



# Tech Brief

## link4, link6 & link8 Troubleshooting: No output or low output

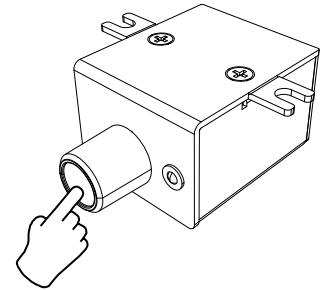
link4, link6 and link8 share a common multi-function remote as well as similar channel select and summing functions. If you find that there is low or no output from some of the channels, there are a few likely causes that are easily remedied.

### link4/6/8: Low output or distorted sound at lower volume

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

link4/6/8 have non-volatile memory that remembers the last remote level setting(s), even if power has been removed or the remote has been unplugged. If the remote's level was unknowingly turned down, just increasing source volume or gain may cause the unit to reach clipping well before its actual max output.

- **Solution: Reset all remote levels to max.** To reset the remote, press-n-hold the remote knob for >5sec until the LED begins to flash alternating 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.

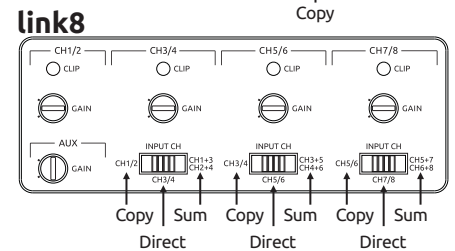
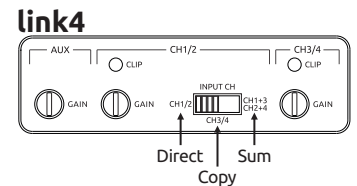


#### Reason-2: The output has been summed with an empty input.

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 and uses their gain adjustment. For independent gain, use external jumper wires and select DIRECT input instead. If needing to sum adjacent with non-adjacent channels, use external jumper wires and select SUM.

**Note:** To use link4 as a 2-in/4-out, the 2-channel source must be connected to CH3/4's input with CH1/2's input select switch set to COPY unless using external jumper wires for independent gain and selecting DIRECT instead.



### link6 or link8: No output or only bass signal from CH1/2

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

Both link6 and link8 have 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 the sub channels (CH7/8 for link8 or CH5/6 for link6). This function is primarily for full 3-way (link6) and 4-way (link8) summing applications which allows a full-range summed signal to be re-routed back to CH1/2 outputs in order to preserve independent 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 the sub channel RCAs (CH7/8 with link8 or CH5/6 with link6), but with retained independent sub level control via the remote.

