



Tech Brief

link4 & link8 Troubleshooting: No output or low output

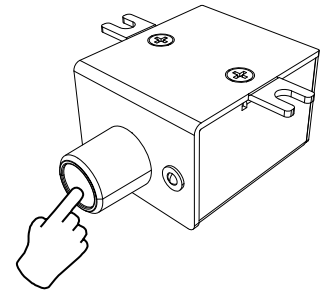
link4 and link8 share a common multi-function remote and similar channel select and summing functions. If you find that there is low output or no output from some of the channels, there are a few likely causes that are easily remedied.

Issue: Low output or distorted sound at lower volume

Reason-1: The remote has been previously turned down.

link4 and link8 have non-volatile memory that remembers the remote's last level setting(s), even if power has been removed or the remote has been unplugged. If you are not aware that the remote's level was turned down, just increasing source volume may cause it to reach clipping well before the link4/8's actual max output.

- **Solution: Reset all remote levels to max.** To reset the remote, press-n-hold the knob for >5sec until the LED begins to flash blue/red. It's always a good idea to do this when setting up a new unit or if anyone could have changed remote levels before setting gains.



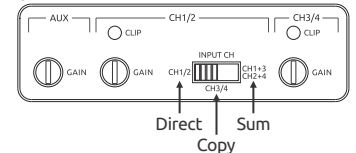
Reason-2: The output has been summed with an empty input.

When summing with an input that has no signal, the combined output will only be half (-6dB).

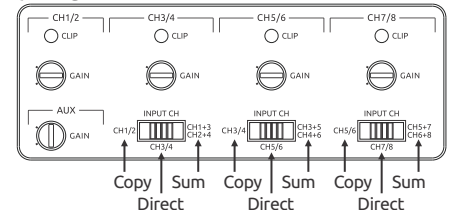
- **Solution: Change the input select switch to COPY or use external jumper wires.** When input select is set to copy, the signal comes from the adjacent channels after the gain. For independent gain or to sum with non-adjacent channels, use external jumper wires and select DIRECT input instead.

Note: To use link4 as a 2-in/4-out, the 2-channel source must be connected to CH3/4's input and CH1/2's input select switch must be set to copy CH3/4.

link4



link8



Issue: No output or only bass signal from CH1/2

Reason: The CH1/2 output select switch has been moved.

link8 has a small switch located under the CH1/2 RCAs that allows the output to be selected, either as passing through CH1/2 input directly or copying the signal from CH7/8's output. This function is primarily for 4-way summing applications and allows a full-range summed signal to be re-routed back to CH1/2 outputs in order to preserve independent CH7/8 sub level control from the remote.

- **Solution: Move the switch to the correct position for your application.**

In the left switch position, CH1/2 RCA's will output signal from CH1/2's input directly. In the right position, CH1/2's output will be the same as the signal output from CH7/8 RCA's, but with independent level control via the remote.

