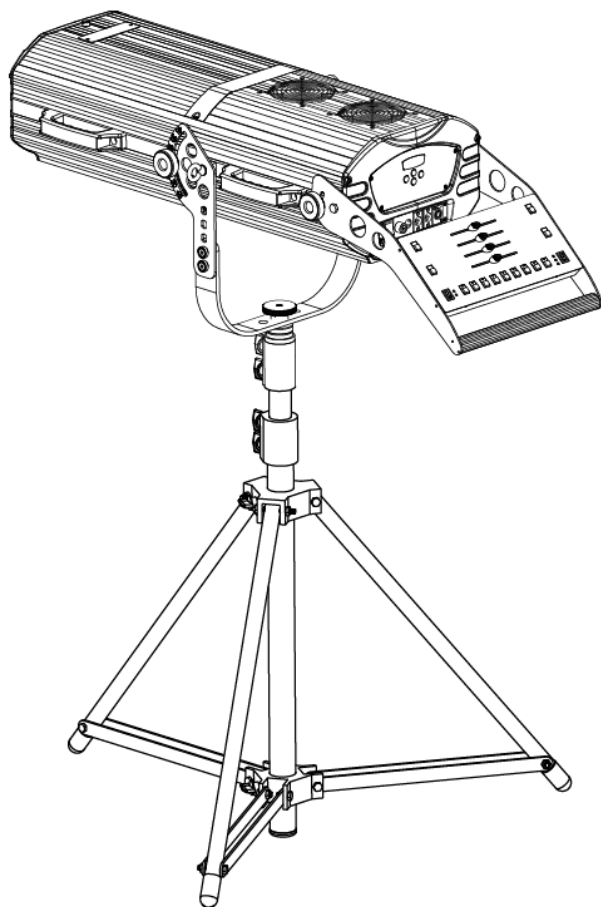


# ***Followspot*** ***1200***

## **Quick Start Guide**



**CHAUVET®**

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## 1. Before you Begin

### What is Included

- One Followspot 1200
- One External Console
- One Tripod
- One Flight Case
- One Warranty Card
- One Quick Start Guide

### About this Guide

This Followspot 1200 Quick Start Guide is a condensed version of the Followspot 1200 user manual, which users can download from CHAUVET® Web site ([www.chauvetlighting.com](http://www.chauvetlighting.com)).




### Unpacking

Immediately upon receiving a fixture, carefully unpack the road case. Check the contents to ensure that all parts are present, and have been received in good condition. If you have detected a problem, refer to the *Claims* section in the *Technical Information* chapter of the Followspot 1200 user manual for complete instructions on how to make a claim.

### Text Conventions

Convention	Meaning
1~512	A range of values
50/60	A set of mutually exclusive values in the text
<i>Claims</i>	A fixture function, a new term, a section or a chapter
<SET>	A key to be pressed on the fixture's control panel
<b>Settings</b>	A menu option
<b>MENU &gt; Settings</b>	A sequence of menu options to be followed
[1~10]	A range of menu values
<b>Yes/No</b>	A set of mutually exclusive menu options
<b>ON</b>	A value to be entered or selected

### Icons

Icons	Meaning
	This icon indicates critical installation, configuration or operation information. Failure to comply with this information may render the fixture partially or completely inoperative, damage third-party equipment, or cause harm to the user.
	This icon indicates important installation or configuration information. Failure to comply with this information may prevent the fixture from functioning correctly.
	Useful information.



The term “DMX” used throughout this document refers to the USITT DMX512-A transmission protocol.

# Before you Begin

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## Safety Notes

Please read the following notes carefully because they include important safety information about the installation, usage and maintenance of this product.



**The Followspot 1200 has no user serviceable parts inside it. Any reference to servicing this fixture you may find within this guide or the downloaded user manual will only apply to properly CHAUVET® certified technicians. Do not open the housing or attempt any repairs unless you are one of them.**



**Please refer to all applicable local codes and regulations for proper installation of the Followspot 1200.**



**Keep this guide and the user manual for future consultation. If you sell the Followspot 1200 to another user, make sure that they also receive these documents.**

## Personal Safety

- The Followspot 1200 housing weighs 94 lbs (42.6 kg). Always ask for help when mounting this fixture to avoid personal injuries or damage to the unit.
- Always connect the Followspot 1200 to a grounded circuit to avoid the risk of electrocution.
- Avoid direct eye exposure to the light source while the Followspot 1200 is on.
- Always disconnect the Followspot 1200 from its power source before servicing.
- Do not touch the Followspot 1200's housing when operating because it may reach up to 85° C.

