



CBOX-5 USER MANUAL

BLAST HUB FX

1 BEFORE YOU BEGIN

1.1 What Is Included

CBOX-5 Blast Hub FX × 1 Case × 1 Power Adapter× 1 Security Key × 2 Warranty Card × 1

1.2 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.

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier or dealer/seller immediately. In addition, keep the box and contents for inspection.

1.3 Symbols

Symbol	Meaning
Caution	
	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	
	Important installation or configuration information. Failure to comply with this information may keep the product from working correctly.
Information	
	Useful information.

1.4 Disclaimer

The information and specifications contained in this User Manual are subject to change without notice. DJPOWER assumes no responsibility or liability for any errors or omissions and reserves the right to revise or to create this manual at any time.

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1.5 Safety Notes

Please read the following Safety Notes carefully before working with the product. The notes include important safety information about installation, usage, and maintenance.

1.5.1 Personal Safety

- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Make sure that children, unauthorized people and animals do not obtain access to the machine.

1.5.2 Requirements to Be Observed During Installation and Use

- This machine is not rainproof. Please keep the machine dry and do not expose it to rain or damp conditions..
- If liquid spills onto the unit, disconnect the power supply and clean it.
- During thunderstorms or when the unit is not in use for an extended period, disconnect it from the power supply.
- This unit contains no spare parts that are intended for user disassembly, repair, or modification. unauthorized or untrained personnel should not attempt to repair or modify this unit, as doing so may result in damage or malfunction.

2 DESCRIPTION

2.1 Description

The CBOX-5 is a professional DMX stage special effects controller newly launched by DJPOWER. It features a durable, injection-molded body inspired by a tire. A central multi-color LED ring comes to life with dynamic lighting upon startup. The knob screen supports stepless rotation for unified control and programming of multi-channel DMX devices.

The CBOX-5 is fully compatible with all standard DMX effect devices. By intuitive interface, users can quickly access five built-in effect modes and customize programming to meet diverse needs—from standard performances to personalized creative scenes. Ideal for bars, parties, and professional stages.

2.2 Features

- **Durable & Striking Design**

Integrated silicone injection molding with a multi-color LED light ring and rotary color screen.

- **Compatibility & Effortless Control**

Supports all standard DMX protocols. The intuitive interface and stepless rotary DMX knob enable easy multi-device synchronization and fast programming of complex effects.

- **Rich Effects & Customization**

Five built-in effects modes and user-defined programming to meet both standard applications and creative programming needs.

- **Safety Features**

Dedicated safety key switch and emergency stop function to keep every show accident-free.

- **Wireless & Long-Lasting**

Large-capacity rechargeable battery with a detachable design, supporting true portable creativity.

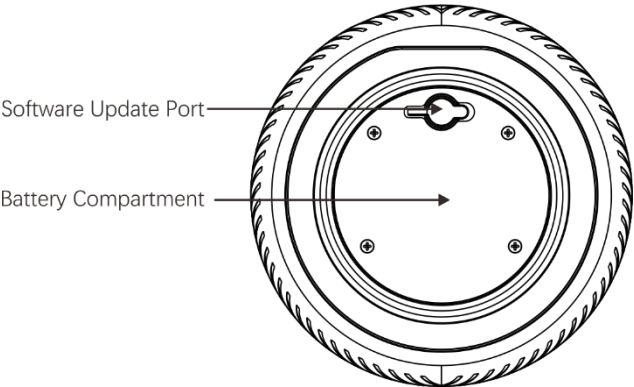
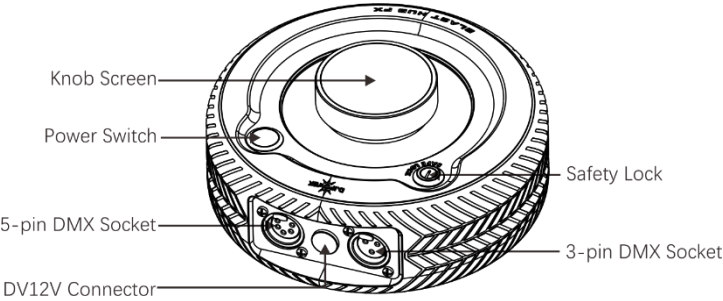
- **Easy Upgrade**

Features an external Type-C port for fast and easy software updates.

