SPX LED WW DMX Control Modes

The following mode is the simplest mode and it is optimised for use on simple consoles. No fixture library is required as a single DMX channel controlling the intensity. In this mode there is no remote control of the fan and is ideal for simple manual DMX consoles.

8 Bit Control (Normal)

DMX	Parameter	Range DMX	Range %	Defaults*	Description
1	Intensity	0 - 255	0 - 100%	0	8-bit control for Intensity of LED settings.

The following mode is a slightly more advanced mode. Again primarilly designed for use on simple manual consoles. but where fan control is required. Again no fixture library will normally required. The intensity is controlled by a single DMX channel, with the fan control being provided by a second independent DMX channel. By the fan using an independent address (the default is DMX 511) allows the fan to be controlled by another intensity controller on most consoles. As this fan address is totally independent of the intensity address, by default it allowing several fixtures to share the same fan address. This then give you control of all fans of several fixtures using only one DMX address, while keeping each intensity on separate addresses.

8 Bit Control (Advanced)

DMX	Parameter	Range DMX	Range %	Defaults*	Description
1	Intensity	0 - 255	0 - 100%	0	8-bit control for Intensity of LED settings.
511*	Fan Control	0 - 255	0	0	Quiet fan
					Normal fan
			255		Auto Fan

*511 is the default but can be set by the user to any value from the onboard menu.

The following mode gives full control and 16 bit operation of the fixture. A fixture library is normally required for your console to control the fixture in this mode as it is designed for use on more advanced consoles.

16 Bit Control (Enterprise)

DMX	Parameter	Range DMX	Range %	Defaults*	Description
1	Intensity MSB	0 - 65535	0 - 100%	0	High Byte for Intensity of LED settings.
2	Intensity LSB				Low Byte for Intensity of LED settings.
3	Response Time	0 - 255	0	0	Tungsten Slow
			255		LED Fast
4	Fan Control	0 - 255	0	0	Quiet fan
					Normal fan
			255		Auto Fan