FREEDOM PAR T6

User Manual

CHAUVET DJ

Table of Contents

1. Before You Begin

What Is Included

- Freedom Par T6
- External power supply
- Magnetic diffuser
- Quick Reference Guide

Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

Claims

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate the claim. Keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
<ENTER>	A key to be pressed on the product's control panel
ON	A value to be entered or selected

Symbols

| Symbol	Meaning
⚡	Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user.
⚠	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
ⓘ	Important installation or configuration information. The product may not function correctly if this information is not used.
📝	Useful information.

Safety Notes

- ■ **ALWAYS:**
  - • Connect to a grounded circuit.
  - • Connect to operating voltages as specified on the product's spec sticker.
  - • Disconnect from power before replacing the fuse.
  - • Disconnect from its power source during periods of inactivity.
  - • Use a safety cable when suspending overhead.
  - • Heed all restrictions and warnings on the spec sticker.
  - • Mount in a location with at least 20 in (50 cm) of ventilation.

- ■ In the event of a serious operating problem, stop using immediately.
- ■ **DO NOT:**
  - • Open this product or attempt any repairs. It contains no user-serviceable parts.
  - • Look at the light source when the product is on.
  - • Use if the power cord is crimped or damaged.
  - • Disconnect by pulling on the power cord.
  - • Allow flammable materials close to the product when it is operating.
  - • Touch the housing when it is on.
  - • Block any ventilation holes/slots in the housing.
  - • Connect to a dimmer or rheostat.
  - • Carry the product by its power cable.
  - • Operate in temperatures higher than 104°F (40°C).
  - • Expose to environments that exceed the Ingress Protection (IP) rating.
  - • Expose to rain or moisture.
  - • Use outdoors.

Battery Charge Notes

Rechargeable lithium-ion batteries are potentially hazardous and can present a serious FIRE HAZARD, SERIOUS INJURY and/or PROPERTY DAMAGE if damaged, defective, or improperly used.

- ■ **ALWAYS:**
  - ♦ Charge using a manufacturer-provided charger while the product is powered off.
  - ♦ Charge the battery in temperatures between 32°–95°F (0°–35°C).
  - ♦ Allow a depleted battery to charge for a few minutes before turning on the product. If the battery is completely discharged, the device cannot be turned on immediately when the charger is connected.
  - ♦ Keep at least 3 ft (1 m) distance to any heat source and away from flammable materials.
  - ♦ Keep the lid of any charging case open while charging.
  - ♦ Keep batteries away from children.
  - ♦ Store batteries between 40–60% charge.
  - ♦ Follow local regulations when disposing of batteries.
  - ♦ Replace with an authentic Chauvet battery.
- ■ **DO NOT:**
  - ♦ Continue charging if the battery becomes hot, smokes, swells, or gives off an odor during charging.
  - ♦ Leave the product unattended while charging.
  - ♦ Deplete the battery below 10%.
  - ♦ Charge the battery in a closed container.
  - ♦ Charge for more than 24 hours.

FCC Statement of Compliance

This device complies with Part 15 Part B of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment..

RF Exposure Warning for North America and Australia

Warning! This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and the user. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Disclaimer

Chauvet believes that the information contained in this manual is accurate in all respects. However, Chauvet assumes no responsibility and specifically disclaims any and all liability to any party for any loss, damage or disruption caused by any errors or omissions in this document, whether such errors or omissions result from negligence, accident or any other cause. Chauvet reserves the right to revise the content of this document without any obligation to notify any person or company of such revision, however, Chauvet has no obligation to make, and does not commit to make, any such revisions. Download the latest version from www.chauvetdj.com.

The works of authorship contained in this manual, including, but not limited to, all designs, text, and images are owned by Chauvet.

Electronically published by Chauvet in the United States of America.

Chauvet, the Chauvet logo, and Freedom are registered trademarks or trademarks of Chauvet & Sons LLC. (d/b/a Chauvet and Chauvet Lighting) in the United States and other countries. Other company and product names and logos referred to herein may be trademarks of their respective companies.

Keep this User Manual for future use.