## Mounting and Rigging

- This product is for indoor use only! To prevent risk of fire or shock, do not expose this product to rain or moisture.
- Make sure there are no flammable materials close to this product while operating.
- When hanging this fixture, always secure it to a fastening device using a safety cable (not provided).

## Power and Wiring

- Always make sure that you are connecting the Followspot 1200 to the proper voltage, as per the specifications in this manual or on the product.
- Never connect the Followspot 1200 to a dimmer pack.
- Never disconnect the power to the fixture by pulling or tugging on the power cable.
- Make sure the power cord is not crimped or damaged.

## Operation

- In case of a serious operating problem, stop using this product immediately!



**In the unlikely event that your Followspot 1200 may require service, please contact CHAUVET® Technical Support.**

## 2. Introduction

### Fixture at a Glance

Use on Dimmer	⊘	Auto Programs	⊘
Outdoor Use	⊘	208/230 V, 50/60 Hz	✓
Sound Activated	⊘	Replaceable Fuse	✓
DMX	✓	User Serviceable	⊘
Master/Slave	⊘	Duty Cycle	⊘

### Features

- Metal Halide 1200 W lamp
- 6-Channel DMX mode
  - Functions: shutter, iris, color, color temperature, dimmer and focus
- Color wheel 1:
  - 8 dichroic colors + white
  - Rainbow color spin at variable speeds
  - Split/linear colors
- Color wheel 2:
  - 2 dichroic colors + white
  - CTC filter: 3,200 K / Frost / Open
- Variable electronic iris (4~38°)
- Variable electronic dimmer (0~100%)
- Variable electronic focus
- Blackout shutter button

### Additional Features

- External control console
- Tripod
- Flight case

### DMX Summary

#### 6-channel Mode

Channel	Function
1	Shutter
2	Iris
3	Color
4	Color temperature
5	Dimmer
6	Focus

3. Setup

AC Power

The Followspot 1200 has two AC input voltage settings, 208 and 230 VAC, and two AC frequency settings, 50 and 60 Hz. The voltage and frequency settings require changing the connections on the corresponding terminal strip. See the *Voltage and Frequency Selection* section in this chapter.

Make sure that you are connecting the Followspot 1200 to the proper voltage, as per the specifications in this guide, the product's manual or on the product's sticker.



**Always connect the Followspot 1200 to a protected circuit with an appropriate electrical ground to avoid the risk of electrocution or fire.**

Power Requirements

To determine the power requirements for the Followspot 1200 see the sticker affixed to the product. Alternatively, you may refer to the *Technical Specifications* chart in the *Technical Information* chapter of this guide.

The listed current rating indicates the maximum current draw during normal operation. Please refer to the *Sizing the Circuit Breakers* section in the *Appendix* chapter of the Followspot 1200 user manual.

Power Cord

The Followspot comes with a bare ended power cord. Use the table below to wire the appropriate plug to the power cord.

Connection	Wire (US)	Wire (Europe)	Pin	Screw
AC Live	Black	Brown	1	Yellow/Brass
AC Neutral	White	Blue	2	Silver
AC Ground	Green/Yellow	Green/Yellow	3	Green



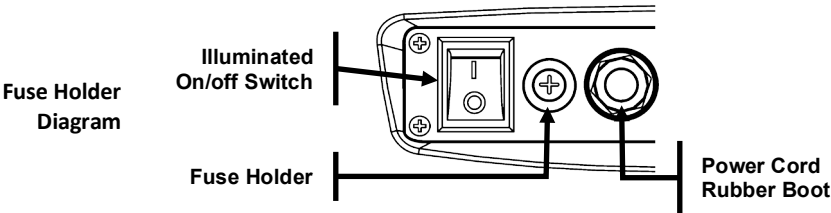
**Never connect the Followspot 1200 to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.**



**Make sure to disconnect the product's power cord before replacing a blown fuse, and always replace it with a fuse of the same type and rating.**

Fuse Replacement

- 1) With a Phillips #2 head screwdriver, unscrew the fuse holder cap from its housing.
- 2) Remove the blown fuse from the fuse holder cap and replace it with a good fuse of the exact same type and rating.
- 3) Screw the fuse holder cap back in its place and reconnect power.



