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## HP DIMMER INPUT WIRING

A wiring problem has been found in some HP dimmers. The wiring problem relates to the DMX input and output connectors, which have been incorrectly wired at the connector where they join to the main CPU circuit board. While this in general has no adverse effects due to the passive input of the dimmer, this does become a problem when software versions 1.2A and above are fitted, and the "DMX Termination" option is used. Use of the DMX termination option causes the faulty dimmer and other receiving devices upstream of the terminating dimmer to stop receiving DMX signal.

When viewing the HP Dimmer from the top with the lid removed, the suspect connector is located near the DMX connectors on the CPU card. If the wiring is correct, the black wire will be at the top of the connector. If the wiring is incorrect, unplug the connector from the CPU card noting the orientation. Remove the wires from the connector housing by gently lifting each locking tab in turn with a jewellers screwdriver and pulling the wire and crimp pin out of the housing. Note that the middle (yellow) wire does not have to be removed.

Insert the wires back into the connector in the following order:

Top	Black
	Green
	Yellow
	Red
Bottom	Brown

Plug the connector back into the PCB and check for correct operation.

Note that this wiring error has no adverse effect on operation or dimmer reliability when used with software versions up to 1.1F.