MOD Power Expander Installation Instructions

Thanks for buying one of our custom pinball boards. Please read the below instructions carefully so that you connect up your power expander board correctly and do not damage the board and/or your game.
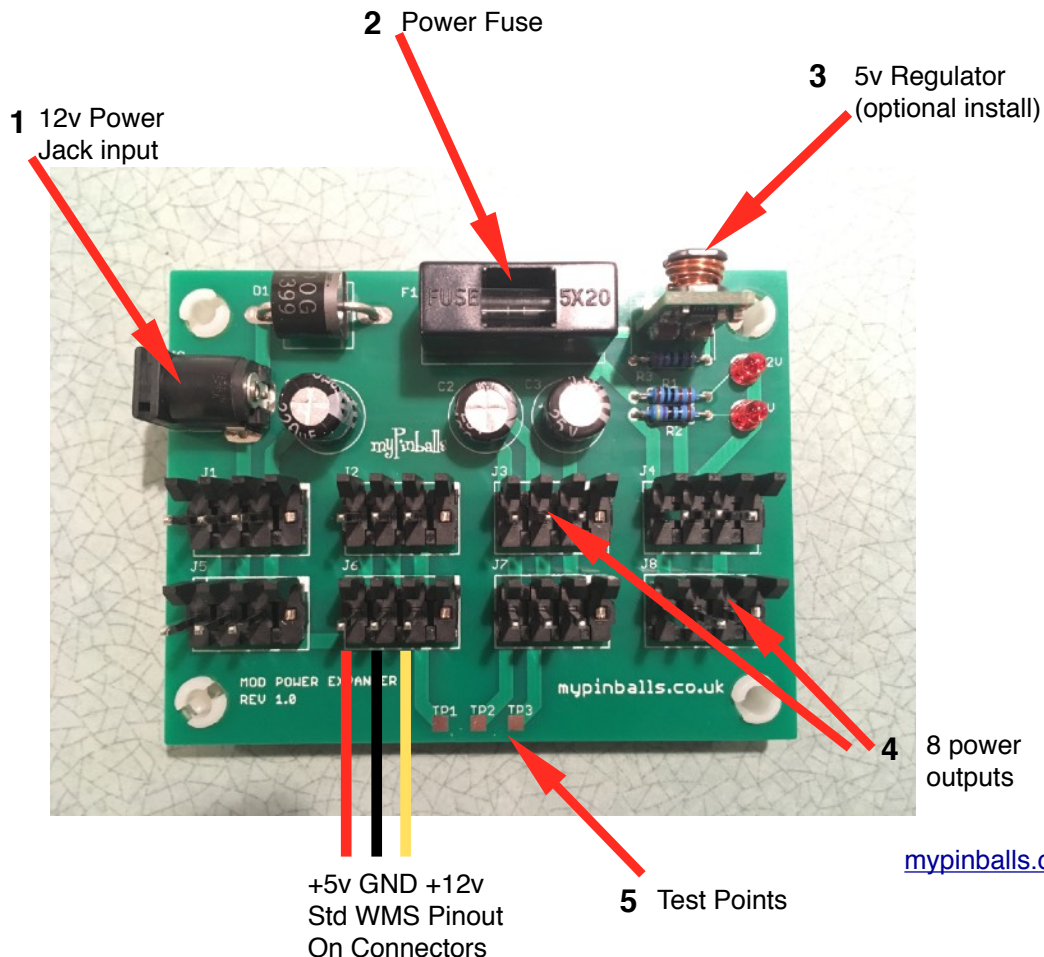
The board includes various leds to assist connection and troubleshooting. Please see below for a description.

LEDs, Voltages & Fuses	
5V LED	+5V Power output to board connectors (if parts installed)
12V LED	+12v Power output to board connectors
F1 Fuse	4A Slow Blow Fuse. Main power input protection

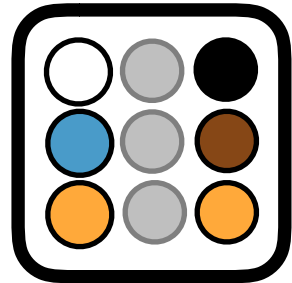## Main Power Output Board Installation

The main board should be installed in the backbox in a suitable location. The bottom right hand corner on the base of the back is a good area. The power lead can be fed up to the boards jack socket easily if installed here.
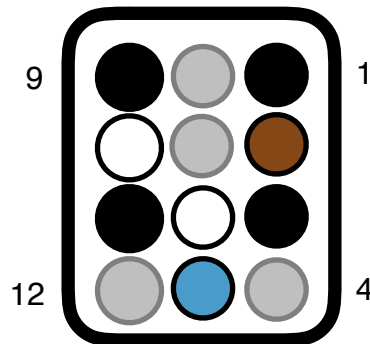
The board's layout is as follows:

2 Power Fuse

3 5v Regulator (optional install)

1 12v Power Jack input

4 8 power outputs

+5v GND +12v
Std WMS Pinout
On Connectors

5 Test Points

Power Supply Installation (For UK Wired Games ONLY)

The power supply should be installed in the base of the cabinet using the included power lead. The blue and brown cables should be connected to the cabinet transformer input connector in the following way:

WPC Pre 94

Rear of plug

9   1

WPC Post 94

12   4

Rear of plug

The earth cable (green) should be screwed to the ground point on the line filter box.

If your game is for a different line voltage i.e not 240VAC, then the power cable should be connected to the switched side of the main power switch inside the power filter box. The above diagram may not be how your plug is wired.

Important Safety Notes

○ Please take care when installing the power lead. Always make sure the game is switched OFF and the line plug isolated (turned off) before working on mains voltage cabling.
○ myPinballs Electronics will not be responsible for any injury, or damage caused to yourself and/or game if you install things incorrectly. Mains voltage is dangerous. Please be careful.