Voltage & Frequency

The Followspot 1200 uses a single terminal strip to select the operating voltage and frequency. This operation only requires connecting two wires to a terminal strip, as indicated below.



**Do not connect the fixture to the power outlet without having selected the voltage and frequency first. Make sure that the circuit's voltage and frequency matches your selection to avoid unstable operation or damage to the fixture.**

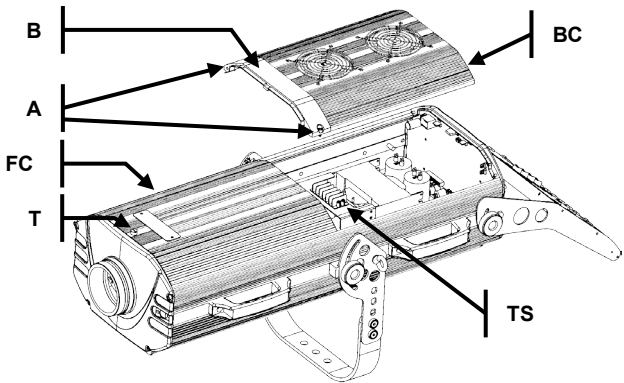


**Make sure that there is no power applied to the fixture before opening the fixture's housing.**

Opening the Fixture

- 1) Unfasten the thumbscrew (T) and slide the front cover (FC) slightly forward.
- 2) Unscrew the two Allen screws (A) and remove the bracket (B).
- 3) Carefully pick up and slide the back cover (BC) backward, making sure not to pull the wires that run from its fans to the Fan Control PCB inside the housing.

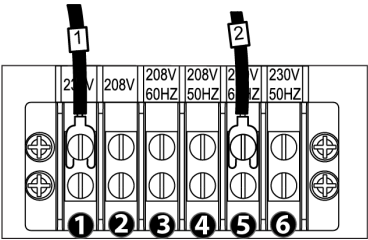
Cover Removal Diagram



Two black wires arrive to the terminal strip (TS). One wire labeled "1" and the other labeled "2."

- 1) Connect the black wires as needed per the table below, without reversing them.
- 2) Replace the covers.
- 3) Replace the bracket and secure it with the two Allen screws.

Voltage and Frequency Selection Diagram



Voltage/ Frequency	Wire #1	Wire #2
208 V, 50 Hz	Terminal #2	Terminal #4
208 V, 60 Hz	Terminal #2	Terminal #3
230 V, 50 Hz	Terminal #1	Terminal #6
230 V, 60 Hz	Terminal #1	Terminal #5

## Setup

### Lamp

The user may have to install the lamp before operating the Followspot 1200 for the first time.

The instructions below include the steps to remove an existing lamp as well as to install a new lamp.

### Lamp Removal

Removing an already installed lamp requires caution. Follow the steps indicated below to complete the removal in a safe manner.



**Make sure that there is no power applied to the fixture before opening the fixture's housing.**

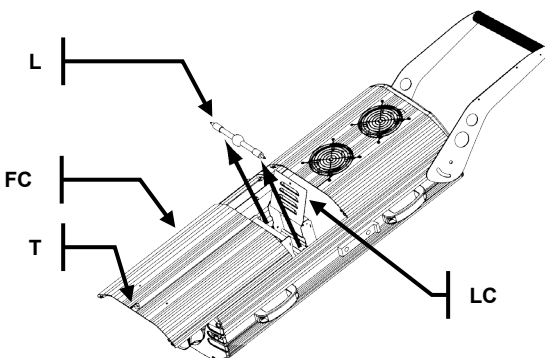


**Lamp explosion hazard! Wait 15 minutes after having turned off the fixture to open the lamp cover.**

### Opening the Fixture

- 1) Unfasten the thumbscrew (T) and slide the front cover (FC) slightly forward.
- 2) Loosen the thumbscrew that hold the lamp cover (LC) and lift it to expose the lamp socket.