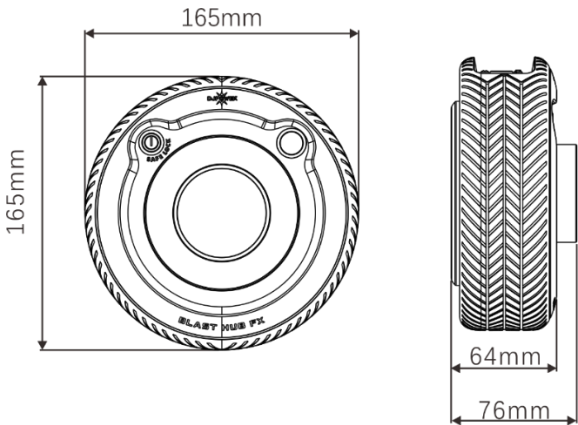
- **Standard Equipment Case Included**

Designed for easy storage and convenient transport.

2.3 Product Overview



2.4 Product Dimensions



3 TECHNICAL SPECIFICATION

DC Power	Power Adapter	DC 12V/3A Power Adapter
	Battery Capacity	2600 mAh
	Stand-by time	3 H
	Charging time	2 H
Weight & Dimensions	Net Weight	1.50 kg
	Gross Weight	2.95 kg
	Machine Dimensions	Diameter 165×76 mm
	Packing Dimensions	320×295×180 mm

4 OPERATION

4.1 Knob Screen—Knob and Button Functions



Button	Function
Press	Switch between the home page and subpages. Press the button to enter or exit a subpage Confirm function – press to trigger the selected control action.
Left rotation (counterclockwise)	Page navigation: Rotate one notch to go to the previous page Option navigation: Rotate one notch to go to the previous option
Right rotation (clockwise)	Page navigation: Rotate one notch to go to the next page Option navigation: Rotate one notch to go to the next option

The pages are divided into the home page, the scene selection page (a subpage of the home page), the preparation page, the operation page, the menu page, and the subpages corresponding to the menu page.

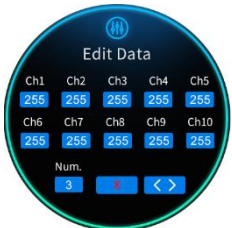
4.1.1 Home Page Specification

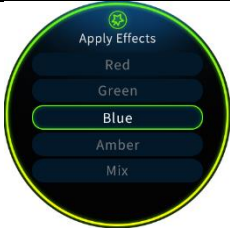
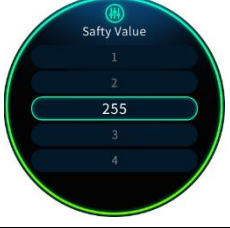
Page	Illustration	Operation	Description
Home Page		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. After the startup animation, the system defaults to the home page; 2. The screen displays the currently selected scene, device model, number of devices, product effects, operating mode, duration, interval, and device battery level.
Scene Selection		1. Enter: Press the knob on the home page; 2. Exit: Press the knob to return to the home page; 3. Select a specific scene: Rotate the knob to make a selection;	1. Each scene can be configured with different device models, product effects, operating modes, duration, interval times, and the number of machines; 2. The operation method of the controller is to parse scenes and send DMX data to the controlled devices.
Preparation Page		1. Enter: Turn the safety key to the ON position to enter automatically; 2. Exit: Turn the safety key to the OFF position to exit automatically; 2. Switch: Press the knob at this point to enter the operation page; release it to return to the standby page;	The screen displays the currently selected scene, machine model, number of machine, product effects, operating mode, duration time, interval time, and device battery level.
Operation Page		1. Enter: Press the knob while on the preparation page. There are three modes to choose from. ① Momentary mode: Press and hold to run; release to stop; ② Continuous mode: Press to start; press again to stop; ③ Timed-cycle automatic mode: Press to start; press again to stop,	1. The screen displays the device model, product effects, operating mode, duration time and interval time for the currently selected scene. 2. On this page, the device will continue to send DMX data until you exit the page;

