

MWA PRODUCTION JIG



NUMBER: MWA JIG-005

DATE CREATED: 29/7/2010

PRODUCT: MWA Receiver

CREATED BY: C.Coleman

DESCRIPTION: MWA PSU Switching / I²C Connection Jig

IMAGE #1:

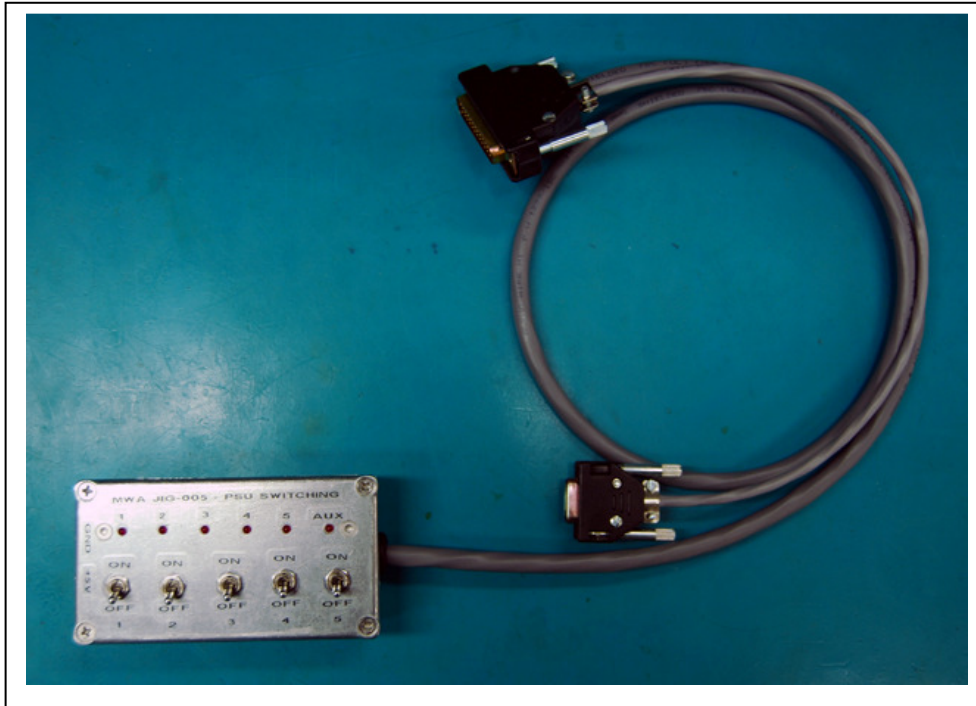
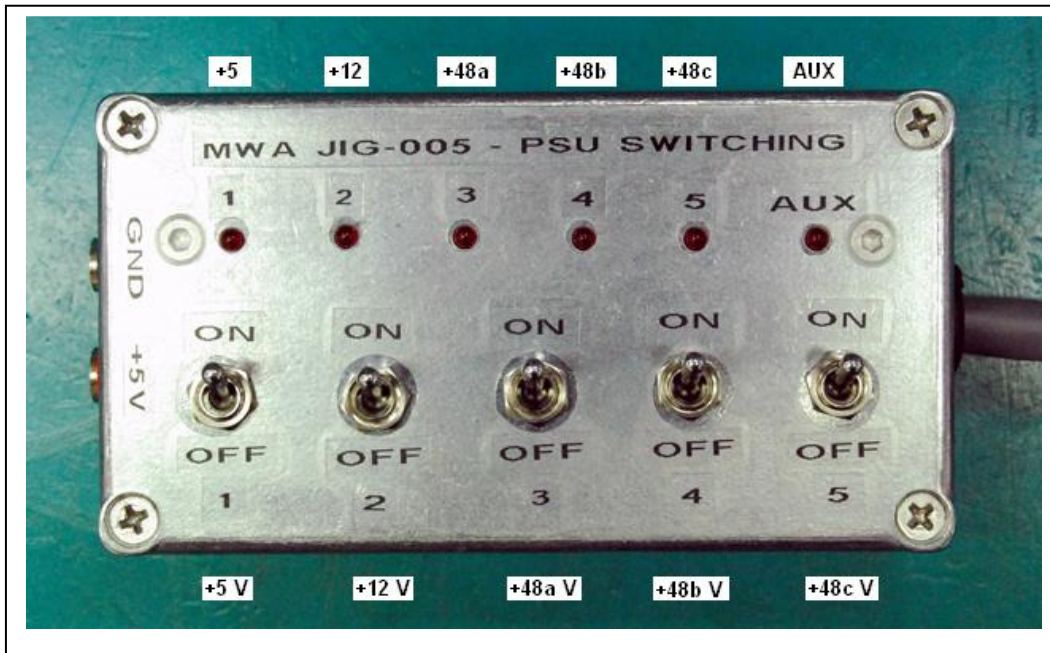


