CONTENTS

1. INTRODUCTION
   - Safety, Co2 warnings, maintaining safe Co2 levels.

2. INCLUDED COMPONENTS
   - Co2 Jet, Neutrik True1 power cord, Co2 hose, Co2 washers, Co2 tank attachment tool, output terminator.

3. QUICK START GUIDE
   - Unpacking items, setting up the Co2 Jet, attaching Co2 hose, hooking up Co2 tank, test firing.

4. ADDITIONAL INSTRUCTIONS
   - Daisy chaining jets, adjusting output angle, DMX control, momentary power control.

5. Co2 TANK REQUIREMENTS & TECHNICAL SPECIFICATIONS
   - Co2 tank size recommendations, Co2 tank & refill suppliers, technical specifications. (Power requirements, consumption, size, weight, finish).

6. PARTS GLOSSARY
   - Output barrel, signal indicator, DMX interface, DMX input & output, power input & output, adjustment knob, Co2 inlet & outlet, removable base.

7. TERMS & CONDITIONS & WARRANTY INFORMATION
   - Including safe operation techniques, restrictions, and other useful information. This section also outlines our warranty and return policies.

8. TECHNICAL SUPPORT
   - Contact information and shipping address.
INTRODUCTION

Thank you for choosing Club Cannon® for your Co2 special effects equipment. Before use, we strongly suggest you read the user manual carefully. By following the instructions in the user manual, it will ensure your safety while operating the machine, ensure you achieve the best effect, as well as inform you the correct way to care for and maintain the machine, in order to prolong the products lifespan.

SAFETY

- Never place objects of any kind inside the barrel.
- Never aim or fire the Products at any person or living thing.
- The Products are meant to be used only in well-ventilated areas.
- When using the Products, make sure you are in an open field or a well-ventilated area and are at least fifteen (15) feet away from people or other living things.
- Never hold a Club Cannon® Product by the barrel, especially after it has been used as it becomes extremely cold.
- Once the Product is attached to the CO2 tank and the tank is turned on, the gas passing through the Product will be under pressure. Do not disconnect the fitting connecting the hose to the Product until the tank has been turned off and the remaining gas has cleared through the hose to release the pressure.
- Jets should be mounted or fixed in a safe place. When using the Jets above the ground, always use a safety cable in the event the Product’s mount or fixture should fail for any reason. You must supply the safety cable(s) to use with the Jets. If you are under 18, you should not be using the Products.

WARNING

Carbon dioxide is known as an asphyxiant gas. Carbon dioxide poisoning has been linked to various health issues, including central nervous system damage, permanent deterioration of respiratory functions, suffocation or even death. If you have any health concerns that may be related to the Product’s use of carbon dioxide, consult your doctor before using any of the Products.

Co2 Levels can be measured using a Co2 Monitor.

5,000 PPM is the workplace exposure limit in most jurisdictions.

Check with your local agency to verify any need for permits in your area.
INCLUDED ITEMS

The following components are included with every Club Cannon® Co2 Jet. Double check your package to make sure you have every piece necessary for proper operation of your new co2 Jet.

- **Co2 Jet**
  - The most important piece to the puzzle.

- **TRUE1 Power Cord**
  - Edison to PowerCON True1 cord, suitable for up to 300VAC.

- **Co2 Hose**
  - High pressure Co2 hose, rated for 3000PSI. Equipped with a quick connect and CGA-320.

- **Co2 Washers**
  - Used to seal the connection between your co2 hose and co2 tank.

- **Co2 Attachment Tool**
  - Used to tighten the CGA-320 fitting to your co2 tank.

- **Output Terminator**
  - Used at the end of your Co2 line, terminating the Co2 output.

**WARNING**

- Never use knock off components. (Hoses, fittings, etc.) These can create dangerous situations.
- This product is only compatible with Liquid Co2 Cylinders, (Siphon Tanks). Never use any other kind of gas (Nitrogen, Helium, Argon, ETC).
The following steps will outline how to properly setup your Club Cannon® Co2 Jet. Always follow these instructions in order, to prevent any operational problems. If you detect a leak during setup, immediately turn off your Co2 tank, clear the remaining gas through the line, and contact us to help evaluate the possible causes.

1. **Unpack All Items**

   Begin by unpacking all items included with the Co2 Jet. You should have all the parts listed on page 3 of this manual.

2. **Setting up The Co2 Jet**

   Place the Co2 Jet in a safe place, where it cannot be accessed by patrons. Keep at least 15 feet away from your audience. Plug in the supplied Neutrik True1 Power cord. Turn clockwise to lock in place.

3. **Attaching Co2 Hose to Jet**

   Once your Co2 jet is secured in place, attach the Co2 hose by pulling back on the sleeve of the quick connect fitting. Push firmly to lock the quick connect hose onto the Co2 jet.

4. **Hooking Up The Co2 Tank**

   Place the plastic washer inside the fitting that connects to the tank, then attach the fitting. Tighten with the supplied tool, or any adjustable wrench. Do not turn on the co2 tank until you have setup the Co2 Jet.

5. **Test Fire**

   Once everything is hooked up, slowly turn on the Co2 tank. Trigger the Co2 jet by DMX control or by addressing the jet to ch0 and cycling the power (for use with relay packs or other momentary power solutions).
INSTRUCTIONS

ADDITIONAL CONFIGURATIONS

1. Daisy Chaining Jets
You can daisy chain up to 4 Club Cannon® Co2 Jets off a single Co2 tank, with our optional daisy chain hoses. Run the first hose from your Co2 tank to Jet #1, and use the daisy chain hoses to connect jets 1-4 together. Terminate the output at the end of the line with the supplied terminator.

