

## Frequently Asked Questions

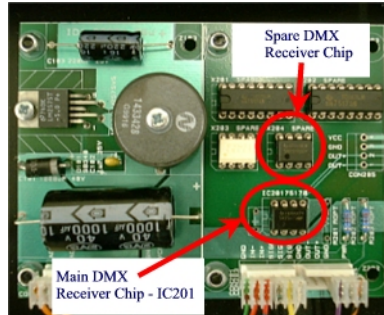
### FAQ 10019 - My Rack Splitter is not working?

Q. The DMX data LED does not flash when I connect the desk to the splitter?

A. Check that the DMX cable from the desk to the splitter has made proper contact and ensure the cable isn't damaged.

If the above fails, then open the top lid and replace the main DMX Receiver chip IC201 (SN75178) with the spare one provided directly above it on the PCB.

If this chip is faulty there will be no output from any of the XLR connectors.



Q. The rack splitter is not outputting any data?

A. Ensure all the mascon headers are firmly in their positions.

Check which of the outputs are not working.

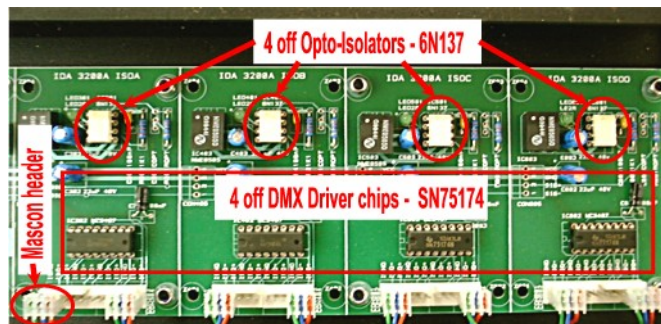
If none of the outputs work, then change IC201 (see above).

If a set of two outputs don't work then try changing the DMX Driver chip (SN75174) or the Opto-Isolator chip (6N137) associated with the faulty section.

Spare Driver and Opto-isolator chip can be found on the pcb.

Driver chips are : - IC302, IC402, IC502 & IC602 (SN75174)

Opto-isolator chips are : - IC301, IC401, IC501 & IC601 (6N137)



### Replacement Spare Parts

Replacement components can be ordered from Avolites by quoting the Part Numbers below :-

Part Number	Description
05-03-0432	SN75178 - DMX Receiver
05-03-0135	SN75174 - DMX Driver
05-03-0333	6N137 - Opto-Isolator