

**Helicopter DMX
Addresses**

HELICOPTER 2400 W - TECHNICAL SPECIFICATIONS

DMX CHANNEL

HELICOPTER is controlled through the standard DMX 512 USITT 90 protocol:

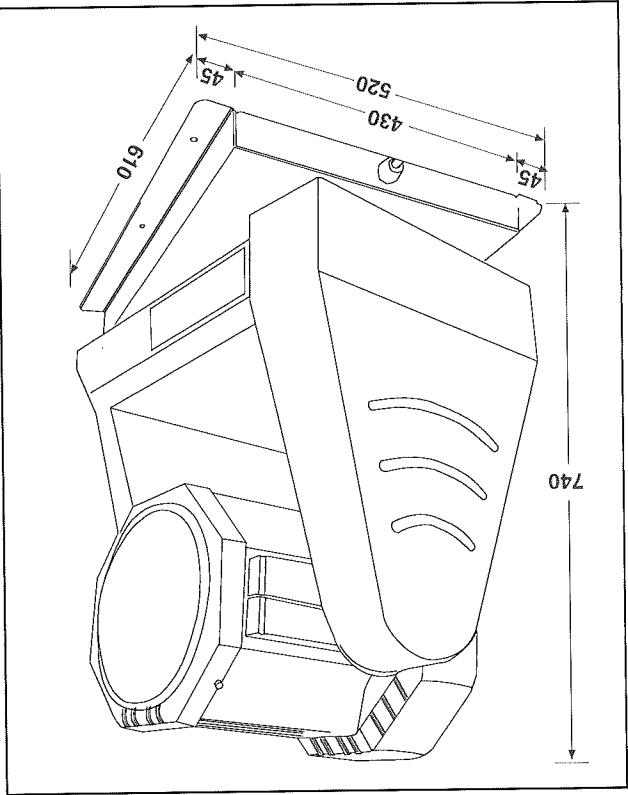
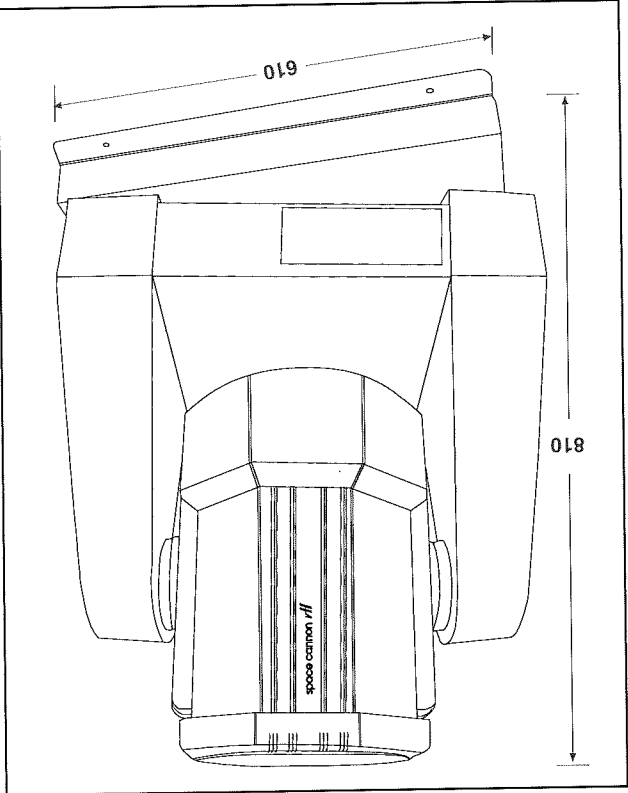
MANUALLY by an external standard control desk;
SERIES OF TWO OR MORE by the "Space Composer" external control desk.
The order of the channels shown in the list can be modified at any time by the on-board computer, depending the special needs of the customer.

LAMP

- 2400 W custom Space Cannon
- Xenon light source

HELICOPTER 2400 DMX Channel Assignment		
DMX Channel	Function	
Channel 1	Zoom	
Channel 2	Lamp ON / OFF	
Channel 3	SHUTTER	
Channel 4	DMX	
Channel 5		
Channel 6		
Channel 7		
Channel 8		
Channel 9		
Channel 10	Spin	Spin = high speed
Channel 11	SYNCHRO	
Channel 12	RESET	
Channel 13	SPEED	

See attached sheet for DMX channel assignments



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Helicopter – 2000 Watt white

Channel 1	Not used
Channel 2	Not used
Channel 3	Not used
Channel 4	.....	Zoom
Channel 5	.....	Lamp ON/OFF
<u>Setting DMX value at 50% allows operation of all functions without igniting lamp</u>		
Channel 6	.....	shutter
Channel 7	.....	dimmer
<u>Electronic dimming of the lamp. Range is aprox. 25% of lamp intensity</u>		
Channel 8	.....	strobe
Channel 9	.....	Pan
<u>0 to 50 % is clockwise rotation. 51 to 100 % is anti-clockwise rotation.</u>		
Channel 10	.....	Pan high resolution
Channel 11	.....	Tilt
<u>0 to 50 % is tilt in one direction from vertical. 51 to 100 % is tilt in opposite direction from vertical</u>		
Channel 12	.....	Tilt high resolution
Channel 13	.....	Pan speed
<u>0% is slowest with 100% value at highest speed rate</u>		
Channel 14	.....	Synchro
Channel 15	.....	Reset
Channel 16	.....	speed

Note:
When changing direction of pan or tilt at high speed, the DMX value must be set to 50% to slow the motion before setting the DMX value for the new direction. This reduces the torque on the pan or tilt motors.