

Connecting the Synergy 2080

Installation

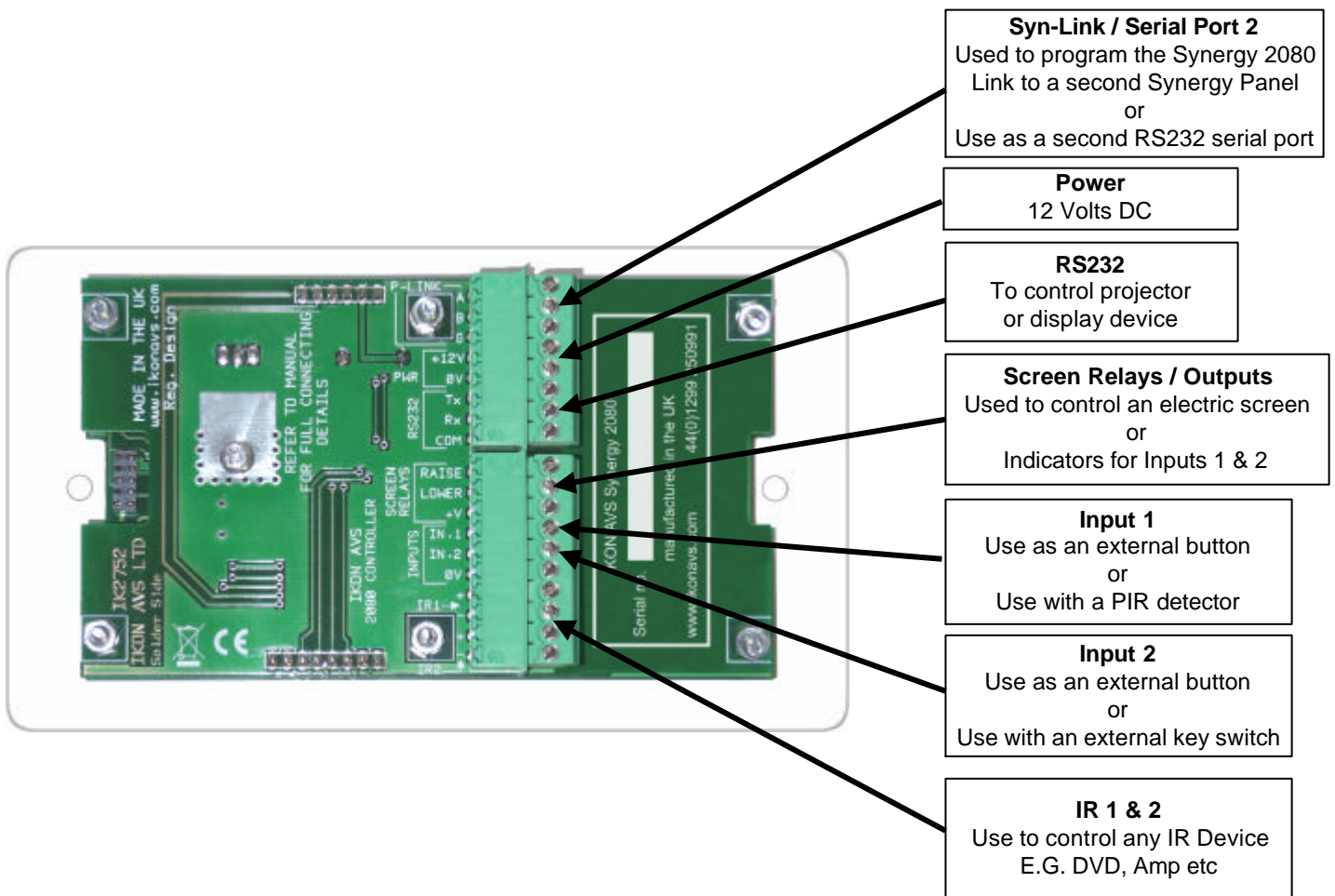
Mechanical installation and connection of the Synergy 2080 should be carried out before any power is applied. Synergy 2080's should not be used in areas of extreme heat or moisture.

The Synergy 2080 is designed for mounting into a standard UK back box with a minimum depth of 35mm. If possible a 47mm deep box is preferred.

Local Connections

All connections are by plug in screw terminals connectors.

Important: Please verify polarity of the DC power supply before powering.



Please see rear for connection details.

Connections

Syn-Link / Serial Port 2

Syn-Link	Computer Serial Port	Second Synergy Panel	AU4	2 nd RS232 Serial Port
A	Pin 2	B	Rx	Tx
B	Pin 3	A	Tx	Rx
G	Pin 5	G	Com	Com

Please note:

Serial port 2 is only available on versions 2081 & 2082

Power

Synergy 2080	DC PSU
+12V	+Volts
0V	0Volts

RS232

Synergy 2080	Projector or Display Device
Tx	Rx
Rx	Tx
Com	Com or Ground

Screen Relays

Synergy 2080	SPC-PP1	Indicators
RAISE	RAISE	0 Volts for Input 1
LOWER	LOWER	0 Volts for Input 2
+V	+V	12 Volts for Inputs 1 & 2

Please note:

Screen Relays Connection are to be connected to external relays for control of an electric screen, like the SPC-PP1 unit. **Do not connect these connections directly to the electric screen.**

Inputs

Synergy 2080	Input 1	Input 2
IN.1	IN.1	IN.2
0V	0V	0V

Please note:

Inputs 1 & 2 are for external switches, key switches and PIR Detectors relay outputs. **Do not connect any voltages to these inputs.**

IR Outputs

Synergy 2080	IR1	IR2	IR Emitter
+	+	+	+
-	-	-	-