

Operating Voltage

<u>SB3K:</u>	<u>VOLTS</u>	<u>AMPS</u>	<u>HZ</u>	<u>•</u>
AC Input:	120/208	20	60	3
	220/380	10	50/60	3
	or			
	240/415	10	50	3
AC Control:	120	5	50/60	1
DC Output:	30	100		

<u>SB5-7K:</u>	<u>VOLTS</u>	<u>AMPS</u>	<u>HZ</u>	<u>•</u>
AC Input:	120/208	28	60	3
	220/380	14	50/60	3
	or			
	240/415	14	50	3
AC Control:	120	5	50/60	1
DC Output:	40	125-165		

<u>SB8K:</u>	<u>VOLTS</u>	<u>AMPS</u>	<u>HZ</u>	<u>•</u>
AC Input:	120/208	30	60	3
	220/380	15	50/60	3
	or			
	240/415	15	50	3
AC Control:	120	5	50/60	1
DC Output:	45	175		

* All Syncrolite 3-phase instruments provide 120VAC single phase control/fan power to the lamphead via auto transformer in the Syncrolite ballast regardless of external power provided.

<u>MX1000:</u>	<u>VOLTS</u>	<u>AMPS</u>	<u>HZ</u>	<u>•</u>
AC Input:	120/208	10	60	3
	220/380	5	50/60	3
	or			
	240/415	5	50	3
AC Control:	120	5	50/60	1
DC Output:	90	9.5		