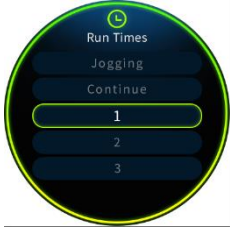
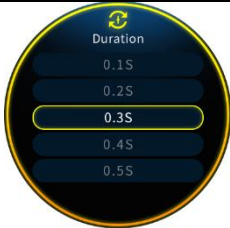
		or it will automatically stop after a preset number of cycles; 2. Exit: This depends on the operating mode of the currently selected scene.	
Menu Page		1. Use the rotary knob to navigate between menu pages; 2. Press the knob to navigate between menus and their submenus	1. Each menu page displays a specific title and the selected parameters; 2. Each menu interface has a different display style, and the lighting effects on the LED panel also vary;
Subpages		1. Switch between submenus and the home page by pressing the knob; 2. Parameter selection: Rotate the knob; 3. Multi-data settings: Rotate to switch between options; press the knob to enter edit mode; use the knob to change the option data; press the knob again to exit edit mode for that option; repeat rotating the knob to switch to the next option...;	1. Parameter settings under the submenu page; 2. Except for the data recovery page, all other pages contain non-volatile data.

4.1.2 Description of the Menu Pages and Submenu Pages

Page	Illustration	Operation	Description
Scene Mode		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Displays the currently selected parameters; 2. The submenu displays the available options: Custom Mode, Default Mode;

Custom device model (The scene is in custom mode)		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Displays the currently selected parameters; 2. The submenu displays available parameters: custom device model code;
Channel Data (The scene is in custom mode)		1. Rotate the knob to switch between menu pages; 2. Press the knob to enter a subpage; 3. On a subpage, rotate the knob to switch options; press the knob to enter edit mode; rotate the knob again to change the option value; press the knob once more to exit edit mode. Note: To exit a submenu, simply select the exit option and press the knob.	1. Displays the currently selected parameters; 2. The submenu displays editable items: ① Total number of channels; ② Values for each channel; ③ Page navigation and exit the submenu.
Product Model (The scene is in default mode)		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Display the currently selected parameter; 2. The submenu displays available parameters: device models provided by the imported device configuration table;
DMX Address		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Displays the currently selected parameter; 2. The submenu displays available parameters: 1–512 (the range depends on the selected device)

Product Effects (The scene is in default mode)		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Display the currently selected parameter; 2. The submenu displays available parameters: the effects table corresponding to the device model in the selected configuration table;
Number of Machine		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Displays the currently selected parameter; 2. The submenu displays available parameters: 1–512 (the range depends on the number of channels and the starting address code of the selected device)
Motion Mode		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Display the currently selected parameter; 2. The subpage menu displays the available options: align, left to right, right to left, center to both sides, both sides to center.
Safety Channel		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Displays the currently selected safety channel number; 2. The submenu displays available options: two safety channels are available for selection;
Safety Parameters		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Display the value of the currently selected safety channel number; 2. The submenu displays the available parameters: 0–255

Number of Operations		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Displays the currently selected parameter; 2. The submenu displays available options: ① Momentary, ② Continuous, ③ 1–9998 cycles; 3. The specified number of cycles must be used in conjunction with the duration and interval settings;
Duration		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Displays the currently selected parameter; 2. The submenu displays available parameters: 0.1–300 s
Interval		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Displays the currently selected parameter; 2. The submenu displays available parameters: 0.1–600 s
Initialization Mode		1. Rotate the knob to switch between menu pages; 2. Press the knob to switch between subpages;	1. Display the currently selected parameter; 2. The submenu displays available options: Initialize system data, Delete scene data;

4.2 Control Mode

This device connects to controlled devices via two physical interfaces: a 3-pin DMX XLR input and a 5-pin DMX XLR output. Additionally, it provide DC12V round charging port for recharging the battery.