Lamp Removing Diagram



- **Always wear safety goggles and soft gloves when handling the lamp.**
- **The bulb remains hot for a long time after turn off.**
- **Never touch the bulb barehanded and always handle it by its metallic contacts.**

### Removing an Existing Lamp

- 1) Once you have access to the lamp, loosen both lamp end screws.
- 2) Grab the lamp by both lamp end screws, push it evenly against the clips and then slide it upwards until it is free.
- 3) Place the lamp in an appropriate container for disposal.



**Always follow local regulations regarding the disposal of used metal halide lamps.**



## Lamp Installation

Installing a new lamp requires caution. Follow the steps indicated below to complete the lamp installation in a safe manner.



If you touched the lamp with your bare hands, make sure to clean it thoroughly (contacts, glass necks and glass globe) with isopropyl alcohol and wipe it with a lint-free cloth before installing it.

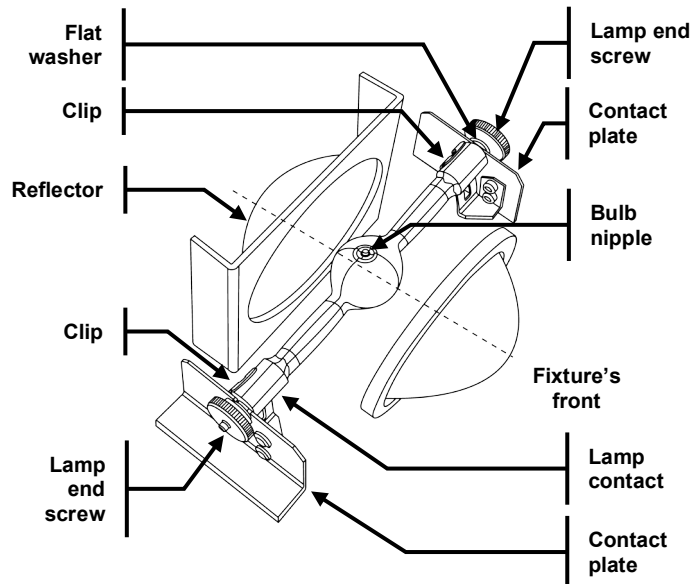


Follow all the safety instructions indicated in pages 6 and 7.

### Installing a New Lamp

- 1) If installing a new lamp, open the Followspot 1200 as indicated in page 6.
- 2) Before installing the lamp, loosen its end screws.
- 3) Hold the lamp by its metallic contacts and slide it into the slots.
- 4) Ensure that the flat washers on the lamp shafts are on the thumbscrew side of the slot to ensure maximum contact.
- 5) Evenly push the clips backward to allow the lamp to go all the way into the slots.
- 6) Rotate the lamp until the nipple is on the top of the bulb.
- 7) Tighten the lamp end screws.
- 8) Once installed, the lamp should look as in the diagram below.

Lamp Installation Diagram



### Closing the Fixture

- 1) Close the lamp cover and tighten the thumbscrew that holds it.
- 2) Slide the front cover backward until it touches the bracket.
- 3) Tighten the thumbscrew to secure the front cover.

# Setup

## Mounting

Read the safety notes at the beginning of this guide and follow their recommendations before mounting this product.

## Orientation

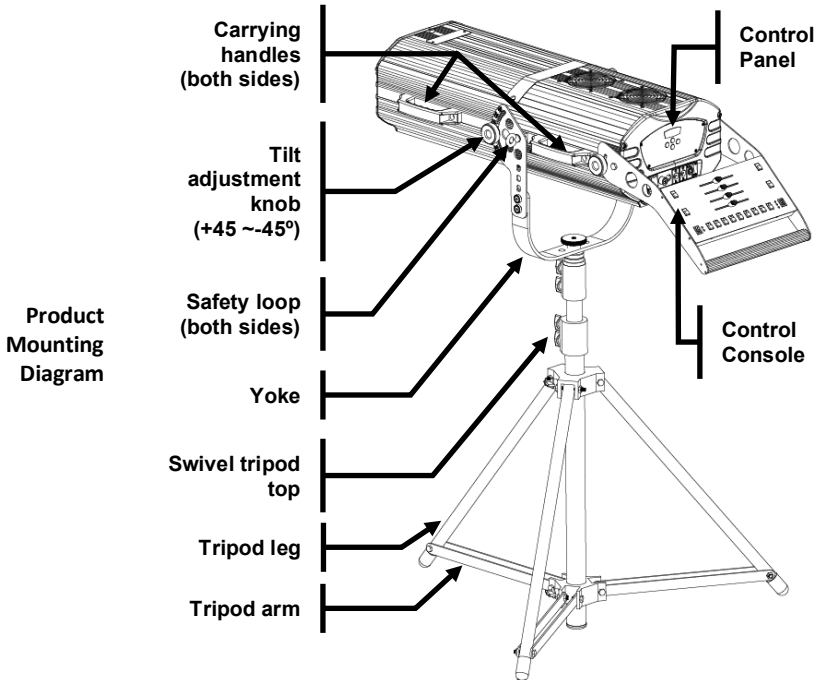
You can mount this product in any safe position.