2. Introduction

## Product Overview

Microphone

Display screen

Power button

Carry handle

Menu buttons

Kensington
security slot

DC
power in

Kickstand

Kickstand
release

Magnetic
diffuser

Product Dimensions

**3.9 in
98 mm**

**3.9 in
98 mm**

**5.1 in
130mm**
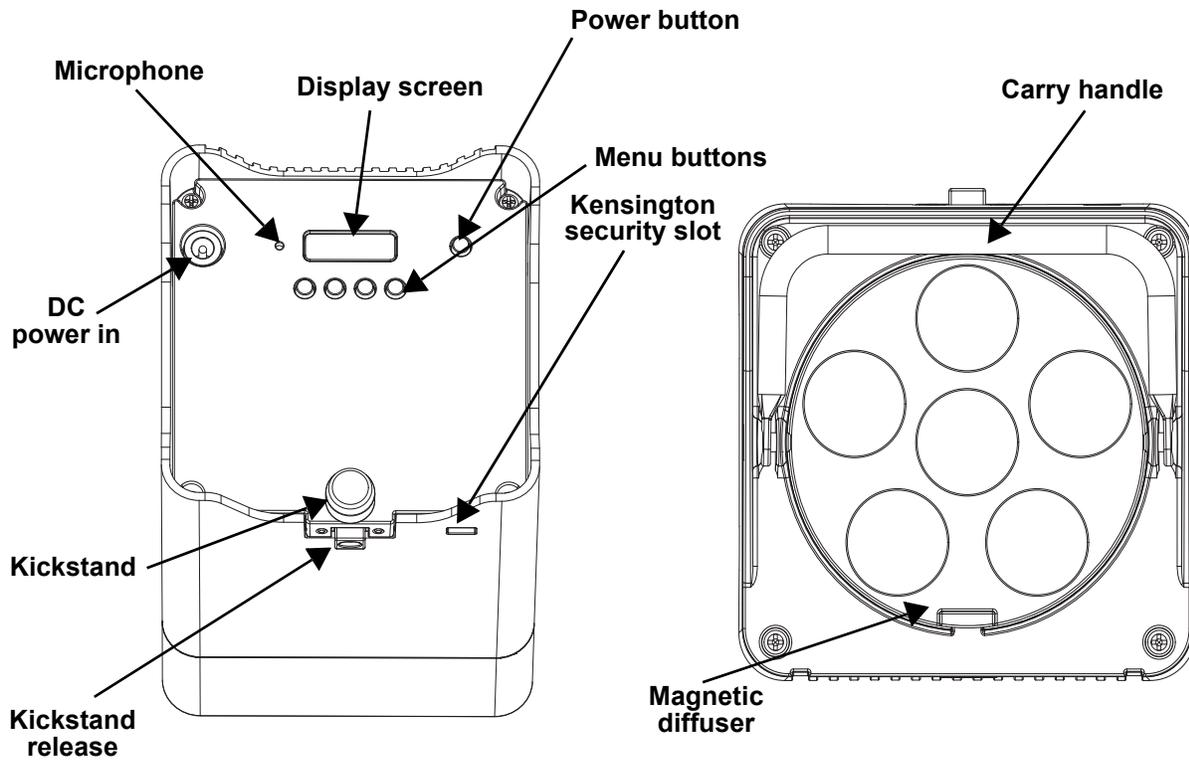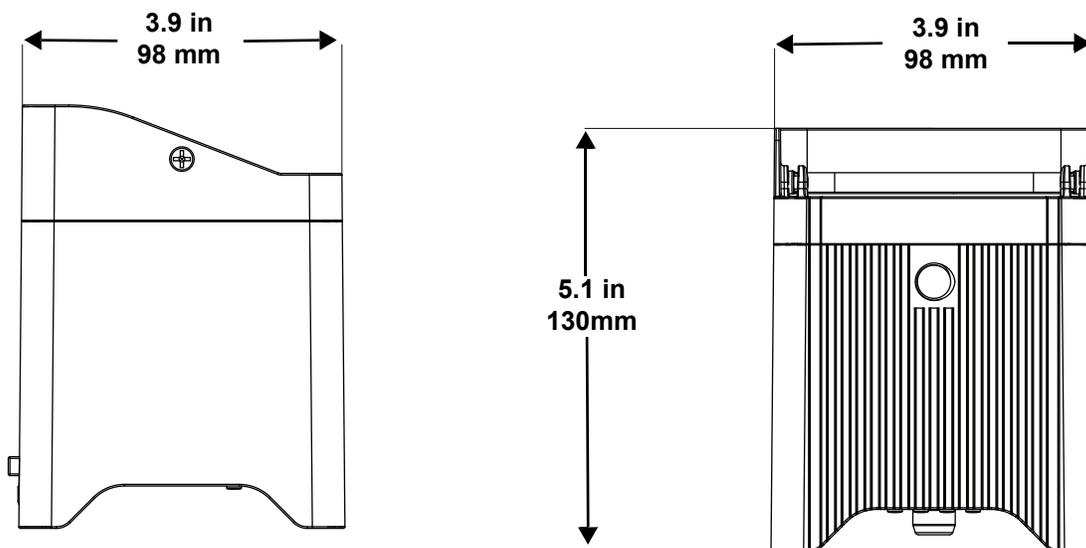
3. Setup

AC Power

The Freedom Par T6 has an external power supply and can work with an input voltage of 24 VDC, 50/60 Hz. To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.

> • **Always connect the product to a protected circuit (a circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
> • **To eliminate unnecessary wear and improve its lifespan, completely disconnect the product from power via breaker or by unplugging it during periods of non-use.**

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

Battery Power

The Freedom Par T6 comes with a rechargeable lithium battery for cable-free operation.

Charging the Battery

The battery charges whenever the Freedom Par T6 is plugged into a power source using the included power cord. If the product is plugged in and not in operation, make sure the product is turned off.

> • **Before charging the product, read and follow the safety recommendations in the Safety Notes.**
> • **The LED indicator light will flash if units are overcharged.**
> • **DO NOT use the Freedom Par T6 on full power mode (all LEDs at 100%) while being charged/plugged into a power source, as the unit will get extremely hot.**

Battery Life Indicator

The indicators on the LED Menu Display show how much battery life remains available. The drawing below provides a key to reading the battery life indicators.

