Vue™ 6.1

Snapshot

Ok on Dimmer	🚫
Outdoor OK	🚫
Sound Activated	✓
DMX512	✓
Master/Slave	✓
Autoswitching Transformer	✓
Replaceable Fuse	✓
User Serviceable	🚫
Duty Cycle	🚫

USER MANUAL
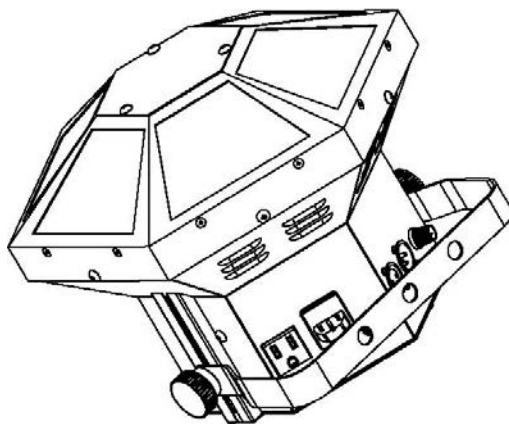
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1. BEFORE YOU BEGIN

What is Included

- ➢ 1 x Vue™ 6.1
- ➢ Power Cord
- ➢ Warranty Card
- ➢ User Manual

Unpacking Instructions

Immediately upon receiving a fixture, carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

AC Power

This fixture has an auto-switching power supply that can accommodate a wide range of input voltages. The only thing necessary to do before powering on the unit is to make sure the line voltage you are applying is within the range of accepted voltages. This fixture will accommodate between 100V and 240V AC. All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used solely for a 0% to 100% switch.

Safety Instructions

Please read these instructions carefully, which includes important information about the installation, usage and maintenance of this product.

- Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only!
- To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 50cm (20in) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Always disconnect from power source before servicing or replacing lamp or fuse and be sure to replace with same lamp source.
- Secure fixture to fastening device using a safety chain. Never carry the fixture solely by its head. Use its carrying handles.
- Maximum ambient temperature (Ta) is 104°F (40°C). Do not operate fixture at temperatures higher than this.
- In the event of a serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Don't connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Avoid direct eye exposure to the light source while it is on.
- Do not link more than 20 @120V and 35@230V.

Caution!   ***There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, contact CHAUVET® at: 954-929-1115.***

2. INTRODUCTION

Features

- 6-channel DMX-512 rotating LED moonflower
- Blackout/static/strobe
- Individual control of red, green, and blue LEDs within each cluster
- Built-in automated programs via master/slave or DMX
- Built-in sound activated programs via master/slave or DMX

Additional Features

- Linkable with Vue™ 1.1
- Adjustable hanging bracket with slide rail
- Additional power output: max 20 units @ 120V

