Home Page | Back to Product Page |

ELLIPSOIDAL STROBE MODULE

Installation and Operating Instructions

MODELS		
120V 240V		
(0480/0464)	ESM-DMX-A	(ALTMAN 360Q HEAD)
(0481/0464)	ESM-DMX-S4	(ETC SOURCE 4 HEAD)

IMPORTANT: Read all instructionsbefore installing or operating strobe. For continued protection againstelectrical shock, always connect the green or green/yellow (ground) wireto a suitable ground or plug into a grounded outlet.

WARNING: Never look directly into flash tube! Always unplug the strobe from its power source and allow ample time for the lamp to cool before replacing! Replace only with Diversitronics, Inc. #6095 Lamp. Hazardous voltage inside. Do not expose to rain or moisture. Do not remove any screws or cover! Not for residential use. Keep front of strobe at least 3 feet from any flammable material. Always use safety cables when mounting fixtures. Never run power control wires in the same conduit. Always refer servicing to qualified service personnel!

INSTALLATION DIAGRAM

ANALOG INPUT JACK: (4 PIN MODULAR HANDSET JACK) RC-A remote connects directly to this jack. However, any zero to ten volt source can be connected using the pigtail connectors provided.

Yellow Pin 1 = Intensity control
Green Pin 2 = Rate control
Red Pin 3 = +12 Volt (60ma Source)
Black Pin 4 = Common

ANALOG OUTPUT JACK: (4 PIN MODULAR HANDSET JACK) Provides a convenient way to slave additional fixtures from one control. Maximum number of fixtures is ten. Maximum length is 1000 feet.

DMX INPUT CONNECTOR: (5-pin XLR) Standard DMX connector inputs DMX signal to unit.

DMX OUTPUT CONNECTOR: (5-pin XLR) Provides an active driven DMX source to additional fixtures.

DMX CHANNEL SELECT DIP SWITCH: This sets the strobe to respond to a given pair of DMX channels. Set it to the DMX channel you want thestrove Intensity Control to respond. Rate control will automatically respondto the next channel. For example, if you want the strobe to respond to DMXchannels 148 (Intensity) & 149 (Rate) set DIP switch as follows: (See Diagram)

		128 **+16** **+4** **------**
OFF	**ON**	**148**
#		256
	#	128
#		64
#		32
	#	16
#		8
	#	4
#		2
#		1

Back to Top

POWER LED: This LED lights when main power is applied to thestrobe.

STATUS LED: This LED blinks with the flash signal and stays on continuously when a temperature overload exists.

SPEED RANGE: 15 FLASHES / SECOND FASTEST / 15 FLASHES / MIN SLOWEST
Single Flash Operation can be performed by bumping the intensitychannel with Rate Off.

HYPERFLASH: The intensity channel must be off to activate HYPERFLASH. Bumping the Rate Channel with intensity Off will trigger a HYPERFLASH. Five different effects can be triggered depending on the rate channel level (see table below)

Rate Input Level	SETTING	HYPERBLAST EFFECT	Recycle Time
1 - 20%	10%	Continuous	Continuous
21 - 40%	30%	Lightning	1/2 second
41 - 60%	50%	Fade Off	1.4 seconds
61 - 80%	70%	Crossfade	2.25 seconds
61 - 100%	90%	Hyperflash	1/2 second

POWER DRAW: 120 Volt 3 AMP / 240 Volt 1.5 AMP at maximum rate & intensity

Back to Top