100%

80%   **60%**   **40%**   **20%**
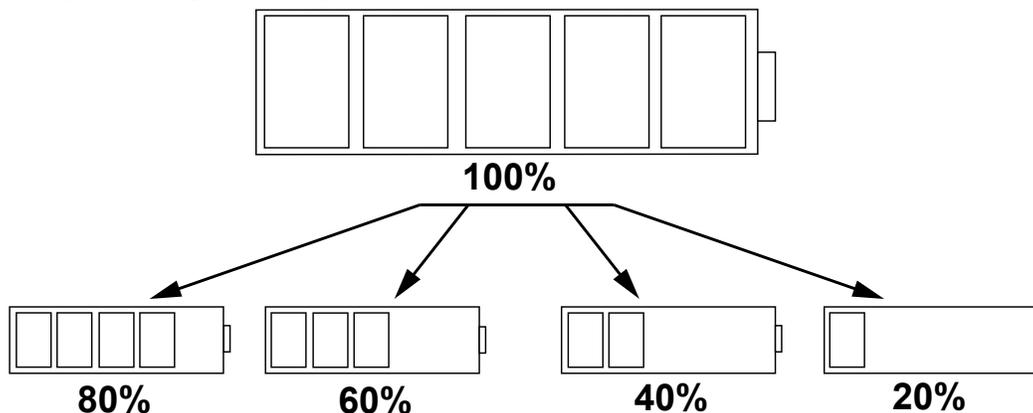
Battery Run Time

Maximum Run Time	Recharge Time
Up to 12 hours	4 hours

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

Orientation

The Freedom Par T6 may be mounted in any position; however, make sure adequate ventilation is provided around the product.

Rigging

- Before deciding on a location for the product, always make sure there is easy access to the product for maintenance and programming purposes.
- Make sure adequate ventilation is provided around the product.
- Mount the product on a structure or surface that can support the product's weight (see the Technical Specifications for weight information).
- Always use a safety cable when mounting the product overhead. Mount the product securely to a rigging point (e.g., an elevated platform or a truss).
- Use a mounting clamp of appropriate weight capacity when rigging the product onto a truss.

Mounting Diagram

Mounting clamp
(such as **CLP-15** or **CLP-15N** from Chauvet)

Safety cable
(such as **CH-05** from Chauvet)
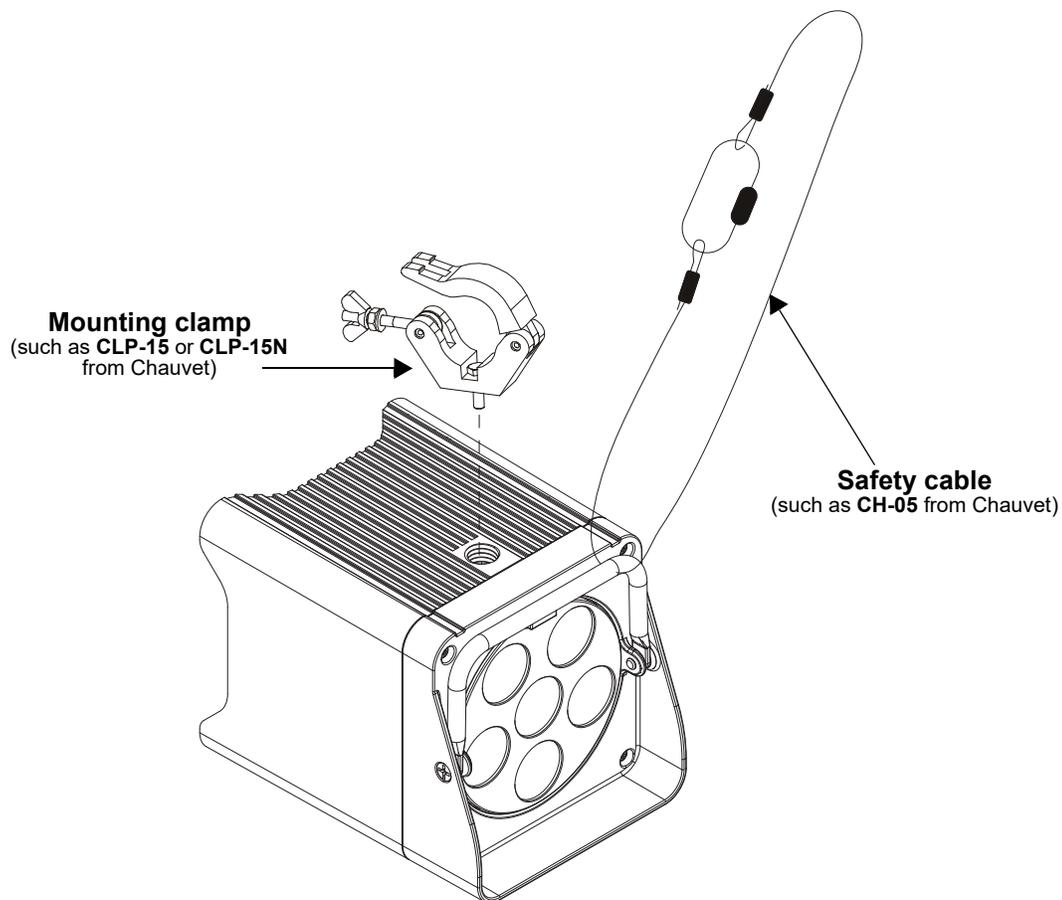
Accessories

