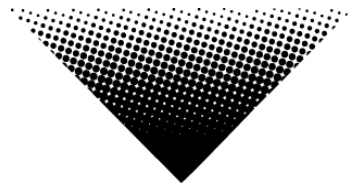




USER MANUAL



## Snapshot

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

# 1. BEFORE YOU BEGIN

## What is included

- 1 x D-Fi™ PLUS
- 1 x Antenna
- 1 x 12VDC 500mA (external power supply)
- 1 x Warranty Card
- 1 x User Manual

## Unpacking Instructions

Immediately upon receiving a D-Fi™ PLUS, 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, with all of the included items/accessories.

### **Warning!**

***All fixtures must be connected to circuits with a suitable Earth Ground.***



3000 N 29<sup>th</sup> Ct, Hollywood, FL 33020 U.S.A.  
(800) 762-1084 – (954) 929-1115  
FAX (954) 929-5560  
[www.chauvetlighting.com](http://www.chauvetlighting.com)

## 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.
- 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.
- Never 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.

**Note!** *Maximum recommended serial data link distance: 500 meters (1640 ft.)*

**Note!** *Maximum recommended number of fixtures on a serial data link: 32 fixtures*

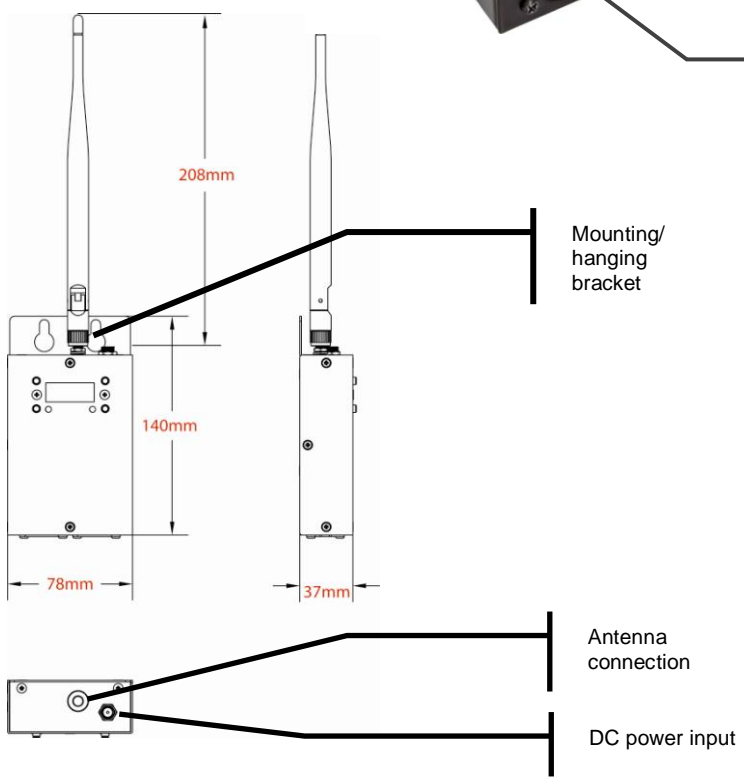
**Caution!** *There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact CHAUVET at: 954-929-1115.*

## 2. INTRODUCTION

### Features

- Transmit/receive up to 512 DMX channels wirelessly
- Control up to 9 universes or 4,608 DMX channels (requires multiple units)
- Use with any universal DMX-512 controller
- 27 user-selectable UHF frequencies (902MHz – 928MHz)
- Functions as transmitter or receiver
- Self-contained unit with no setup required
- Requires two units for operation (per universe)
- FCC compliant