DMX Channel Summary

CHANNEL	FUNCTION
1	Mode
2	Pod 1
3	Pod 2
4	Pod 3
5	Strobe Speed
6	Motor Speed

Product Overview

Bracket Adjustment Knob

Hanging Bracket

Digital Display

Microphone

Mode

Enter

Up

Down

Power

Signal

SOUND

AC Power Input & Fuse

Power Output Connector

POWER LINK OUTPUT

POWER IN

Sound Sensitivity Knob

MAX

MIN

DMX Input Connector

DMX Output Connector
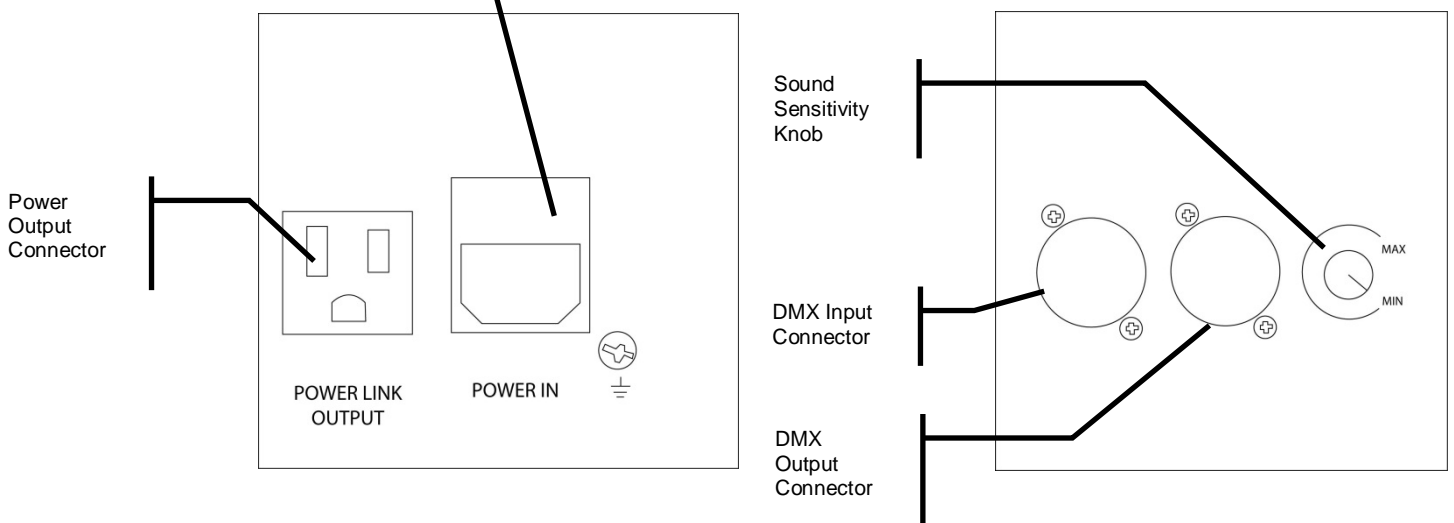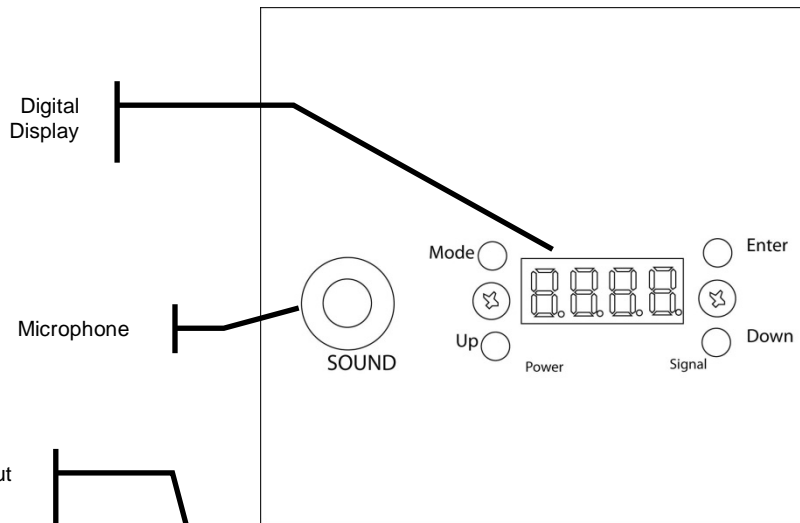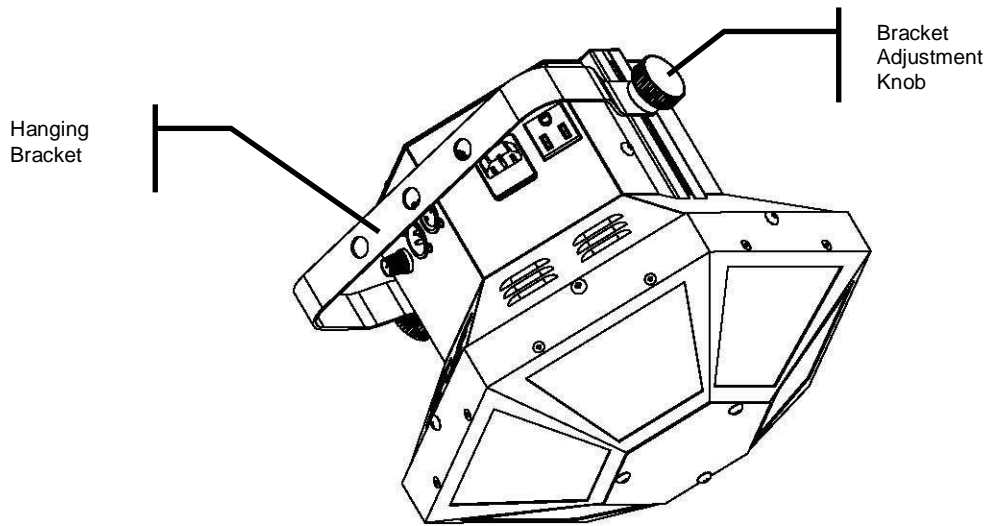
3. SETUP

