

DMX CONTROL CHANNEL FUNCTIONS

The SOLO 250 uses 10 DMX channels. They are listed in the following table.

CHANNEL	DMX VALUE	DESCRIPTION
1 Gobo	0-33	Open/Clear (5-7: for 5 seconds) Soft reset – See Note
	34-66	Gobo 1
	67-99	Gobo 2
	100-132	Gobo 3
	133-165	Gobo 4
	166-199	Gobo 5
	200-232	Gobo 6
	233-255	Gobo 7
2 Gobo rotation	0-8	Stop
	9-163	9-163 Rotate in clockwise direction step by step 163-9 Rotate in anti-clockwise direction step by step
	164-205	Rotate in clockwise direction from slow to fast
	206-213	Stop
	214-255	Rotate in anti-clockwise direction from slow to fast
3 Colour	0-27	White
	28-55	Colour 1
	56-83	Colour 2
	84-111	Colour 3
	112-139	Colour 4
	140-167	Colour 5
	168-195	Colour 6
	196-223	Colour 7
	224-251	Colour 8
252-255	Colour 9	
4 Strobe/Shutter	0-10	Black-out
	11-195	Open gradually from black to full open (dimming)
	196-251	Strobe adjust from slow to fast
	252-255	Open
5 Pan	0-255	Pan movement from 0° to 370°
6 Tilt	0-255	Tilt movement from 0° to 265°
7 Focus	0-255	Stepless focus
8 Prism	0-31	Clear
	32-48	Prism static
	49-127	Prism rotate in anti-clockwise direction step by step
	128-189	Prism rotate in anti-clockwise direction from slow to fast
	190-193	Prism static
	194-255	Prism rotate in clockwise direction from slow to fast
9 Pan 16BIT	0-255	16 Bit Pan resolution
10 Tilt 16BIT	0-255	16 Bit Tilt resolution

Note:

Soft Reset – If the DMX value sent on this channel (1) stays in the range from 5 to 7 for more than 5 seconds, the projector will start a reset sequence (Remote Requested Reset). The electronics are re-started and all motors moved to their home positions exactly as they do when the power is first switched on but the lamp is not switched off in this sequence, although the beam will be blacked out.

The channels 9 and 10 are only available when the Setup Option 6 is “ON”. When Setup Option 2 is “ON”, Pan movement is in anti-clockwise direction. When Setup Option 1 is “ON”, Tilt movement is in anti-clockwise direction. For the exact setting please refer to “Setup Options” section.