The Freedom Par T9 comes with a removable magnetic diffuser. To attach or remove the magnetic diffuser, see the diagram below:

Magnetic diffuser
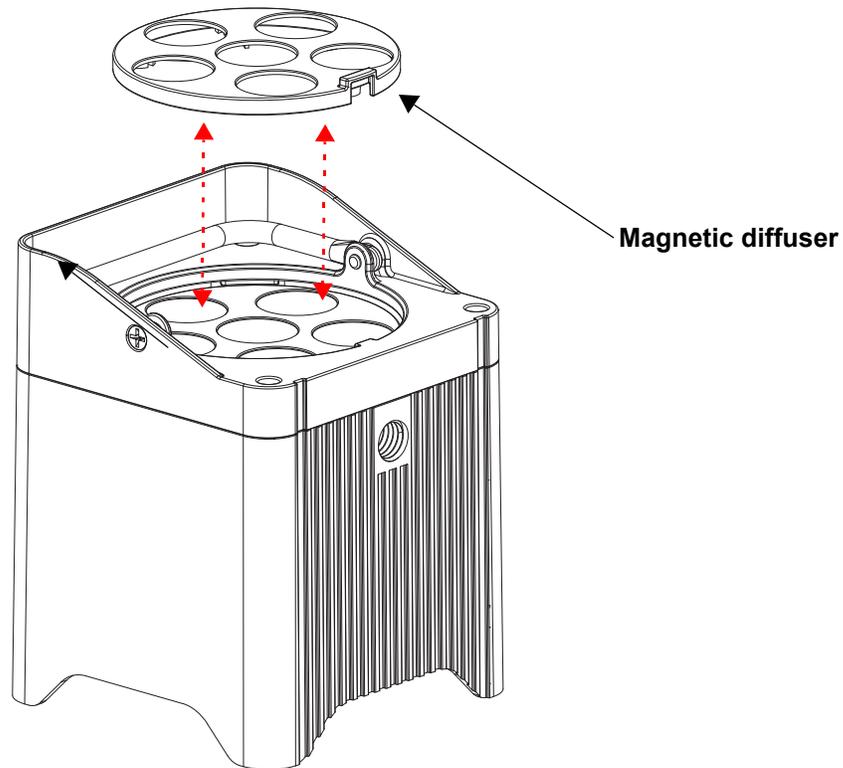
4. Maintenance

Product Maintenance

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life and/or mechanical wear. To maintain optimum performance and minimize wear, clean all lighting products at least twice a month. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean the product, follow the instructions below:

1. Unplug the product from power.
2. Wait until the product is at room temperature.
3. Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external surface/vents.
4. Clean all transparent surfaces with a mild soap solution, ammonia-free glass cleaner, or isopropyl alcohol.
5. Apply the solution directly to a soft, lint-free cotton cloth or a lens-cleaning tissue.
6. Softly drag any dirt or grime to the outside of the transparent surface.
7. Gently polish the transparent surfaces until they are free of haze and lint.

ⓘ **Always dry the transparent surfaces carefully after cleaning them.**

5. Operation

Control Panel Operation

To access the control panel functions, use the four buttons located next to the display. Please refer to the Introduction to see the button locations on the control panel.

Button	Function
<MENU>	Exits from the current menu or function
<UP>	Navigates upwards through the menu list and increases the numeric value when in a function
<DOWN>	Navigates downwards through the menu list and decreases the numeric value when in a function
<ENTER>	Enables the currently displayed menu or sets the currently selected value into the selected function

Menu Map

Refer to the Freedom Par T6 product page on www.chauvetdj.com for the latest menu map.

Main Menu	Programming Levels		Description
DMX Address	**001–500**		Selects DMX starting address
DMX Channel	**3 Ch**		3-channel DMX mode
	5 Ch		5-channel DMX mode
	13 Ch		13-channel DMX mode
Static	**Preset**	**RED**	Selects preset colors
		GREEN	
		BLUE	
		AMBER	
		YELLOW	
		MAGENTA	
		SUNSET	
		CYAN	
		LIME GREEN	
		WHITE	
		SOL	
		SEAFOAM	
		TURQUOISE	
		ORANGE	
		BABY BLUE	
		HOT PINK	
		EMERALD	
		OCEAN	
		BABY PINK	
		GOLDENROD	
		SKY	
		LAVENDER	
		FADED ORANGE	
		FUSCHIA	
		AMBIENT	
		2700K	
		3500K	
		4000K	
		5000K	
		6000K	