## Rigging

The Followspot 1200 consists of a housing unit and a tripod (included). CHAUVET® recommends following the general guidelines below when mounting this product.

### Mounting Guidelines

- When selecting an installation location, consider ease of access to the fixture for operation, programming adjustments and routine maintenance.
- Never mount the fixture in places where rain, high humidity, extreme temperature changes or restricted ventilation may affect it.
- Make sure that the location where you are mounting the fixture can support its weight (84 lbs / 38 kg) as well as the operator's weight.



As an extra measure to reduce vibrations and to prevent the fixture from tipping over, weight down the tripod arms or anchor them to the mounting platform..

## DMX Linking

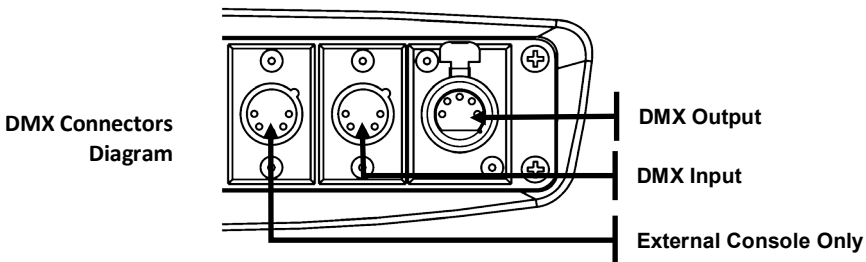
If you are using the Followspot 1200 with a DMX controller, you can link them using a regular DMX serial connection. Be aware that the Followspot 1200 uses 5-pin XLR connectors and that you will need a 5-pin to 3-pin adapter in most cases.

If you are not familiar with the DMX standard, please refer to the *DMX Primer* and *DMX Connectivity* sections in the *Appendix* chapter of the Followspot 1200 user manual.

### DMX Connection

The Followspot 1200 uses the regular DMX data connection for its 6-channel DMX mode. Refer to the *Introduction* chapter for a brief description of this mode and the *Operation* chapter to learn how to configure the Followspot 1200 to work in this mode.

The diagram below shows the Followspot 1200 DMX connectors.



**Pins 4 and 5 of the External Console Only socket carry power for the external console. Therefore, DO NOT connect the DMX cable to this socket. Otherwise, you could damage the DMX controller or the fixtures connected to the DMX link.**

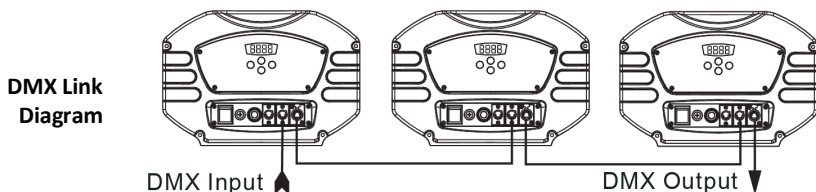
#### Procedure

- 1) Connect the DMX cable that comes from the DMX controller or from the other DMX fixtures to the DMX Input socket.
- 2) Connect the DMX cable that goes to the other DMX fixtures to the DMX Output socket.



- **When using the Followspot 1200's external console, DO NOT connect the Followspot 1200 to the DMX link.**
- **The Followspot 1200 does not support the Master/Slave mode.**

The diagram below illustrates a typical DMX link connection.



## Operation

### 4. Operation

Control Panel Description	Button	Function
	<MENU>	Used to scroll to a function or to return to a previous menu option
	<ENTER>	Selects a menu option
	<UP>	Scrolls through the menu options in ascending (forward) order
	<DOWN>	Scrolls through the menu options in descending (backward) order

**Menu Map** The Followspot 1200 has two programming modes, *Normal* and *Offset*. The Normal mode is for regular operation, while the Offset mode is for fine position adjustments.

