

# **Le Torcia**

## Operator's Manual

# Table of Contents

<b>Introduction</b> .....	<b>3</b>
<b>Safety Precautions</b> .....	<b>3</b>
<b>Technical Specifications</b> .....	<b>4</b>
Technical Drawings .....	4
<b>Installation Procedure</b> .....	<b>5</b>
<b>Warranty</b> .....	<b>7</b>
<b>Contact Information</b> .....	<b>7</b>

**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 light weight, and designed with an electric start, adjustable flame height and a gas safety release valve. It is powered with 2 oz. disposable butane canisters.

## 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

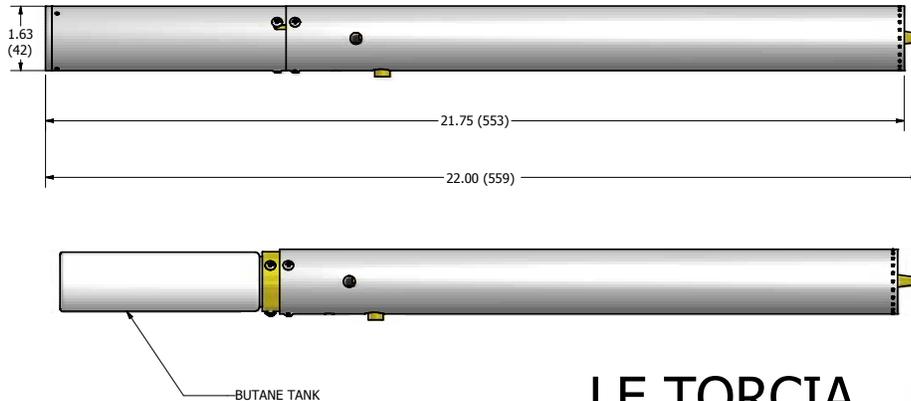
**Caution:** Contains Butane

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.

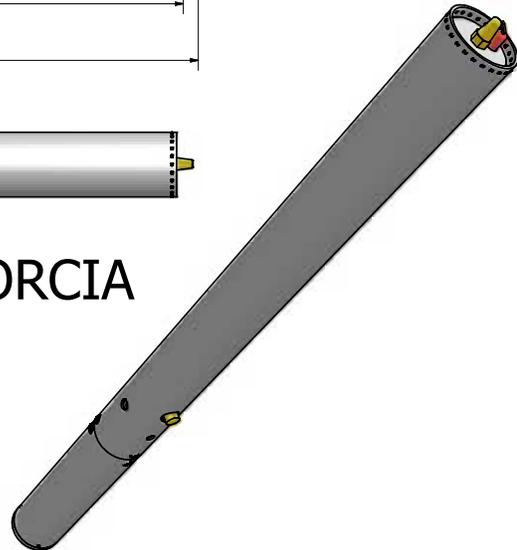
# Technical Specifications

<b>Model:</b>	Le Torcia	
<b>Part Number:</b>	FLA 5006 - Le Torcia (Electric Ignition)	
<b>Length:</b>	22in	53.34cm
<b>Width:</b>	1.625in	4.13cm
<b>Ignition:</b>	Electric and Manual	
<b>Power Source:</b>	2 oz. Butane Canister	
<b>Run Time:</b>	(2 oz.) 30 mins - The Butane Run Time is an approximation based on the Flame Height and local elevation.	
<b>Adjustable Flame Height:</b>	Manual Operation	

## Technical Drawings



LE TORCIA



# 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. When you release the electronic ignitor button the flame will stop.

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. Flame heights above 6" will not be sustainable due to the small butane cylinder size.

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.

**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.



# Warranty

<b>Warranty:</b>	Hardware products come with a one year warranty on parts and labor. Unless stated otherwise, this will refer to manufacturer defects only. All warranty is based on destination of the original sale. Any additional costs incurred are the responsibility of the Dealer and/ or the customer. Abuse or poor maintenance is not accepted. Proof of purchase or proof of sale must always accompany all warranty returns. An RA (Return Authorization) number must be noted on the outside of each box being returned to our facility. Any package(s) without an RA number clearly marked, will not be accepted by our receiving department. Freight on warranty items are freight prepaid to our facility and we will prepay freight back to your facility following repair. This will be done by the most economical means available. Should you require the item express-returned, the dealer is responsible for request indication and any difference in freight cost.  Export Distributors are required to carry out the warranty repair, parts will be supplied by Ultratec.
<b>Return Policy:</b>	Return of any product must be done within 30 days of purchase. The package must be returned freight prepaid and the RA number clearly marked on the outside of the box.
<b>Warning:</b>	Ultratec Special Effects considers all of it's product to be safe for use in the application it was intended. Ultratec Special Effects takes no responsibility for misuse or incorrect use. Always refer to the Product Manual for proper use.

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## Contact Information

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### Canadian Shipping Address

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### USA Shipping Address

(For All USA Repairs)  
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Groveland, Florida 34736

Please remember to include the **RA Number on all items being shipped for repairs.**

To retrieve an RA Number visit [www.ultratecfx.com](http://www.ultratecfx.com) and click on the "Service" section. Then click on "Return Authorization Request" which is located on the left hand side of the page.

If you have any questions or require assistance please contact service at 519-951-3357/866-534-5557 or by email at [Service@Ultratecfx.com](mailto:Service@Ultratecfx.com).