Main Menu	Programming Levels			Description
Static	**Fixed Color**	R		Selects a single static color or a combination of static colors
		G		
		B		
		RG		
		RB		
		GB		
		RGB		
	Manual Color	R= _ _ _	0–255	Combines red, green, blue, and amber to make a custom color (0–100%)
		G= _ _ _		
		B= _ _ _		
Auto Show	**Auto 1–4**	Speed	0–100	Selects the foreground and background colors, and adjusts the speed of auto programs **Note**: Foreground and background colors are available only for auto programs 5–9.
	Auto 5–9	Speed	0–100	
		FG Color BG Color	R	
			G	
			B	
			RG	
			RB	
			GB	
			RGB	
Sound Show	**Sound Sense**	000–100		Adjusts sound sensitivity
Slave Setting	Slave1			Sets which slave unit(s) will mimic the master unit
	Slave2			
	Slave3			
	Slave4			
D-Fi Setting	**D-Fi On/Off**	On		Activates/deactivates D-Fi mode
		Off		
	D-Fi Mode	Receive		Sets the product to receive D-Fi signal
		Transmit		Sets the product to transmit D-Fi signal
	D-Fi Channel	CH01–CH16		Sets D-Fi channel
RF Setting	Link			Links the fixture to a single RF remote
	Public			Allows the fixture to respond to all RF signals
	Group	Group1–4		Sets which group of fixture the RFC-XL remote will control
	Off			Turns off RF reception
Run Time	Off			Turns off battery management
	3 Hours			Adjusts the light and power consumption based on the number of colors being used and the amount of time the fixture has been running
	5 Hours			
	8 Hours			
	12 Hours			
Dimmer Mode	Off			Linear dimmer
	Dimmer 1			Dimming curves: **Dimmer 1** (fast) to **Dimmer 3** (slow)
	Dimmer 2			
	Dimmer 3			
Back Light	10S			Turns off display backlight after 10 seconds of inactivity
	30S			Turns off display backlight after 30 seconds of inactivity
	2Min			Turns off display backlight after 2 minutes of inactivity
	Always On			Display backlight remains on
Password	Off			Turns off password protection
	On			Turns on password protection Default password: **<UP>**, **<DOWN>**, **<UP>**, **<DOWN>**, **<ENTER>**

Main Menu	Programming Levels	Description
Fixture ID	0000–9999	Displays the fixture ID
Information	Fixture Hours <_ _ _ _ _H>	Displays the total hours the product has been powered on
	LED Hours <_ _ _ _ _H>	Displays the total LED hours
	Version <V_._ _ _ _ _ _>	Displays firmware version
Factory Reset	No	Resets settings to factory default
	Yes	

DMX Configuration

The Freedom Par T6 works with a DMX controller. Information about DMX is in the Chauvet DMX Primer available from the Chauvet website: www.chauvetdj.com.

DMX Personality and Starting Address

When selecting a starting DMX address, always consider the number of DMX channels the selected DMX mode uses. Choosing a starting address that is too high could restrict access to some of the product's channels.

The Freedom Par T6 uses up to 13 DMX channels in a 13Ch DMX mode, which defines the highest configurable address to **500**.

For more information about the DMX protocol, download the DMX Primer from: www.chauvetdj.com.

To select the starting address, do the following:

1. Press **<MENU>** repeatedly until **DMX Address** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the starting address, from **001–500**.
4. Press **<ENTER>**.

DMX Values

13Ch / 5Ch / 3Ch

3Ch	5Ch	13Ch	Function	Value	Percent/Setting
–	1	1	**Dimmer**	**000 ⇔ 255**	0–100%
1	2	2	**Red**	**000 ⇔ 255**	0–100%
2	3	3	**Green**	**000 ⇔ 255**	0–100%
3	4	4	**Blue**	**000 ⇔ 255**	0–100%
–	5	5	**Strobe**	**000 ⇔ 010**	No function
				011 ⇔ 255	Strobe, slow to fast
–	–	6	**Color macro**	**000 ⇔ 010**	No function
				011 ⇔ 030	R: 100% G: 0–100% B: 0%
				031 ⇔ 050	R: 100–0% G: 100% B: 0%
				051 ⇔ 070	R: 0% G: 100% B: 0–100%
				071 ⇔ 090	R: 0% G: 100–0% B: 100%
				091 ⇔ 110	R: 0–100% G: 0% B: 100%
				111 ⇔ 130	R: 100% G: 0% B: 0–100%
				131 ⇔ 150	R: 100% G: 0–100% B: 0–100%
				151 ⇔ 170	R: 100–0% G: 100–0% B: 100%
				171 ⇔ 200	R: 100% G: 100% B: 100%
				201 ⇔ 205	Color 1
				206 ⇔ 210	Color 2
				211 ⇔ 215	Color 3
				214 ⇔ 220	Color 4
				221 ⇔ 225	Color 5
				226 ⇔ 230	Color 6
				231 ⇔ 235	Color 7
				236 ⇔ 240	Color 8
				241 ⇔ 245	Color 9
				246 ⇔ 250	Color 10
				251 ⇔ 255	Color 11
–	–	7	**Auto programs**	**000 ⇔ 021**	No function
				022 ⇔ 043	Auto program 1
				044 ⇔ 065	Auto program 2
				066 ⇔ 087	Auto program 3
				088 ⇔ 109	Auto program 4
				110 ⇔ 131	Auto program 5
				132 ⇔ 153	Auto program 6
				154 ⇔ 175	Auto program 7
				176 ⇔ 197	Auto program 8
				198 ⇔ 219	Auto program 9
				220 ⇔ 241	Auto program 1–4
				242 ⇔ 255	Sound show
–	–	8	**Foreground color dimmer**	**000 ⇔ 255**	0–100%

