COLBOR CF3

COLBOR CF3 Portable Fog Machine

User Manual

1. INTRODUCTION

The COLBOR CF3 Portable Fog Machine is a compact and versatile device designed to produce fog effects for various applications, including photography, events, and creative projects. This manual provides essential information for the safe and effective use of your device.

Image 1.1: The COLBOR CF3 Portable Fog Machine in operation.

2. PACKAGE CONTENTS

Verify that all items are present in your package before initial use:

- CF3 Unit
- Oil Tank
- Silicone Cover
- Remote Control
- Liquid Guide Pipe
- Nozzle
- Straight Adapter Tube
- Curved Adapter Tube (x2)
- Charging Cable (Type-C)
- Cotton Sleeve
- 60ml Fog Liquid

- USB Mini Fan

Image 2.1: Complete package contents of the COLBOR CF3 Portable Fog Machine.

3. SETUP

3.1. Filling the Fog Liquid Tank

1. Remove the oil tank from the main unit.
2. Carefully fill the tank with 10-12 ml of professional fog liquid. Do not overfill. Only use professional fog juice; other liquids may damage the device.
3. Ensure the atomizer is firmly tightened after filling.
4. Wait for approximately 5 minutes after filling for the liquid to saturate the atomizer.

Image 3.1: Instructions for filling the fog liquid tank and initial waiting period.

3.2. Attaching Accessories

The CF3 comes with various accessories to customize fog effects:

- **USB Mini Fan:** Connect the USB-A detachable fan to the accessory port to help spread fog evenly for a diffused background effect.
- **Adapter Tubes & Nozzle:** Attach the straight or curved adapter tubes and nozzle to direct the fog output as needed.
- **Flexible Hose:** Use the flexible hose for precise fog placement or to create specific effects like a 'dry ice' appearance.
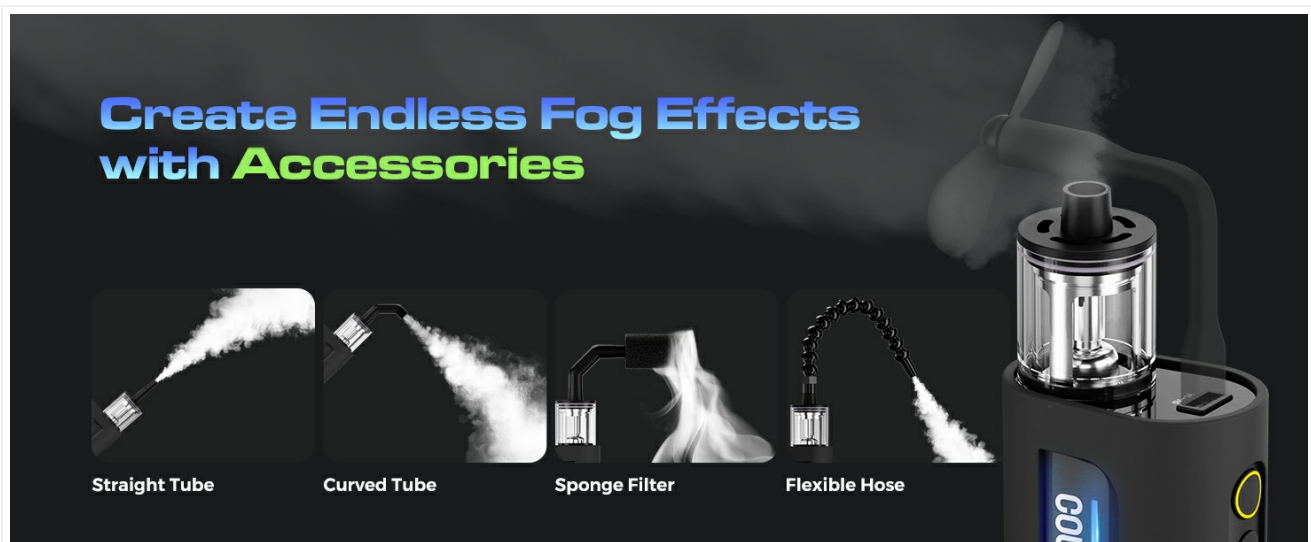

Image 3.2: Examples of fog effects achievable with included accessories.

Image 3.3: The bendable USB fan attached to the CF3 unit for fog diffusion.

