

PARWELD DATA SHEET

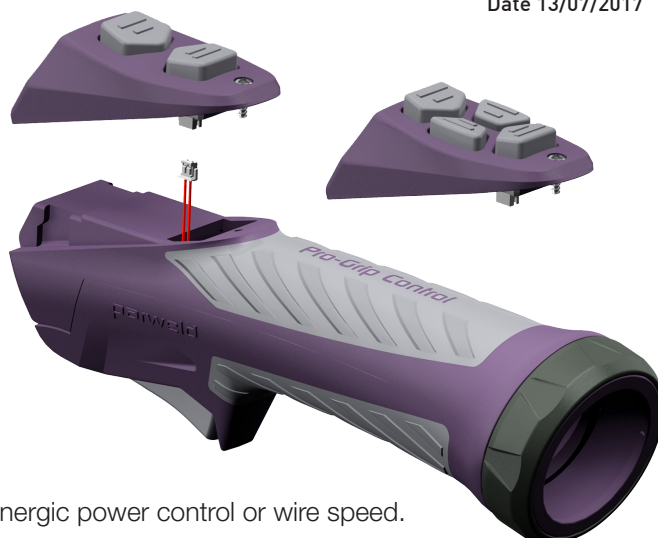
MIG Handle Control Modules

How it Works

The Control Modules use the existing trigger wires in the Euro Connector and work with the machines native voltage. They are connected with a Control Plug Assembly wired to the main trigger.

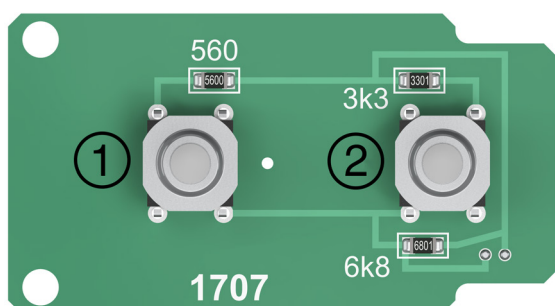
The Control PCB's have a set of Resistors each with a different value. When a Microswitch is pressed, it returns a unique voltage to the machine.

The power source requires additional simple logic to act on the different return voltages.



2 Button MIG Control PCB Assembly

Allows up / down control of a single predefined parameter such as synergic power control or wire speed.



View from Top

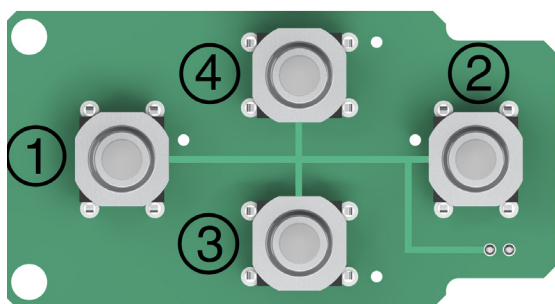
PCB Operating Resistance

No Operation = 6.8k Ω
Front Switch 1 Operation = 0.52k Ω
Rear Switch 2 Operation = 2.25k Ω

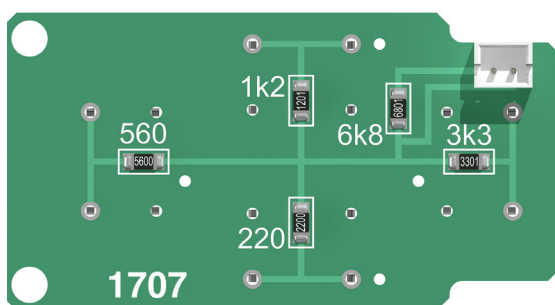
Control Plug Assembly connects the Module to the main trigger

4 Button MIG Control PCB Assembly

Allows the selection and adjustment of multiple parameters for complete remote control.



View from Top



View from Underneath

PCB Operating Resistance

No Operation = 6.8k Ω
Front Switch 1 Operation = 0.52k Ω
Rear Switch 2 Operation = 2.25k Ω
Left Switch 3 Operation = 1.02k Ω
Right Switch 4 Operation = 0.21k Ω

Wiring Diagram

