

Colour Call and Pirouette data / power connector pin-outs

Caution. 24volt DC power is carried on pins 4 & 5 of the XLR connector. Great care must be taken to prevent shorts between these latter 2 pins and pins 1 & 2, which carry DMX data. Serious damage can be caused to DMX equipment should such a short take place.

Pin 1 is DMX shield (ground). This may be connected to pin 5 (24 volt common) Care must be taken to ensure that 24 volt power return current does not flow via pin 1. Should the latter occur it will not normally cause any equipment damage. It may though result in, often unexplainable, DMX errors.

Pin 1	DMX shield
Pin 2	DMX data –
Pin 3	DMX data +
Pin 4	Power –24 volts (<i>may be common with pin 1</i>)
Pin 5	Power +24 volts