3.3. Charging the Device

The CF3 is powered by a 2500mAh 18650 battery. Use the provided Type-C (5V 2A) charging cable to charge the device. You can connect it to a laptop, power bank, or a standard USB wall adapter.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

Press and hold the power button on the device to turn it on or off.

4.2. Adjusting Fog Density

The device offers 5 adjustable fog density levels. Use the up and down buttons on the unit or the remote control to select your desired intensity, from a light haze to thick smoke.

Image 4.1: Display indicating the 5 adjustable fog density levels.

4.3. Using the Remote Control

The included wireless remote control allows you to trigger fog production from up to 10 meters away. This is ideal for self-shooting or controlling multiple CF3 units simultaneously.

Image 4.2: Using the remote control for hands-free operation.

4.4. Safety Features

- **60° Tilt-Over Protection:** The device automatically stops fog generation if tilted beyond 60° to prevent spills and ensure safety.
- **Smart Overheat Alarm:** An alarm will sound if the internal coil becomes too hot, providing protection during extended use. The device is built with heat-resistant materials to keep the surface cool.

Image 4.3: The 60° tilt-over protection feature in action.

Image 4.4: Overview of COLBOR CF3 safety features.

4.5. Mounting Options

The CF3 features a standard 1/4" screw hole at the bottom, allowing it to be mounted on tripods or light stands for stable, hands-free operation.

Image 4.5: Mounting the CF3 on a tripod for flexible fog control.

5. MAINTENANCE

5.1. Refilling the Tank

Refill the tank when the liquid level reaches approximately 1/3 of its capacity to ensure optimal performance and protect the atomizer from dry firing.

5.2. Tank Replacement

The fog liquid tank is a consumable component. If you experience long-term overload, a burnt odor, or consistently low fluid volume (below 30%), it is recommended to replace the tank with an official COLBOR tank.

Image 5.1: Guidance on when to replace the fog liquid tank.

5.3. Cleaning

The CF3 produces clean, odorless, and residue-free fog. For general maintenance, ensure the exterior of the device is kept clean and free from dust. If any liquid spills, wipe it immediately with a soft cloth.

6. TROUBLESHOOTING GUIDE

Refer to the following common issues and their solutions:

Issue	Solution
Device doesn't work.	Check & Fill: Ensure the atomizer is firmly tightened and the tank has enough fog liquid (fill 10 - 12 ml for first use). Use Correct Liquid: Only use professional fog juice. Water or other liquids will damage the device.
It keeps turning off every few minutes.	This is normal. The device pauses for 30 seconds after 5 minutes of continuous operation to prevent overheating. You may restart after the pause.
How do I prevent a burnt smell (dry hit)?	Always tilt the nozzle upward at least 30° during use. Use the flexible tube for other angles and avoid low liquid levels.
When should I refill the tank?	Refill when the liquid reaches approximately 1/3 of the tank for best performance and atomizer protection.
Is it normal to see liquid traces in a new unit?	Yes. Every unit is factory-tested, which may leave minimal liquid residue.
What charger should I use?	Use a standard 5V/2A charger only.

Image 6.1: Visual troubleshooting guide for common issues.

7. SPECIFICATIONS

Feature	Detail
Model	CF3
Output Power	30W
Fog Density Levels	5 adjustable levels
Battery Capacity	2500mAh (18650)
Cumulative Fogging Time (Max Output)	Approx. 30 minutes
Charging Port	Type-C (5V 2A)
Oil Tank Capacity	12ml
Remote Control Range	Up to 10 meters
Tilt Protection	60° automatic shut-off
Weight	334.5g (0.737 lb)
Dimensions	71 x 46 x 145mm
Mounting	1/4" screw hole

8. PRODUCT VIDEOS

8.1. COLBOR CF3 Portable Fog Machine Overview

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Video 8.1: An overview of the COLBOR CF3 Portable Fog Machine, highlighting its key features and applications.

8.2. COLBOR CF3 vs. Competitors: Performance Comparison

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9. WARRANTY AND SUPPORT

9.1. Warranty Information

For detailed warranty information regarding your COLBOR CF3 Portable Fog Machine, please refer to the warranty card included in your product packaging or visit the official COLBOR website. Keep your proof of purchase for warranty claims.

9.2. Customer Support

If you encounter any issues or have questions not covered in this manual, please contact COLBOR customer support through their official website or the contact information provided with your product. Provide your product model (CF3) and purchase details for efficient assistance.