**Normal Mode** The Normal mode controls the DMX address, the blackout while changing colors activation, the lamp on/off status, the running of the self-test and the fixture reset. In addition, it shows the number of hours the fixture has been in service.

Function	1 <sup>st</sup> Level	2 <sup>nd</sup> Level	Description
DMX Address	Addr	1~255	Selects the fixture's DMX address
Color Blackout Activation	blco	Yes/No	Enables the black out while changing colors
Self-test	test	N/A	Runs the built-in self-test program
Fixture Hours	Fhrs	N/A	Shows the amount of hours the fixture has been on
Lamp On/Off	LAMP	On/Off	Turns the lamp on or off
Reset	reset	N/A	Resets the fixture to its factory default settings

**Offset Mode** The Offset mode controls the fine position adjustment of the color wheel, the color temperature wheel and the dimmer. Use these adjustments to center the filter and color temperature windows (to eliminate borders) as well as to fine position the dimmer.

Function	1 <sup>st</sup> Level	2 <sup>nd</sup> Level	Description
Color Offset	color	-127~127	Performs the fine position adjustment for the color wheel
Effect Offset	effect	-127~127	Performs the fine position adjustment for the effects wheel
Dimmer Offset	dim	-127~127	Performs the fine position adjustment for the dimmer

## Normal Mode

- DMX Address**
- 1) Go to **MENU > Addr** and press **<ENTER>**
  - 2) Select a starting DMX address (**001~512**)

- Control Activation**
- 1) Go to **Menu > b\_co** and press **<ENTER>**
  - 2) Change the setting with **<UP>** or **<DOWN>**
  - 3) Press **<ENTER>** to save the new value, or press **<MENU>** to exit

- Self-test**
- 1) Go to **Menu > test**
  - 2) Press **<ENTER>** to start the tests
  - 3) Press **<ENTER>** to suspend the test, or press **<MENU>** to exit

- Fixture Hours**
- 1) Go to **Menu > Fhrs**
  - 2) Press **<ENTER>** to see the number of hours, or press **<MENU>** to exit

- Lamp**
- 1) Go to **Menu > LAMP** and press **<ENTER>**
  - 2) Change the setting (**On/Off**) with **<UP>** or **<DOWN>**
  - 3) Press **<ENTER>** to save the change.

- Reset**
- 1) Go to **Menu > rSet** and press **<ENTER>**
  - 2) After a few seconds, all DMX channels will return to their default settings.

## Offset Mode

- Entering Offset Mode**
- 1) Press **<MENU>** for five seconds.  
The display will show the first offset mode function.

- Color Offset**
- 1) Go to **Menu > oCoL** and press **<ENTER>**
  - 2) Change the setting (**-127~127**) with **<UP>** or **<DOWN>**
  - 3) Press **<ENTER>** to save the change.

- Effect Offset**
- 1) Go to **Menu > oCoL** and press **<ENTER>**
  - 2) Change the setting (**-127~127**) with **<UP>** or **<DOWN>**
  - 3) Press **<ENTER>** to save the change.

- Dimmer Offset**
- 1) Go to **Menu > oCoL** and press **<ENTER>**
  - 2) Change the setting (**-127~127**) with **<UP>** or **<DOWN>**
  - 3) Press **<ENTER>** to save the change.

- Exiting Offset Mode**
- 1) After you are done, wait eight seconds for the display timer to activate.  
The display will show the current DMX address.

## Operation

### External Console

The external console ships already installed on the Followspot 1200 handle. This console has dedicated sliders and buttons to control only the associated fixture.

In addition, the external console connects to the Followspot 1200 using a dedicated 5-pin XLR connector on the control panel.



**Pins 4 and 5 of the External Console Only socket carry power for the external console. Therefore, DO NOT connect the DMX cable to this socket. Otherwise, you could damage the DMX controller or the fixtures connected to the DMX link.**



**When the Followspot 1200 is in any of its programming modes, the external console is not operational.**

### Controls

The external console controls have pre-assigned functions and labels (dimmer, shutter, iris, focus, color control and color temperature). This simplifies the fixture's operation.