! Disconnect the power cord before replacing a fuse and always replace with the same type fuse. !

Fuse Replacement

With a flat-head screwdriver wedge the fuse holder out of its housing. Remove the damaged fuse from its holder and replace with exact same type fuse. Insert the fuse holder back in its place and reconnect power.

The fuse is located inside this compartment. Remove using a flat-head screwdriver.
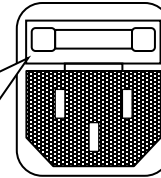
Data Linking

You will need a serial data link to run light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows on two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

This fixture uses 9 channels of DMX control.

Important: Fixtures on a serial data link must be daisy chained in one single line. To comply with the EIA-485 standard no more than 32 devices should be connected on one data link. Connecting more than 32 fixtures on one serial data link without the use of a DMX optically-isolated splitter may result in deterioration of the digital DMX signal.

Maximum recommended serial data link distance: 500 meters (1,640 ft.)
Maximum recommended number of fixtures on a serial data link: 32 fixtures

DMX Linking

1. Connect the (male) 3-pin connector side of the DMX cable to the output (female) 3-pin connector of the first fixture.

2. Connect the end of the cable coming from the first fixture which will have a (female) 3-pin connector to the input connector of the next fixture consisting of a (male) 3-pin connector. Then, proceed to connect from the output as stated above to the input of the following fixture and so on.

Mounting

Orientation

This fixture may be mounted in any safe position provided there is adequate room for ventilation.

Rigging

It is important never to obstruct the fan or vents pathway. Mount the fixture using, a suitable "C" or "O" type clamp. Adjust the angle of the fixture by loosening both knobs and tilting the fixture. After finding the desired position, retighten both knobs.

Hanging Clamp

When selecting installation location, take into consideration lamp replacement access and routine maintenance.

Safety cables should always be used.

Never mount in places where the fixture will be exposed to rain, high humidity, extreme temperature changes or restricted ventilation.

Note!
Clamp is sold separately.

4. OPERATING INSTRUCTIONS

Menu Functions

MAIN FUNCTION	SELECTION	INSTRUCTION
SET.d	d:001-d:512	Sets the DMX starting address
SET.S	S:001-S:100	Sets the speed of the current program
SET.f	F:000-F:100	Sets the flash rate of the current program
SET.A	A:000-A:035	Selects the current program in standalone
SUND		Indicates the fixture is operating in sound activation mode
AUTO		Indicates the fixture is operating in auto activation mode

Navigating the Menu

1. Press Mode to scroll through the menu options.
2. Press Enter to select a function to modify.
3. Use the Up and Down buttons to modify the selected menu function.

Standalone Mode (Sound-Active, Auto Mode):

This mode allows a single unit to run to the beat of the music, or the unit will auto change in Auto Mode. There is an LED indicator on the rear of the fixture which will indicate this mode.

1. Use **SET.A** to choose the desired program.

2. Use **SET.S** to set the speed of the current program

3. Use **SET.f** to set the flash rate of the current program.

   Note: when there is no sound available, then the unit will automatically switch to auto mode. To change it into auto mode when there is sound present, then simply turn the sound adjustment knob fully counter-clockwise.

   Note: In the absence of DMX signal, the fixture will automatically revert to standalone mode. Plugging in a DMX cable that is connected to a DMX controller will automatically disable standalone mode and put the fixture into DMX mode.

   Note: In sound-active mode, the display will read **SUND***.*

- The unit will react to the low frequencies of music via the internal microphone in Sound Active mode, or the unit will auto change in Auto Mode.

