

Le Torcia

Operator's Manual

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Note: Please read entire manual before operating the Le Torcia

Introduction

The Le Torcia is a breakthrough for stage productions requiring a real flame torch. Designed by acclaimed Broadway special effects designer; Greg Meeh. Years of refinement and on stage use has made this a professional and reliable torch to use. The Le Torcia is available in manual and electric start. It has an adjustable flame height, Gas Safety Release and Light Weight Design. It is powered with 2 oz. disposable butane canisters. Additional brackets and scenic fittings will be made available as options.

Safety Precautions

All materials that are used for scenery, costumes, wigs, properties and all close-proximity items must be fire retardant.

Make certain that all fire prevention equipment is operative and properly deployed and ensure an adequate number of trained personnel are familiar with the fire prevention/control equipment.

Personnel should be familiar with all approved safety precautions and procedures for handling butane-flamed torches on stage. If you have any questions, please contact your local fire authority.

The Le Torcia is designed to be used in the upright position only - tipping the torch past 45 degrees from vertical will cause the torch to flare up. All persons using the Le Torcia should be warned of this as it can frighten an inexperienced operator.

Butane Cylinder

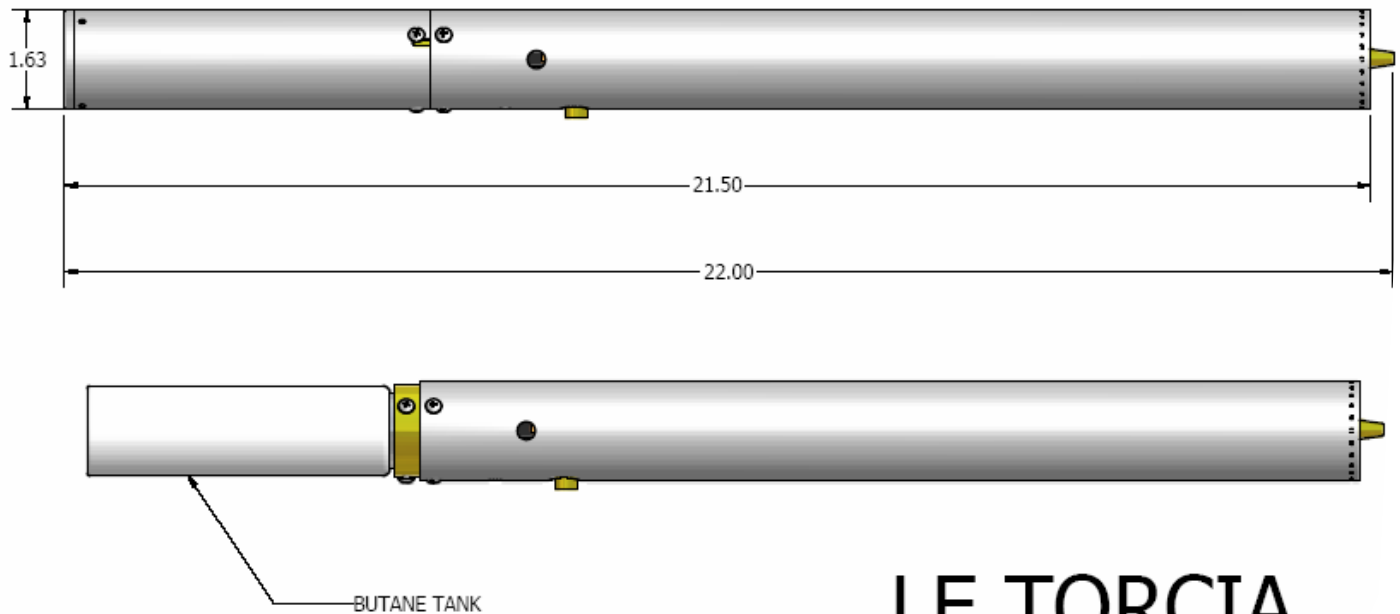
Caution: Contains Butane

Use with care to avoid accidental fires. Do not puncture or incinerate. Exposure to high temperatures may cause bursting. Keep away from radiators, stoves, hot water and other heat sources. Keep out of reach of children. Please read instructions thoroughly.

Technical Specifications

Model:	Le Torcia	
Part Number:	FLA 5000 - Le Torcia (Manual Ignition) FLA 5006 - Le Torcia (Electric Ignition)	
Length:	21in	53.34cm
Width:	1.625in	4.13cm
Ignition:	Electric and Manual	
Power Source:	2 oz. Butane Canister	
Run Time:	(2 oz.) 30 mins - The Butane Run Time is an approximation based on the Flame Height and local elevation.	
Adjustable Flame Height:	Manual Operation	

Technical Drawings



Installation Procedure

Butane Cylinder

Inspect torch for any visible damage incurred during shipping

Do not use if damage is evident

Inspect for any dirt or debris in the thread receptor for the butane cylinder and remove (if any), and check 'o' ring integrity.

Take cap off the butane cylinder

In a smooth and continuous motion, thread the cylinder clockwise into the top portion of the torch(brass thread receptor)

You may hear or smell a small amount of butane escape the torch as the cylinder seats

Allow two minutes for this gas to escape before lighting.

Safety First: If you hear or smell a gas leak after the cylinder has been installed and the valve button is not pushed in, do not use. Return the torch for service.

Tech Tip - Clearing accumulated liquid/gas pressure

If the line is filled with liquid butane by storing the torch on its side with the canister in or by the operator turning the torch past 45° from vertical then safely release the accumulated gas/liquid pressure before lighting or you may experience a flare-up on lighting. To do this simply press the fuel valve button for 3-4 seconds to release the liquid/gas pressure, do not ignite at this time. Allow 2 minutes for butane to dissipate and light the torch as described above.

To Light Electronic Ignition Model

After the cylinder is installed and you are sure there are no gas leaks, hold the torch with the burner facing away from people and flammable objects.

1. Press the ignitor button (you should hear a clicking sound at the end of the torch). The Le Torcia produces a high voltage spark, do not point the torch at people or flammable objects while the ignitor button is pressed.
2. Press the fuel valve button in on the torch to release the gas and light. The fuel valve button is spring loaded for safety and must be held in the 'On' position.
3. Release the electronic ignitor button.

Adjust the flame height by using a #0 slotted screwdriver to turn the recessed feed valve near the on/off button. Always adjust when flame is lit.

To Light Manual Model

1. Hold the torch with the burner facing away from people and flammable objects.
2. Press the fuel valve button for 3-4 seconds to release the liquid/gas pressure, do not ignite at this time.
3. Allow 2 minutes for butane to dissipate.
4. Press the fuel valve button and light the torch with a long match or other type of extended lighter (i.e. barbeque lighter)

For safety purposes, remove the butane canister from the torch before storing. If you store the torch horizontally, there is a risk of liquid running into the lines and may cause flare-ups.

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