3Ch	5Ch	13Ch	Function	Value	Percent/Setting
–	–	9	**Foreground color** (when Channel 7 is set to **110 ⇔ 219**)	**000 ⇔ 005**	Red
				006 ⇔ 010	Green
				011 ⇔ 015	Blue
				016 ⇔ 020	Red + green
				021 ⇔ 025	Red + blue
				026 ⇔ 030	Green + blue
				031 ⇔ 035	Red + green + blue
				036 ⇔ 055	Off
–	–	10	**Background color dimmer**	**000 ⇔ 255**	0–100%
–	–	11	**Background color** (when Channel 7 is set to **110 ⇔ 219**)	**000 ⇔ 005**	Red
				006 ⇔ 010	Green
				011 ⇔ 015	Blue
				016 ⇔ 020	Red + green
				021 ⇔ 025	Red + blue
				026 ⇔ 030	Green + blue
				031 ⇔ 035	Red + green + blue
				036 ⇔ 255	Off
–	–	12	**Auto speed**	**000 ⇔ 255**	Auto speed, slow to fast
			Sound sensitivity (when Channel 7 is set to **242 ⇔ 255**)	**000 ⇔ 010**	Sound sensitivity off
				011 ⇔ 255	Control sound sensitivity
–	–	13	**Dimmer speed mode**	**000 ⇔ 051**	Preset dimmer speed from display menu
				052 ⇔ 101	Dimmer speed mode off
				102 ⇔ 152	Dimmer speed mode 1 (fastest)
				153 ⇔ 203	Dimmer speed mode 2
				204 ⇔ 255	Dimmer speed mode 3 (slowest)

Standalone Configuration

Set the product in one of the standalone modes to control without a DMX controller.

ⓘ **Never connect a product that is operating in any standalone mode to a DMX string connected to a DMX controller. Products in standalone mode may transmit DMX signals that could interfere with the DMX signals from the controller.**

Preset Color Mode

To run the Freedom Par T6 on a preset static color, follow the instructions below:
1. Press **<MENU>** repeatedly until **Static** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Preset**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select a preset color, from **Red, Green, Blue, Amber, Yellow, Magenta, Sunset, Cyan, Lime Green, White, Sol, Seafoam, Turquouise, Orange, Baby Blue, Hot Pink, Emerald, Ocean, Baby Pink, Goldenrod, Sky, Lavender, Faded Orange, Fuschia, Ambient, 2700K, 3500K, 4000K, 5000K,** or **6000K**.
6. Press **<ENTER>**.

Fixed Color Mode

To run the Freedom Par T6 on a single static color or a combination of static colors, do the following:
1. Press **<MENU>** repeatedly until **Static** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Fixed Color**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select a static color, from **R, G, B, RG, RB, GB,** or **RGB**.
6. Press **<ENTER>**.

Custom Color Mixing

To custom mix a static color, do the following:
1. Press **<MENU>** repeatedly until **Static** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Manual Color**.
4. Press **<ENTER>**.
5. Press **<ENTER>** and one of the following will show on display.
    - **R= _ _ _** (red)
    - **G= _ _ _** (green)
    - **B= _ _ _** (blue)
6. Press **<ENTER>** to cycle through the color settings.
7. When the desired color shows on the display, use **<UP>** or **<DOWN>** to increase or decrease the color value, from **0–255** (red, green, blue).
8. Repeat steps 5 and 6 until the product outputs as desired.

Automatic Programs

To run the Freedom Par T6 in automatic mode, follow the instructions below:
1. Press **<MENU>** repeatedly until **Auto Show** is displayed.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select an automatic program, from **Auto 1–9**.
4. Press **<ENTER>**.

To choose a foreground or background color for the auto programs, (programs 5-9 only) do the following:
1. Follow steps 1–4 above to select an automatic program.
2. Use **<UP>** or **<DOWN>** to select between **FG Color** (foreground color) and **BG Color** (background color).
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select a static color, from **R, G, B, RG, RB, GB, RGB,** or **Off** (turns off foreground or background color).
5. Press **<ENTER>**.

(i) **The foreground and background color options are available only for auto programs 5–8.**

To change the auto-program speed on the Freedom Par T6, do the following:
1. Follow steps 1–4 above to select an automatic program.
2. Use **<UP>** or **<DOWN>** to select **Speed**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to increase or decrease the program speed, from **0–100**.
5. Press **<ENTER>**. The product will return to the last selected mode.

Sound Sensitivity

To set the sound sensitivity on the Freedom Par T6, follow the instructions below:
1. Press **<MENU>** repeatedly until **Sound Show** is displayed.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to increase or decrease the sound sensitivity, from **000–100**.
4. Press **<ENTER>**.

D-Fi Setting

To access the D-Fi Setting menu on the Freedom Par T6 do the following:
1. Press **<MENU>** repeatedly until **D-Fi Setting** shows on the display.
2. Press **<ENTER>**.

To activate or deactivate the D-Fi mode on the Freedom Par T6, follow the instructions below:
1. Access the D-Fi Setting menu to select the **D-Fi On/Off** option.
2. Use **<UP>** or **<DOWN>** to select **On** (to activate D-Fi mode) or **Off** (to deactivate D-Fi mode).
3. Press **<ENTER>**.

To set which D-Fi mode the Freedom Par T6 will follow, do the following:
1. Access the D-Fi Setting menu to select the **D-Fi Mode** option.
2. Use **<UP>** or **<DOWN>** to select **Receive** (to set the product to receive D-Fi signal) or **Transmit** (to set the product to transmit D-Fi signal).
3. Press **<ENTER>**.