- Use the audio sensitivity knob on the back of the unit to make the unit more or less sensitive in Sound-Active mode. Turning the knob counterclockwise decreases the sensitivity; turning the knob clockwise increases the sensitivity.

Master/Slave Mode (Master Sound, Master Auto):

This mode will allow you to link up to 32 units together without a controller. The first fixture in the daisy chain will automatically be assigned as the master, and each fixture following will be assigned as slave fixtures.

Note: for this mode, you must not connect a DMX controller to the fixtures.

Note: In sound-active mode, the display will read **SUND***.*

1) Use standard DMX cables to daisy chain your units together via the DMX connector on the rear of the units. For longer cable runs we suggest a terminator at the last fixture. For more information about terminators, see page 14.

DMX Mode

This mode allows the unit to be controlled by any universal DMX controller. If you are unfamiliar with DMX, please read the DMX Primer section in the appendix. The fixture will automatically switch to DMX mode when it sees the signal from a DMX controller.

Note: In the absence of DMX signal, the fixture will automatically revert to standalone mode. Plugging in a DMX cable that is connected to a DMX controller will automatically disable standalone mode and put the fixture into DMX mode.

1. Plug in your DMX controller to the fixture to put in into DMX mode.
2. Set your address by **SET.d.**
3. Press Enter.
4. Use the Up and Down buttons to scroll to the desired DMX starting address.
5. Press Enter.

DMX Channel Values

CHANNEL	VALUE	FUNCTION
1		**Control/Operating Mode**
	000 ⇔ 024	Dimmer mode
	025 ⇔ 049	Stand-alone mode 1 (automatic)
	050 ⇔ 074	Stand-alone mode 2 (automatic)
	075 ⇔ 099	Stand-alone mode 3 (automatic)
	100 ⇔ 124	Stand-alone mode 4 (automatic)
	125 ⇔ 149	Stand-alone mode 5 (automatic)
	150 ⇔ 174	Stand-alone mode 6 (automatic)
	175 ⇔ 199	Stand-alone mode 7 (automatic)
	200 ⇔ 224	Stand-alone mode 8 (automatic)
	225 ⇔ 249	Stand-alone mode 9 (automatic)
	250 ⇔ 255	Stand-alone (sound active)
2-4		**Pod 1/2/3**
	000 ⇔ 004	Blackout
	005 ⇔ 009	Red
	010 ⇔ 014	Yellow
	015 ⇔ 019	Green
	020 ⇔ 024	Blue
	025 ⇔ 029	Purple
	030 ⇔ 034	Cyan
	035 ⇔ 039	White
	040 ⇔ 044	Auto 1
	045 ⇔ 049	Auto 2
	050 ⇔ 054	Auto 3
	055 ⇔ 059	Auto 4
	060 ⇔ 064	Auto 5
	065 ⇔ 069	Auto 6
	070 ⇔ 074	Auto 7
	075 ⇔ 079	Auto 8
	080 ⇔ 084	Auto 9
	085 ⇔ 089	Auto 10
	090 ⇔ 094	Auto 11
	095 ⇔ 099	Auto 12
	100 ⇔ 104	Auto 13
	105 ⇔ 109	Auto 14
	110 ⇔ 114	Auto 15
	115 ⇔ 119	Auto 16
	120 ⇔ 124	Auto 17
	125 ⇔ 129	Auto 18
	130 ⇔ 134	Auto 19
	135 ⇔ 139	Auto 20
	140 ⇔ 144	Auto 21
	145 ⇔ 149	Auto 22
	150 ⇔ 154	Auto 23
	155 ⇔ 159	Auto 24
	160 ⇔ 164	Auto 25
	165 ⇔ 169	Auto 26
	170 ⇔ 255	Auto 27
5		**Strobing Speed (Dimmer Mode)**
	000 ⇔ 005	Blackout
	006 ⇔ 255	Slow → Fast
6		**Motor Speed**
	000 ⇔ 005	Stop
	006 ⇔ 255	Slow → Fast

Setting the Starting Address

This DMX mode enables the use of a universal DMX controller device. Each fixture requires a start address from 1 to 512. Choose start addresses so that the channels used do not overlap, and note the start address selected for future reference. If you are unfamiliar with DMX, download the DMX Primer from www.chauvetlighting.com.