# Product Overview

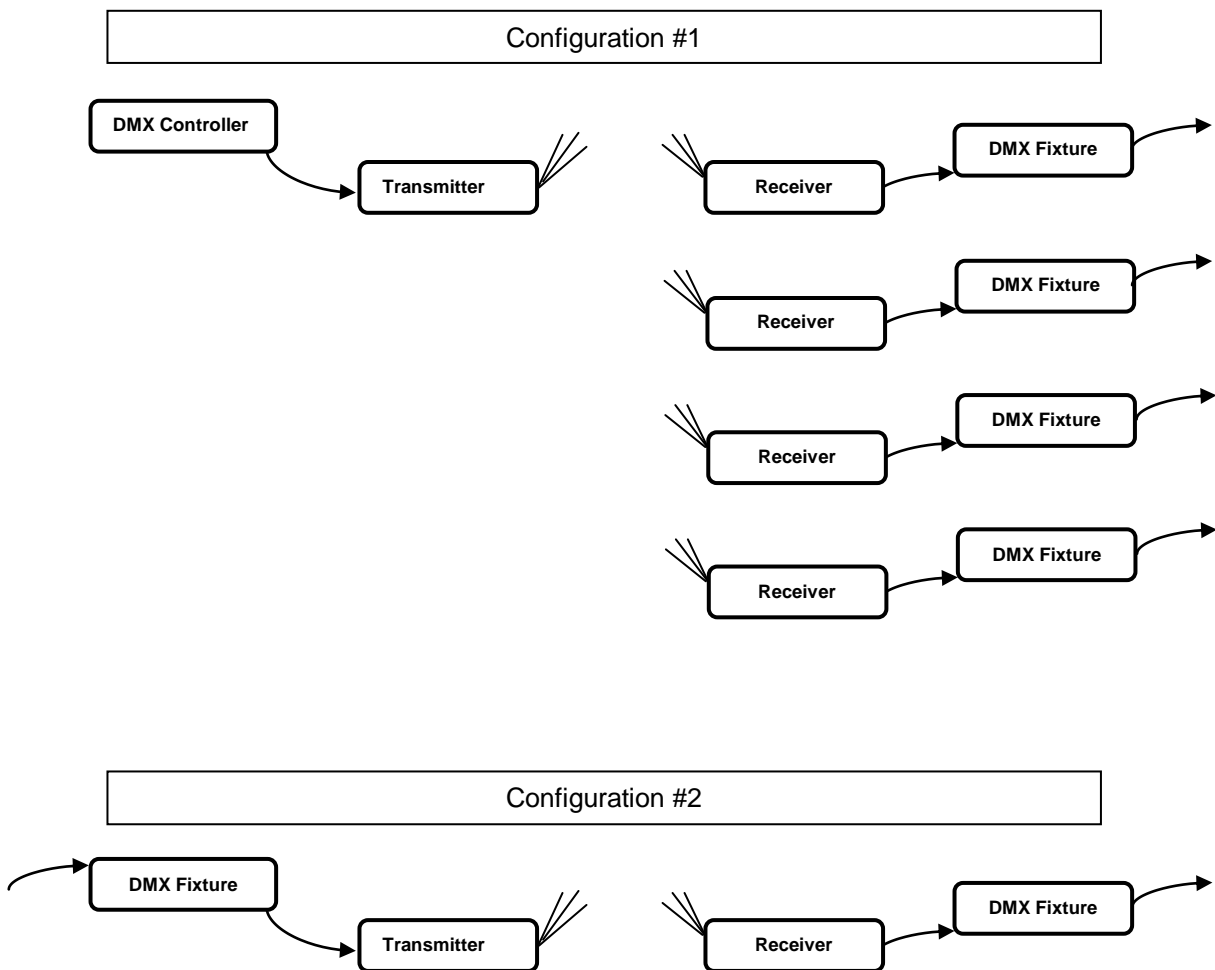


# 3. SETUP

## D-Fi™ PLUS Configuration Options

### Configurations

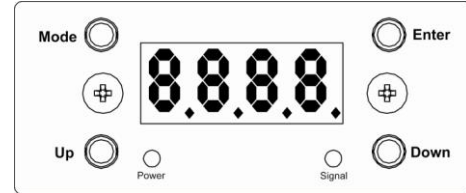
1. A transmitter is connected to the output of the controller, and a receiver is connected at the input of the first DMX fixture.
  2. A transmitter is connected to the output of a DMX fixture, and a receiver is connected to the input of the next DMX fixture.
- Note: The following diagrams are to demonstrate possible configurations. Multiple receivers may be used in any possible configuration.





# 4. OPERATING INSTRUCTIONS

## Using the control panel

1. Press the **MODE** button to switch between transmit and receive mode; this will also enable the frequency assignment.
2. Press the **DOWN/UP** buttons to scroll through the operating frequencies.
3. Press **ENTER** to save the settings.



MENU OPTION	DESCRIPTION
	<b>Receive mode:</b> Sets the D-Fi™ PLUS to receive from a transmitting D-Fi™ PLUS operating on the same frequency
	<b>Transmit mode:</b> Sets the D-Fi™ PLUS to transmit to a receiving D-Fi™ PLUS operating on the same frequency
<b>902-928</b>	<b>Operating frequency:</b> adjustments from <b>&lt;902&gt;</b> to <b>&lt;928&gt;</b>

- Note: A system is simply one D-Fi™ PLUS transmitting and one or more D-Fi™ PLUS(s) receiving on the same frequency.
- A minimum of 2 D-Fi™ PLUS transceivers are required for operation.

## Contact Us

### World Wide

#### General Information

CHAUVET  
3000 North 29<sup>th</sup> Court  
Hollywood, FL 33020  
voice: 954.929.1115  
fax: 954.929.5560  
toll free: 800.762.1084

#### Technical Support

CHAUVET  
3000 North 29<sup>th</sup> Court  
Hollywood, FL 33020  
voice: 954.929.1115 (**Press 4**)  
fax: 954.929.5560 (**Attention: Service**)

#### World Wide Web

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

# 5. APPENDIX

## Returns Procedure

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). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

## Claims

Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise. 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 seven (7) days of receiving merchandise.

## Technical Specifications

### WEIGHT & DIMENSIONS

Length ..... 6.1 in (155 mm)  
Width ..... 3.1 in (78 mm)  
Height ..... 1.3 in (32 mm)  
Weight ..... 0.8 lbs (4 kg)

### POWER

External power supply ..... 12VDC 500mA 115V/60Hz or 230V/50Hz

COOLING ..... Convection cooled

### OPERATING RANGE (BAND/FREQUENCIES)

UHF ..... 902Mhz - 928Mhz

### 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 (transmit/receive) ..... 512 (per frequency)  
Unobstructed operating distance ..... 393ft (120m)

### ORDERING INFORMATION

D-Fi™ PLUS ..... DFIPLUS

### WARRANTY INFORMATION

Warranty ..... 2-year limited warranty