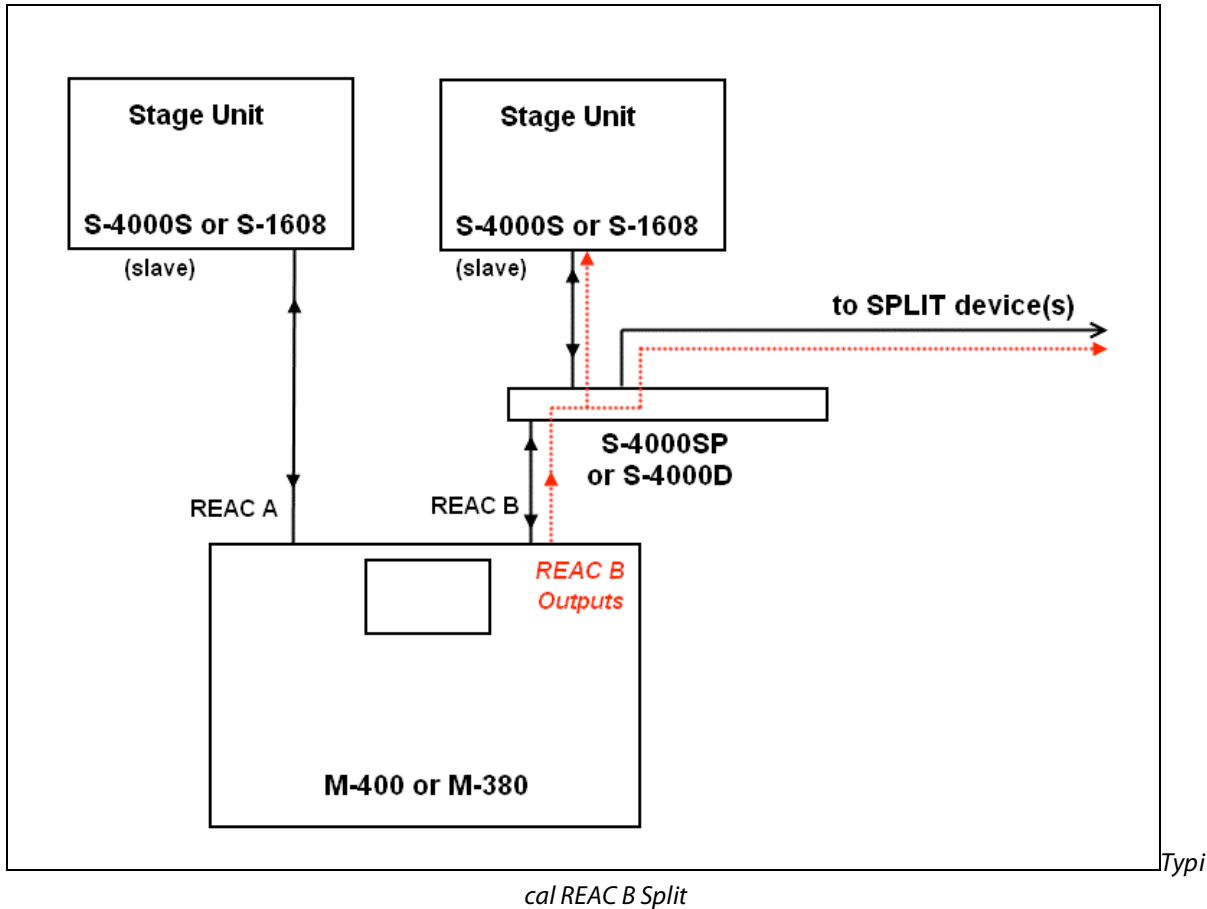


REAC B Split Workflow In RSS V-Mixing Systems

This document describes how ports and sources are routed when splitting the REAC B network of an RSS V-Mixing system. It does not cover every possible scenario or describe any limitations of the architecture. Instead, it is a guide that shows the most common uses of the REAC B Split design.