DMX Quick Reference Chart

DMX Address Quick Reference Chart																						
Dip Switch Position																						
DMX DIP SWITCH SET					#9	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
0=OFF					#8	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
1=ON					#7	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
X=OFF or ON					#6	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
#1	#2	#3	#4	#5																		
0	0	0	0	0			32	64	96	128	160	192	224	256	288	320	352	384	416	448	480
1	0	0	0	0		1	33	65	97	129	161	193	225	257	289	321	353	385	417	449	481
0	1	0	0	0		2	34	66	98	130	162	194	226	258	290	322	354	386	418	450	482
1	1	0	0	0		3	35	67	99	131	163	195	227	259	291	323	355	387	419	451	483
0	0	1	0	0		4	36	68	100	132	164	196	228	260	292	324	356	388	420	452	484
1	0	1	0	0		5	37	69	101	133	165	197	229	261	293	325	357	389	421	453	485
0	1	1	0	0		6	38	70	102	134	166	198	230	262	294	326	358	390	422	454	486
1	1	1	0	0		7	39	71	103	135	167	199	231	263	295	327	359	391	423	455	487
0	0	0	1	0		8	40	72	104	136	168	200	232	264	296	328	360	392	424	456	488
1	0	0	1	0		9	41	73	105	137	169	201	233	265	297	329	361	393	425	457	489
0	1	0	1	0		10	42	74	106	138	170	202	234	266	298	330	362	394	426	458	490
1	1	0	1	0		11	43	75	107	139	171	203	235	267	299	331	363	395	427	459	491
0	0	1	1	0		12	44	76	108	140	172	204	236	268	300	332	364	396	428	460	492
1	0	1	1	0		13	45	77	109	141	173	205	237	269	301	333	365	397	429	461	493
0	1	1	1	0		14	46	78	110	142	174	206	238	270	302	334	366	398	430	462	494
1	1	1	1	0		15	47	79	111	143	175	207	239	271	303	335	367	399	431	463	495
0	0	0	0	1		16	48	80	112	144	176	208	240	272	304	336	368	400	432	464	496
1	0	0	0	1		17	49	81	113	145	177	209	241	273	305	337	369	401	433	465	497
0	1	0	0	1		18	50	82	114	146	178	210	242	274	306	338	370	402	434	466	498
1	1	0	0	1		19	51	83	115	147	179	211	243	275	307	339	371	403	435	467	499
0	0	1	0	1		20	52	84	116	148	180	212	244	276	308	340	372	404	436	468	500
1	0	1	0	1		21	53	85	117	149	181	213	245	277	309	341	373	405	437	469	501
0	1	1	0	1		22	54	86	118	150	182	214	246	278	310	342	374	406	438	470	502
1	1	1	0	1		23	55	87	119	151	183	215	247	279	311	343	375	407	439	471	503
0	0	0	1	1		24	56	88	120	152	184	216	248	280	312	344	376	408	440	472	504
1	0	0	1	1		25	57	89	121	153	185	217	249	281	313	345	377	409	441	473	505
0	1	0	1	1		26	58	90	122	154	186	218	250	282	314	346	378	410	442	474	506
1	1	0	1	1		27	59	91	123	155	187	219	251	283	315	347	379	411	443	475	507
0	0	1	1	1		28	60	92	124	156	188	220	252	284	316	348	380	412	444	476	508
1	0	1	1	1		29	61	93	125	157	189	221	253	285	317	349	381	413	445	477	509
0	1	1	1	1		30	62	94	126	158	190	222	254	286	318	350	382	414	446	478	510
1	1	1	1	1		31	63	95	127	159	191	223	255	287	319	351	383	415	447	479	511