To set the D-Fi channel on the Freedom Par T6, follow the instructions below:
1. Access the D-Fi Setting menu to select the **D-Fi Channel** option.
2. Use **<UP>** or **<DOWN>** to set the D-Fi channel, from **CH01–CH16**.
3. Press **<ENTER>**.

RF Setting

To set how the Freedom Par T6 will receive RF signal and work with RF remotes, do the following:
1. Press **<MENU>** repeatedly until **RF Setting** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select from the following: **Link** (to link the product to a single RF remote), **Public** (to allow the fixture to respond to all RF signals), **Group** (to set which group of fixture the RFC/RFC-XL remote will control), or **Off** (to turn off RF reception).
4. Press **<ENTER>**.

To set the RF Group:
5. Use **<UP>** or **<DOWN>** to select **Group 1–4**.
6. Press **<ENTER>**.

Run Time

To adjust the run time on the Freedom Par T6:
1. Press **<MENU>** repeatedly until **Run Time** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the number of hours the fixture will run: **3 Hours**, **5 Hours**, **8 Hours**, **12 Hours**, or **Off**.
4. Press **<ENTER>**.

> **The maximum output is inversely proportional to the run time: The brighter the output, the less run time available.**

Dimmer Mode

To select the dimmer mode, follow the instructions below:
1. Press **<MENU>** repeatedly until **Dimmer Mode** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select from **Dimmer 1** (fastest) to **3** (slowest) or **Off** (linear dimmer).
4. Press **<ENTER>**.

Display Back Light

To select how long a period of inactivity before the display automatically turns off, do the following:
1. Press **<MENU>** repeatedly until **Dimmer Mode** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the back light timer: **10S** (10 seconds), **30S** (30 seconds), **2Min** (2 minutes), or **Always On**.
4. Press **<ENTER>**.

Password

To password protect a Freedom Par T6 fixture, follow the instructions below:
1. Press **<MENU>** repeatedly until **Password** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **On** (activates password protection) or **Off** (deactivates password protection).
4. Press **<ENTER>**.

> **When the password protection is activated, the product will prompt for the passcode in order to access the menu. The passcode is: <UP>, <DOWN>, <UP>, <DOWN>, <ENTER>.**

Product Information

To view the product information, do the following:
1. Press **<MENU>** repeatedly until **Information** shows on the display. Press **<ENTER>**.
2. Use **<UP>** or **<DOWN>** to choose among:
   • **Fixture Hours** – to display the number of hours the fixture has been powered on
   • **LED Hours** – to display the total LED hours used
   • **Version** – to display the current software version of the fixture

Factory Reset
To reset the product to factory default settings, follow the instructions below:
1. Press **<MENU>** repeatedly until **Information** shows on the display. Press **<ENTER>**.
2. Use **<UP>** or **<DOWN>** to select **No** (cancel) or **Yes** (reset).
3. Press **<ENTER>**.

Master/Slave Mode
The Master/Slave mode allows a single Freedom Par T6 product (the "master") to control the actions of one or more Freedom Par Q9 products (the "slaves") without the need of a DMX controller. The master product will be set to operate in Standalone, whereas the slave products will be set to operate in Slave mode. Once set and connected, the slave products will operate in unison with the master product. Configure the products as indicated below.

Slave products:
1. Press **<MENU>** repeatedly until **D-Fi Setting** shows on the display. Press **<ENTER>**.
2. Use **<UP>** or **<DOWN>** to select **D-Fi Mode**. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Receive**. Press **<ENTER>.**
4. Press **<MENU>** repeatedly until **Slave Setting** shows on the display. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select the slave unit(s), from **Slave1–4**. Press **<ENTER>**.
6. Set the DMX address to **001**.
7. Set the D-Fi to receive a specific channel, **CH01–CH16**.
8. Finish setting and connecting all the slave products.

Master product:
1. Set the master product to operate in standalone mode.
2. Set the D-Fi to transmit on the D-Fi channel the slaves are receiving on.

- **For more information on how to activate the Freedom Par T6 built-in D-Fi, see D-Fi Setting.**
- **All products must be set to the same DMX personality, DMX address, and D-Fi channel.**
- **Configure all the slave products before configuring the master to transmit.**
- **Never connect a DMX controller to a D-Fi channel configured for Master/Slave operation because the controller may interfere with the signals from the master.**

RFC-XL Remote Control
The Freedom Par T6 can be operated with an RFC remote or an RFC-XL remote (sold separately). To enable RF control, follow the instructions below:
1. Press **<MENU>** repeatedly until **RF Settings** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select among **Link** (links the fixture to a single RF remote), **Public** (enables the fixture to respond to all RF signals), **Group** (sets which group of fixture the RFC-XL remote will control), or **Off** (deactivates RF).
4. Press **<ENTER>**.

For more information about using an RFC or RFC-XL remote, download the user manuals from www.chauvetdj.com

---

RFC-XL Remote Control Operation
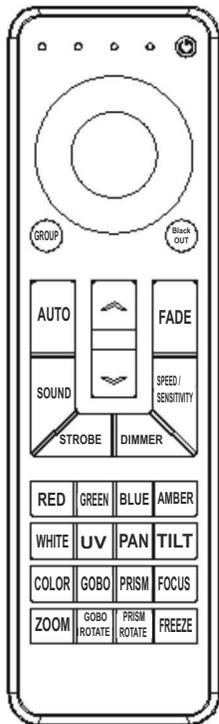
COLOR PICKER

The color picker can be used to select colors manually instead of cycling through preset colors. In addition, the color picker can increase or decrease the value of several functions in the fixture such as the dimmer, pan, or tilt.