**The illuminated buttons (1~9) change their functionality depending on the setting of the Fixed Color / Color Scroll rocker switch.**

### DMX Operation

To operate the Followspot 1200 with a standard DMX controller you will have to assign a starting DMX address on the Followspot 1200. Please refer to the *DMX Address paragraph* of this chapter for instructions.



**Always disconnect the external control console when operating this fixture with a third party DMX controller.**

### DMX Values

#### 6-channel DMX Mode

Channel	Function	Value	Percent/Setting
1	Shutter	000 ⇄ 007	Blackout
		008 ⇄ 015	Open
		016 ⇄ 247	Strobe (1~12 Hz)
		248 ⇄ 255	Open
2	Iris	000 ⇄ 254	0~100%
		255	Closed
3	Color	000 ⇄ 014	White
		015 ⇄ 028	Red
		029 ⇄ 042	Green
		043 ⇄ 056	Blue
		057 ⇄ 070	UV Purple
		071 ⇄ 084	Golden Amber
		085 ⇄ 098	2,900 K
		099 ⇄ 112	4,800 K
		113 ⇄ 127	3,800 K
		128 ⇄ 191	CW Rotation (Fast~Slow)
		192 ⇄ 255	CCW Rotation (Slow~Fast)
4	Color Temperature	000 ⇄ 085	6,000 K
		086 ⇄ 170	5,600 K
		171 ⇄ 255	3,200 K
5	Dimmer	000 ⇄ 255	0~100%
6	Focus	000 ⇄ 255	Close~Far

### 5. Technical Information

#### General Maintenance

Download the Followspot 1200 user manual and refer to its *Technical Information* chapter for a description on how to troubleshoot and maintain this fixture



**Always dry the optics and glass surfaces carefully after cleaning them.**



**If the fixture has fans, never spin them using compressed air.**

#### Repairs

Download the Followspot 1200 user manual and refer to its *Technical Information* chapter for a description on how to troubleshoot this fixture



**If you need help with troubleshooting your fixture, contact CHAUVET® Technical Support at once.**

#### Returns Procedure

Download the Followspot 1200 user manual and refer to its *Technical Information* chapter for a description on how to return this fixture to CHAUVET®.

#### Claims

Download the Followspot 1200 user manual and refer to its *Technical Information* chapter for a description on how to make a claim regarding this fixture if you received it damaged during shipping. For other claims (missing parts, fixture not working, etc., contact CHAUVET® Technical Support.

#### Contact Us World Wide

##### ***General Information***

CHAUVET®  
5200 NW 108th Avenue  
Sunrise, FL 33351  
Voice: (954) 929-1115  
Fax: (954) 929-5560  
Toll free: (800) 762-1084

##### ***Technical Support***

Voice: (954) 929-1115 (Press 4)  
Fax: (954) 929-5560 (Attention: Service)

##### ***World Wide Web***

[www.chauvetlighting.com](http://www.chauvetlighting.com)

# Technical Information

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## Technical Specifications

### WEIGHT & DIMENSIONS

Length .....	45.1 in (1,147 mm)
Width .....	16.9 in (430 mm)
Height .....	9.0 in (230 mm)
Weight (Product only) .....	94 lbs (42.6 kg)
Weight (Stand) .....	17 lbs (7.7 kg)
Weight (All w/ roadcase) .....	213 lbs (96.6 kg)

### POWER

Selectable Input Voltage and Frequency .....	208/230 V, 50/60 Hz
Current draw .....	Operating: 8.61 A; Inrush 9.2 A
Power .....	1,264 W
Power Factor .....	PF 0.71

### FUSE

External .....	6 x 30 mm, glass, 15 A, 250 V
----------------	-------------------------------

### LIGHT SOURCE

Metal Halide Lamp .....	Osram HTI 1200 W/D/7/60, 6,500 K, 2,000 hrs
Quantity .....	1

### PHOTO OPTIC

Luminance (4° angle) .....	202,000 lux @ 1 m
Luminance (13° angle) .....	7,000 lux @ 5 m; 3,650 lux @ 7 m, 1,800 lux @ 10 m
Beam angle range .....	4~38°

### 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

Followspot 1200 .....	FOLLOWSPOT1200
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**Followspot 1200 QSG – Rev. 3**

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