Dip Switch Position   DMX Address

Troubleshooting Guide

Symptom	Possible Solution
One or more LEDs are not illuminating	Clean the fixture regularly to avoid any such failure. This fixture is convection cooled, which means that if the surface is kept clean and free of debris, then proper cooling will be allowed to occur An LED may have failed, resulting in an open circuit. In this event, all of the red, green, or blue in a single module will no longer illuminate. An LED may have failed, resulting in a short circuit. In this event, only the single LED which has failed will no longer function.
One or more LEDs are producing very low output	Check that the lens assembly is installed properly. If the lens assembly is not aligned properly over the LEDs, then they will not project fully
Breaker/Fuse keeps blowing	Check total load placed on the electrical circuit Check for a short in the electrical wiring: internal and/or external
Product will not Power On	Check device's fuse (internal) Check for power on Mains
Fixture is not responding to DMX	Check Control Panel settings for correct addressing Replace non-DMX cables with DMX cables Check polarity switch settings on the controller Check cable connections Call service technician
Loss of signal	Use only DMX cables Install terminator Note: Keep DMX cables separated from power cables or black lights
Standalone operation problem	Check settings
The motor is not rotating	This fixture uses a separate channel to operate the motor rotation. Try operating the fixture in standalone mode to determine if the problem is DMX related. If the motor still does not rotate, send the product for service

If you still have a problem after trying these solutions, contact CHAUVET® Technical Support at the location on the next page.

5. APPENDIX

Maintenance

To maintain optimum performance and minimize wear, products should be cleaned at least twice a month. Dust build up reduces light output performance and can cause overheating. This can lead to reduced lamp life and increased mechanical wear. Be sure to power off fixture before conducting maintenance.

Unplug fixture from power. Use a vacuum or air compressor and a soft brush to remove dust collected on external vents and internal components. Clean all glass when the fixture is cold with a mild solution of glass cleaner or Isopropyl Alcohol and a soft lint free cotton cloth or lens tissue. Apply solution to the cloth or tissue and drag dirt and grime to the outside of the lens. Gently polish optical surfaces until they are free of haze and lint.

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics. Clean with soft cloth using normal glass cleaning fluid. - Always dry the parts carefully. - Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.

Returns

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Merchandise Authorization Number (RMA #). Products returned without an RMA # will be refused. Call CHAUVET® and request RMA # prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. CHAUVET® reserves the right to use its own discretion to repair or replace product(s). FedEx packing or double-boxing are recommended.

Note: **If you are given an RMA #, please include the following information on a piece of paper inside the box:**

1) Your name

2) Your address

3) Your phone number

4) The RMA #

5) A brief description of the symptoms

Claims

Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise, not CHAUVET®. It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Any other claim for items such as missing component/part, damage not related to shipping, and concealed damage, must be made within 7 days of receiving merchandise.

Technical Specifications

WEIGHT & DIMENSIONS
Length .... 13 in (330 mm)
Width .... 13 in (330 mm)
Height .... 13 in (330 mm)
Weight .... 7.1 lbs (3.2 kg)

Light Source
Light Source .... 252 (108 red, 72 green, 72 blue) LEDs 100,000hrs

PHOTO OPTIC
Coverage Angle .... 110°

POWER
Auto-switching power supply .... 100V–240V 50/60Hz AC
Fuse 2A 250V
Power Consumption .... 40W (0.3A) Operating
Inrush Power .... (0.4A) Inrush

THERMAL
Maximum ambient temperature .... 104° F (40°C)

CONTROL & PROGRAMMING
Data input .... locking 3-pin XLR male socket
Data output .... locking 3-pin XLR female socket
Data pin configuration .... pin 1 shield, pin 2 (-), pin 3 (+)
Protocols .... DMX-512 USITT
DMX Channels 6

ORDERING INFORMATION
Vue™ 6.1 .... VUE6.1

WARRANTY INFORMATION
Warranty .... 2-year limited warranty

Contact Us

General Information

Chauvet Lighting
5200 NW 108th Avenue,
Sunrise, FL 33351 (U.S.A.)
voice: (954) 929-1115
fax: (954) 929-5560
toll free: 800-762-1084

Technical Support

Address: Service Dept.
5200 NW 108th Avenue, Sunrise, FL 33351 (U.S.A.)
Support (Email): tech@chauvetlighting.com
Telephone: (954) 929-1115 - **(Press 4)**
Fax: (954) 929-5560 - **(Attention: Service)**

Website: http://www.chauvetlighting.com