To manually select a color or adjust the value of a function:

1. Select function such as **<PAN>**, **<DIMMER>**, **<COLOR>, <STROBE>** or **<FOCUS>**.
2. Press any part of the color picker and scroll clockwise or counterclockwise.

BLACK OUT

To black out the lights of the product:

1. Press **<BLACK OUT>**. This will turn off all the lights until the button is pressed again.

AUTO

Automatic mode will enable user to run the automatic programs on the product.
To turn on Automatic mode:

1. Press **<AUTO>**.
2. Press **<UP>** or **<DOWN>** to choose between the different auto programs.

To adjust the speed of the automatic program:

1. Press **<SPEED>**.
2. Press **<UP>** or **<DOWN>** to increase or decrease the speed of the program.

SOUND

Triggers built in sound programs.

1. Press **<SOUND>**.
2. Press **<SPEED/SENSITIVITY>**.
3. Press **<UP>** or **<DOWN>** or use the color picker to increase or decrease the sensitivity.

STROBE

Triggers strobe mode in the fixture.

1. Press **<STROBE>**.
2. Press **<UP>** or **<DOWN>** or use the color picker to adjust the strobe.

DIMMER

Triggers dimmer mode in the fixture.

1. Press **<DIMMER>**.
2. Press **<UP>** or **<DOWN>** or use the color picker to adjust the brightness.

COLOR

The color function cycles through the fixture's preset colors.

1. Press **<COLOR>**.
2. Press **<COLOR>** again or use the color picker to adjust colors.

Note: Does not apply to all fixtures.

FREEZE

To stop all movement and color chasing in all fixtures:

1. Press **<FREEZE>**.

NOTE: The RF remote will not respond to any inputs when Freeze is activated. If the product does not respond when a button is pressed, try pressing **<FREEZE>**. Freeze may have been activated.

The RFC and RFC-XL remotes will not respond to any inputs when Freeze or Black Out is activated. If the remote does not respond when a button is pressed, try pressing <FREEZE> or <BLACK OUT>. User may have inadvertently activated Freeze or Black Out.

6. Technical Specifications

Dimensions and Weight

Freedom Par T6

Length	Width	Height	Weight
3.9 in (98 mm)	3.9 in (98 mm)	5.1 in (130 mm)	2.6 lb (1.2 kg)

Note: Dimensions in inches rounded.

Power

Power Supply Type	Range
External	100-230 VAC, 50/60 Hz

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	35 W	35W
Operating current	0.52 A	0.33 A

Light Source

Type	Quantity	Color	Power	Current	Lifespan
LED	6	Tri-color RGB	3 W	0.7 A	50,000 hours

Photometrics

Parameter	Value
Strobe rate	0 to 27 Hz
Beam angle	13°
Field angle	29°
Illuminance @ 2 m	1,876 lux

Thermal

Maximum External Temperature	Cooling System
104 °F (40 °C)	Convection

DMX

Input/Output	Channel Range
D-Fi	3, 5, or 13

Ordering

Product Name	Item Code	UPC Number
Freedom Par T6	03032067	781462224158

RoHS

Contact Us

General Information	Technical Support
Chauvet World Headquarters	
Address: 3360 Davie Rd.	Voice: (844) 393-7575
Davie, FL 33314	Fax: (954) 756-8015
Voice: (954) 577-4455	Email: chauvetcs@chauvetlighting.com
Fax: (954) 929-5560	
Toll Free: (800) 762-1084	Website: www.chauvetprofessional.com
Chauvet U.K.	
Address: Pod 1 EVO Park	Email: UKtech@chauvetlighting.eu
Little Oak Drive, Sherwood Park,	
Nottinghamshire, NG15 0EB	Website: www.chauvetprofessional.eu
UK	
Voice: +44 (0) 1773 511115	
Fax: +44 (0) 1773 511110	
Chauvet Benelux	
Address: Stokstraat 18	Email: BNLtech@chauvetlighting.eu
9770 Kruishoutem	
Belgium	Website: www.chauvetprofessional.eu
Voice: +32 9 388 93 97	
Chauvet France	
Address: 3, Rue Ampère	Email: FRtech@chauvetlighting.fr
91380 Chilly-Mazarin	
France	Website: www.chauvetprofessional.eu
Voice: +33 1 78 85 33 59	
Chauvet Germany	
Address: Bruno-Bürgel-Str. 11	Email: DEtech@chauvetlighting.de
28759 Bremen	
Germany	Website: www.chauvetprofessional.eu
Voice: +49 421 62 60 20	
Chauvet Mexico	
Address: Av. de las Partidas 34 - 3B	Email: servicio@chauvet.com.mx
(Entrance by Calle 2)	
Zona Industrial Lerma	Website: www.chauvetprofessional.mx
Lerma, Edo. de México, CP 52000	
Voice: +52 (728) 690-2010	

Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: www.chauvetlighting.com/warranty-registration.

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: www.chauvetlighting.eu/warranty-registration.