Signal Flow In & Out of the Red Sea

The Red Sea can be wired in many different ways but before we dig into each wiring diagram let's go over how the signal can flow in and out of the Red Sea.

Use the Right Input for a mono signal going in to the Red Sea. Your input signal will be copied, split, and sent to all four send jacks (1 thru 4). The input signal can be anything, guitar, drive pedal, eq pedal, or any other mono signal source.

Mono Input



Use both Left and Right inputs to maintain a stereo image routing through the Red Sea. When ran in stereo, the Left Input will be copied, split, and sent to send jacks 3 and 4. The Right Input will be copied, split, and sent to send jacks 1 and 2. The input signals can be anything like dual guitars, 1 guitar and 1 bass, or any stereo effects pedal.

Stereo Input



The signal flowing through the return jacks on the right side (Return 1 & 2) will leave on the Right Output of the Red Sea. The same will apply for the signals flowing through the return jacks on the left side (Return 3 & 4), these signals will leave on the Left Output of the Red Sea.

Return Jack Signal FLow



*** There is one exception to the signal flow in the Return jacks when using the Red Sea in a Wet Dry or Wet Dry Wet setup. When you remove the patch cable from the Return 4 jack, the Red Sea will re-route the signal from the Return 2 jack to both Left and Right Outputs.

Wet Dry Wet Signal Flow



Hopefully by now you can see how your signal will flow in and out of the Red Sea. Later in the manual we will provide various wiring diagrams for different routing options, however using the knowledge above you should be able to create your own unique routing configurations.

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