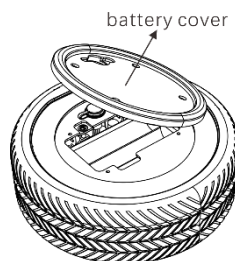
The controller triggers DMX data transmission by parsing data on a per-scene basis. Therefore, first select a scene number. Next, bind a series of data and effects to the selected scene, such as device model, product effects, motion mode, and number of operations. After configuring the scene data, flip the safety key to the ON position to enter standby mode, then press the knob to control the connected devices according to the configured scene conditions. Scenes are divided into two modes: default mode and custom mode. In default mode, scenes can only bind to and modify device information contained in

configuration files downloaded from a host computer. Custom mode provides 10 devices (D-x) for which channel information can be customized via the controller. In each mode, menu pages not relevant to that mode are hidden.

4.3 Battery Installation and Charging Operation Guide

4.3.1 Install the battery into the battery compartment

The machine uses 2×18650 batteries. Open the battery compartment as illustrated. Observe the positive and negative markings (typically "+" and "-" symbols) in the slots. Insert the two 18650 batteries one by one, aligning the positive terminals (flat ends) of the batteries with the "+" marks in the slots. Press the batteries until you hear a click, ensuring that the spring contacts are securely fastened. Confirm there is neither loose battery or abnormal noise, then close the battery compartment.



 For first battery installation or each removal/reinstallation, be sure to use our original power adapter to charge for 3 seconds to activate the battery for normal use.

Safety Tips

Only 18650 lithium batteries are permitted (single-cell capacity $\geq 2500\text{mAh}$, discharge rate $\geq 10\text{C}$, capacity/brand/condition (new or used) must be consistent).

Prohibited Operations

- Do not mix batteries of different specifications.
- Do not install the battery in reverse, short circuit or use damaged batteries. (leakage/swelling/deformation)
- Do not use non-matching chargers.

4.3.2 Connect the power adapter to charge

- Please use the 12V power adapter that came with the device. Firmly insert the adapter's DC output (round plug) into the "DC 12V" charging connector on the device, and plug the other end into a power outlet.
- Once connected, the battery icon on the device's display will show that it is charging.
- To ensure optimal battery performance, please be sure to charge the battery continuously for 4–6 hours or until the battery icon on the display reaches 100% during the first charge.
- Once the battery icon on the display reaches 100%, please disconnect the power to avoid overcharging.
- When disconnecting the power, please first unplug the DC plug from the device, and then unplug the adapter from the power outlet.

Safety Tips

- Charge the device in a well-ventilated environment with suitable temperature, away from high temperature, humidity, and flammable and explosive items.
- Please use the 12V power adapter that came with the device. Using an adapter with different specifications may result in charging failures, damage to the device, or even pose a safety hazard.
- Check the battery regularly to see if it is swollen, leaking or damaged. If found, please replace it in time.
- For long-term storage, please remove the battery and store it in a dry, cool place.
- It is recommended to use an insulated battery box for transportation and storage to prevent metal objects from contacting the electrodes.
- This operation must be performed by adults, keep away from children and pets.

4.4 Software Update

The device also comes with PC-based host computer software for creating configuration files. Use this software to add device models, effects, and other data, and then connect the computer to the controller via a Type-C cable to transfer configuration files and update the firmware.