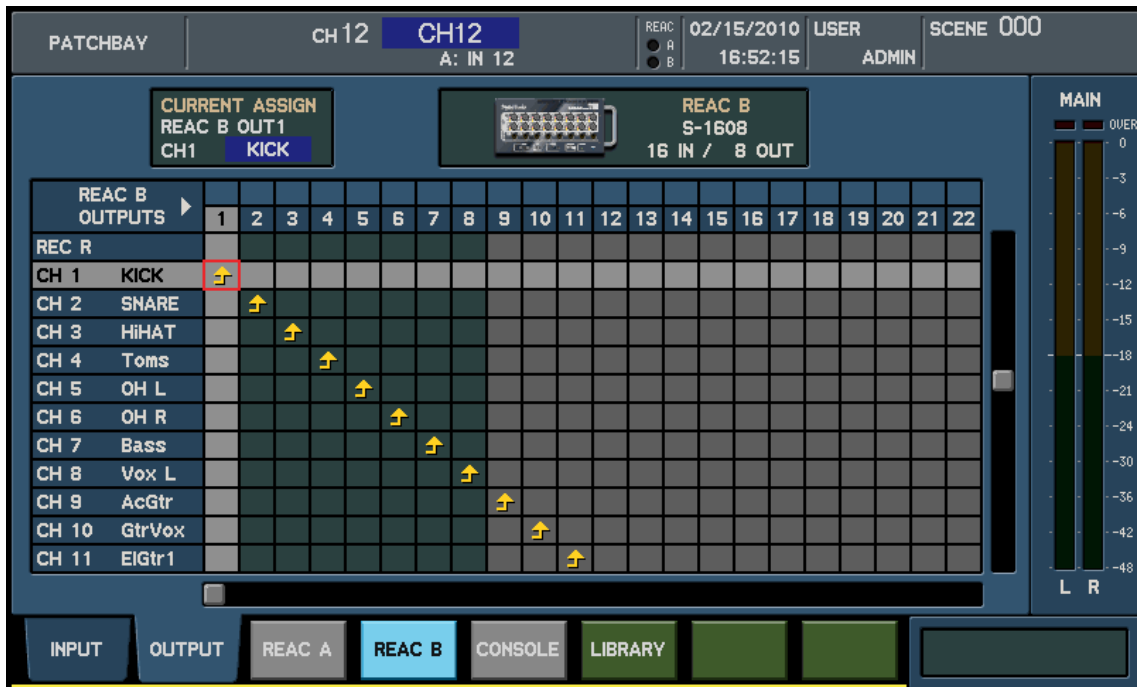
Since the V-Mixer can route up to 40 Output Ports via REAC B (and only 8 via REAC A), splitting REAC B allows us to manually assign (patch) 40 Sources to a REAC SONAR Recording rig, the M-48 Personal Mixing system or any 40-channel Split location REAC device.

Your 40 REAC B Output Sources can be any combination of:

- Direct Out's (faders)
- AUX SENDS
- Matrices
- Monitors
- MAIN's

This tutorial assumes you have already patched various Input Ports to Faders and set up any AUX SENDS, Matrices, MONITORs and MAINs as needed for your facility.

Open the REAC B Output Patchbay of your console.



In this unit, we have patched active Faders to REAC B Output ports sequentially: Channel 1 is patched to REAC B Output 1, Channel 2 is patched to REAC B output 2, etc etc.

You can patch any Source to any REAC B Output port.

These REAC B output ports will be directed to two places: your REAC B Stage Unit's Output ports and your REAC B Split location device's ports.

Let's say you have an S-1608 as your REAC B Stage unit. With the above scenario, that S-1608's 8 Output ports will be outputting Ch1 on Output port 1, Ch2 on Output port 2, etc. If this isn't helpful for your facility, you should use your REAC A Stage Unit or the M-400's Console Output ports to drive PA, MONs, etc.

This is done in the REAC A Output Patchbay or the Console Output Patchbay.

Now that you have assigned 40 Sources in the REAC B Output Patchbay, they will route through your gigabit switch to your Split location.

If your Split location is an M-48 Personal Mixing system, use the MONITOR > M48 MANAGER menu in the M-400 to set the SOURCE LEVEL/PAN settings and assign REAC B Output sources in the SOURCE ASSIGN menu of each M-48 unit.

If your Split location is another M-400 V-Mixer, go to that M-400's SYSTEM > REAC CONFIG menu and set the REAC SETUP to MONITOR/BROADCAST A.

If your Split location is an RSS Stage unit (S-4000S or S-0816), manually set the unit's REAC MODE switch to the "SP" (split) setting. Each REAC B Output port will then come out of the corresponding analog output jack of the Stage unit.

If your Split location is a REAC SONAR PC, your incoming REAC B Output ports will be mapped one-to-one with SONAR's REAC INPUT ports. Since SONAR maps input ports as stereo pairs, the sources will be mapped like this:

REAC B Output port 1 = Left REAC:Input 1-2
REAC B Output port 2 = Right REAC:Input1-2
REAC B Output port 3 = Left REAC:Input 3-4
REAC B Output port 4 = Right REAC:Input 3-4
REAC B Output port 5 = Left REAC:Input 5-6
REAC B Output port 6 = Right REAC:Input 5-6
Etc.

The REAC B Split design provides users a fully assignable method of routing any 40 sources to any Split location. Your REAC B Split can feed multiple devices or locations. Those 40 ports can be routed where they are needed for monitoring, capture, broadcast or distribution.

If you have any problems or questions, contact us during business hours at 800-380-2580.