Power



US 6-Way Distro

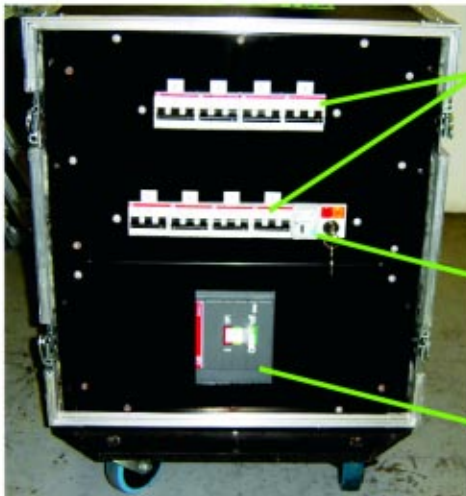


US 9-Way Distro

3X30A 3-prong

Camlocks

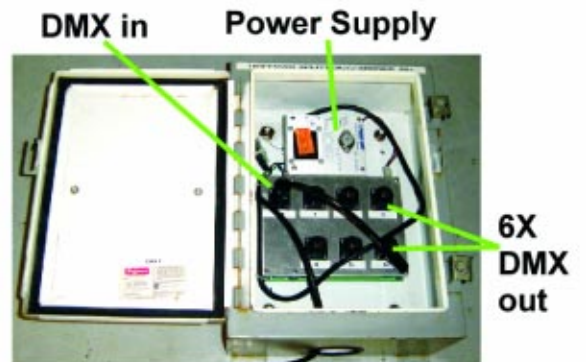
Euro Distro



Breakers

Ground Fault Disconnect

Main Disconnect



DMX in

Power Supply

6X DMX out

Hoffman Box DMX Distro for SS7K



C-Form Connectors

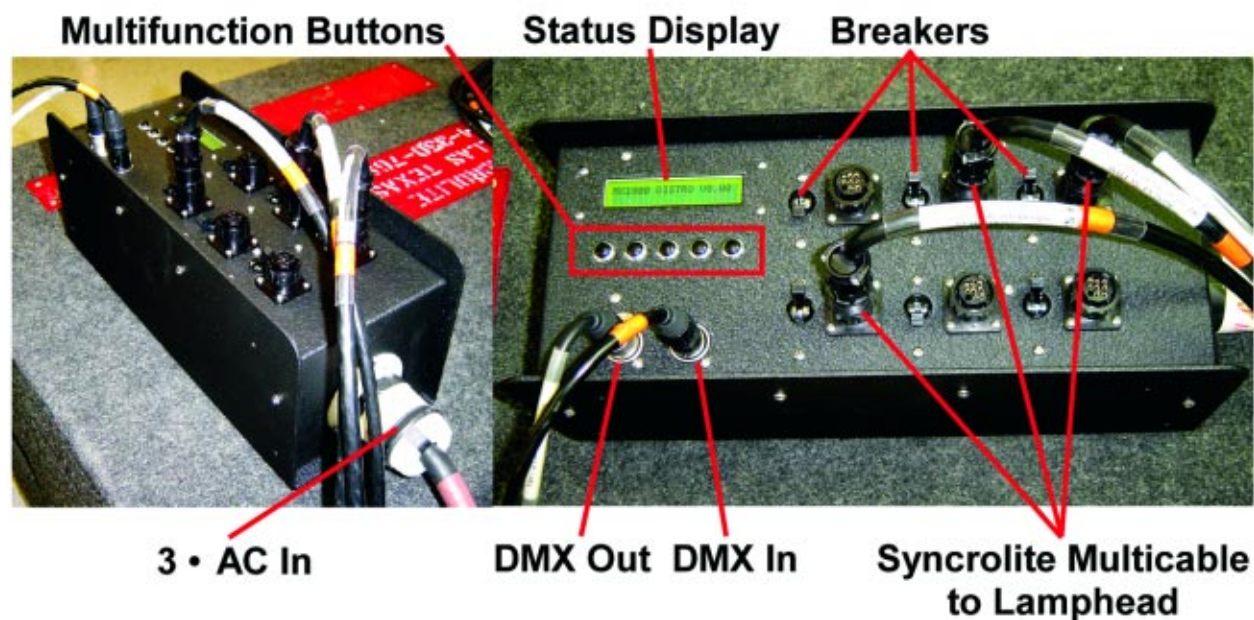
PowerLocks

C-Form to Hubbel Cable (Euro Only)



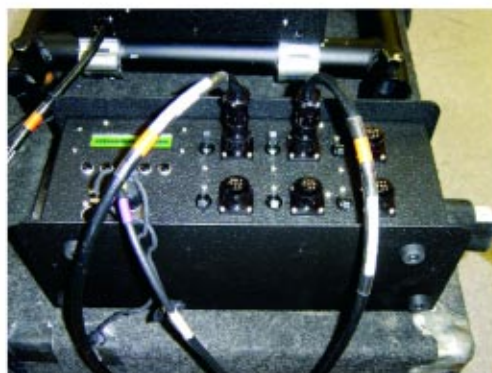
MXs/pD

The MXs/pD is the power and signal distro for the MX Series Xenon Skylights. The MXp/sD accepts power via a Hubbel 8/5 3-phase AC input and distributes AC power to the individual lampheads via a proprietary Syncrolite 9-pin multicable. Data is input via standard 5-pin DMX. The DMX signal is also routed to the lampheads through the Syncrolite 9-pin multicable. Each MXs/pD also features a DMX pass-through for the purpose of daisy-chaining additional units.



For troubleshooting, each unit also contains an onboard menu accessed through five multifunction buttons beneath the liquid crystal status display. This menu can provide diagnostics, status monitoring, calibration, and such functions as remote lamp strike.

The unit to the right is shown with available rubber feet for ground use.



Metering Power

Metering power is essential. Recommended tools include a digital multimeter as well as both AC and DC amp probes. In addition to confirming adequate voltage for AC power, individual legs should be checked for load balance and ground and neutral should be checked for induced voltage/current.

Normal operating voltages are as follows:

US 208-200VAC

Europe/Asia 380-415VAC

You should also monitor DC output to the lamphead and adjust ballast taps accordingly. Long cable runs may attenuate power and require boosting ballast output. Normal current to the lamphead is as follows:

3K 100DCA

5K 135DCA

7K 160DCA

8K 175DCA