels and the **MAIN** output may be muted when a preset is initially loaded.
- If the **MAIN L** and **MAIN R** faders' mute buttons are lit, no sound will be heard from the main outputs, so be sure to unmute the **MAIN L** and **MAIN R** faders when sound to the main speakers is needed!

### ADJUSTING GAIN TO AVOID DISTORTION OR BOOST INPUT LEVEL

If a channel's input signal is too "hot", distortion will occur. This distortion is very unpleasant for listeners and can potentially damage the equipment.

- If the level light beside a channel's fader is "going into the red" (clipping), the input level (gain) must be lowered, as follows:
  - 1 Above the channel's fader, drag the **SENS** knob down to lower the input level until the channel's level light is peaking between the 6 and 0 marks. Avoid allowing the level light to reach the 0 mark.
- Similarly, if a channel's input level seems too low or weak, it can be boosted by increasing the gain.



## CONTROLLING SOUND USING THE IPAD APP (CONTINUED)

### ADJUSTING TONE (EQUALIZATION)

The tone of each channel can be shaped using a 4-band parametric equalizer and a high-pass filter (low cut) function.

- The parametric equalizer allows the user to cut or boost any four chosen frequencies (bass, midrange, treble, etc.) and adjust how the neighbouring frequencies are affected.
- The high-pass filter can be used to eliminate low frequencies when they are not needed (voice microphones, guitars, etc.) and/or could cause low-end feedback or muddiness.

To adjust a channel's EQ:

- 1 Tap the EQ graphic box above the channel's fader.
- 2 Activate the EQ using the **EQ** button on the righthand side of the EQ module.
- 3 Tap and hold the white circle that is closest to the frequency range you'd like to adjust. Lower frequencies (bass) are on the left and higher frequencies (treble) are on the right.
  - Drag left or right to select the desired frequency.
  - Drag down to cut the frequency or up to boost the frequency.
- 4 Release your finger.
- 5 With the circle still selected (tap to reselect, if necessary), use a two-finger pinch gesture to adjust how neighbouring frequencies are affected (Q).



The high-pass filter (low cut) function can be adjusted in a similar manner. Don't forget to activate it using the **HPF** button!



The **HI** and **LO** circles allow you to change the EQ Type using the  buttons. Do not experiment with the EQ type during an event, as it can drastically affect the sound!



The button and knobs on the righthand side of the EQ module can also be used to make the adjustments discussed above.