IMAGE #2:

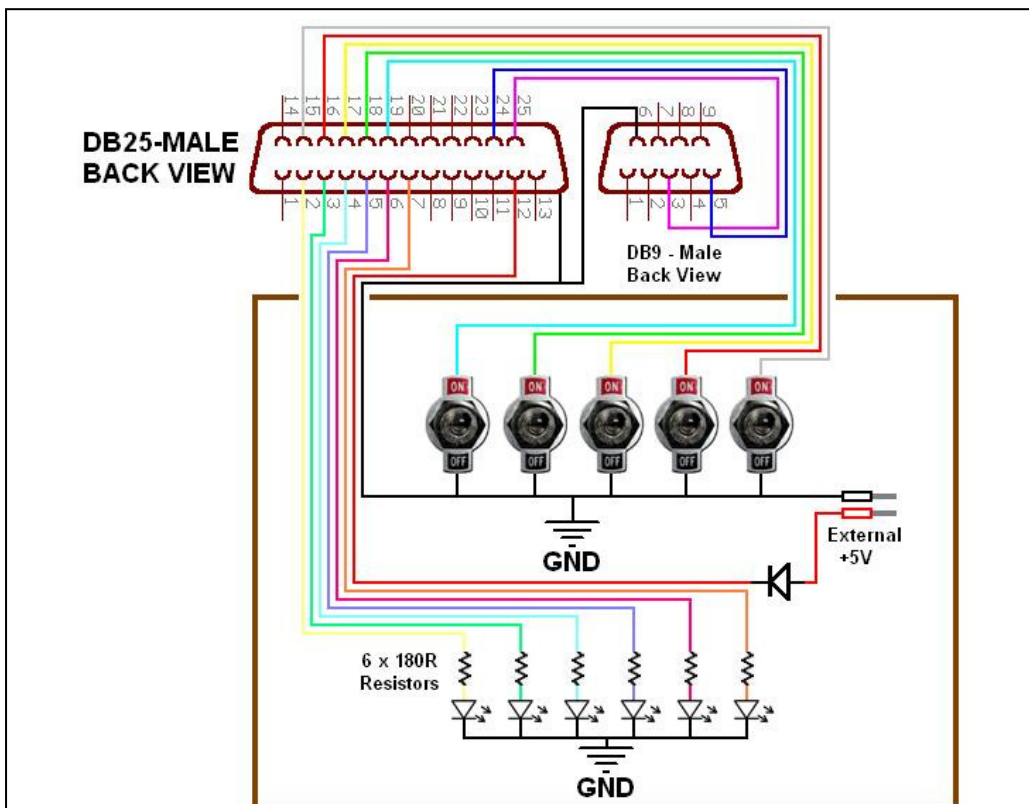


IMAGE #3:



WIRING DIAGRAM:

NOTES:



Original description for reference:

1. A D25 connector to mate with J1 and connected to a breadboard and to flying leads for connection to a bench PSU for 5V (series diode protected).
2. On the breadboard a set of DIP switches to allow pins 15, 16, 17, 18 & 19 to be selectively shorted to ground (to turn power supply units on) and,
3. A set of LEDs between pins 2, 3, 4, 5, 6 & 7 and ground to show state of “alarm” signals. LEDs will go out if ALARM condition exists, good supply = LED lit.
4. Make sure there is enough cable between the D25 and breadboard so that if required the PSU can be put in the environmental chamber with the breadboard outside.
5. Also put a connector on this JIG to allow I2C tester to be plugged into J1.

No Calibration Required.