2. Adjusting Output Angle
The Club Cannon® Co2 Jet can be angled 90 degrees to best suit different applications. Simply loosen the knob on each side of the jet, adjust to desired angle, tighten the knobs, and you are done!

3. DMX Control
The Club Cannon® Co2 Jet can be triggered with any standard DMX controller. The Co2 Jet operates off 1 channel, (valve open/close). Set to your preferred DMX address using the 3 buttons below the display. Each button controls the individual digit above it. Great for quick address changes!

4. Momentary Power Control
If you do not have a DMX controller, or you would like to use relay packs to trigger the Co2 Jet, simply set the DMX address to “000”. After setting to ch0, cycle the power on the jet. From now on, when the unit receives power, the valve will open automatically.

ALWAYS MARK JETS USING CH0 SO PEOPLE KNOW THE JET FIRES UPON BOOT.
SPECIFICATIONS

Co2 Tank Requirements

All Club Cannon® Products operate with a Siphon Co2 Tank. Using a standard Co2 tank will not produce the desired effect.

We recommend using a 20LB or 50LB Co2 tank. Anything smaller than 20LB will not produce sufficient output.

Co2 Suppliers

Co2 can tanks and refills can be sourced from any local gas or welding supplier. We typically recommend the following suppliers.

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<tr>
<th>Supplier</th>
<th>Website</th>
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<tbody>
<tr>
<td>Praxair</td>
<td><a href="http://www.praxair.com">www.praxair.com</a></td>
</tr>
<tr>
<td>AirGas</td>
<td><a href="http://www.airgas.com">www.airgas.com</a></td>
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Check if either of these suppliers have a branch in your area.

Co2 SUPPLIERS OFTEN REFER TO SIPHON TANKS AS: “DIP TANKS”, “LIQUID TANKS” or “LIQUID WITHDRAWL TANKS”.

TECHNICAL SPECIFICATIONS

<table>
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<tr>
<th>Specification</th>
<th>Details</th>
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| **POWER**     | ● 85-264VAC input  
● 18w power consumption  
● 16A passthrough with TRUE1 |
| **SIZE**      | ● 6” x 6” base, 13 1/4” tall |
| **WEIGHT**    | ● 11 pounds with baseplate  
● 7 1/2 pounds with optional half coupler |
| **COLOR**     | ● Barrel is black anodized aluminum  
● Body is powder coated steel |
PARTS

The following graphic illustrates the essential parts on the Club Cannon® Co2 Jet. It is important that the operator knows the function of each component. Knowing the proper terminology is also good for reference when having the fixture serviced.
TERMS AND CONDITIONS

Use of the Club Cannon® products is subject to the following Terms and Conditions:

Club Cannon® products (collectively the “Product” or “Products”) are not toys. Any misuse of the Products could be extremely dangerous. Club Cannon® Products use carbon dioxide under high pressure to create special effects similar to a fog machine. They are not air cannons and should not be used to shoot projectiles in any fashion. Never place objects of any kind inside the barrel. Never aim or fire the Products at any person or living thing. Never hit any person or object with any of the Products. The Products are meant to be used only in well-ventilated areas. When using the Products, make sure you are in an open field or a well-ventilated area and are at least fifteen (15) feet away from any other living thing. Never hold a Club Cannon® Product by the barrel, especially after it has been used as it becomes extremely cold. Once the Product is attached to the CO2 tank and the tank is turned on, the gas passing through the Product will be under pressure. Do not disconnect the fitting connecting the hose to the Product until the tank has been turned off and the remaining gas has cleared through the vent valve. The pressure in the tank (collectively, the “Jets”) should be maintained in a safe place. When using the Jets above the ground, always use a safety cable in the event the Product’s mount or fixture should fail for any reason. You must supply the safety cable(s) to use with the Jets. If you are under 18, you should not be using the Products.

Carbon dioxide is known as an asphyxiating gas. Carbon dioxide poisoning has been linked to various health issues, including central nervous system damage, permanent impairment of respiratory functions, suffocation or even death. If you have any health concerns that may be related to the Product’s use of carbon dioxide, consult your doctor before using any of the Products. To the extent you may have problems with your back, consult your doctor before using any of the Products in a portable fashion (such as, for illustration purposes only, using the Club Cannon® CO2 tank Backpack).

You must supply the carbon dioxide tank to use with the Products. Club Cannon, LLC, a California limited liability company (the “Company”), accepts no responsibility for claims, damages, losses or injuries arising from the tank or any malfunction thereof.

Acknowledging the foregoing, you voluntarily assume all risks associated with the use of the Products with the full knowledge and appreciation of the risks involved.

The Company disclaims any liability for product defect claims that are due to misuse, improper product selection and/or misapplication of the Products. The Company offers a limited one year, (365) day warranty for each of the Products. If, during the ninety (90) day warranty period (the “Warranty Period”), which shall commence on the original purchase date, a specific component of the Product fails, the Company will repair or replace it at no cost to you. Notwithstanding the foregoing, the purchaser is responsible for all shipping charges associated with sending the Product to the Company for repair and for its return to the purchaser. If, however, any component of the Product fails after the expiration of the Warranty Period, the warranty coverage does not extend to those components or to any damage they may cause. Notwithstanding the expiration of the Warranty Period, the Company will be responsible for the performance of the Products, including any component(s) that were repaired or replaced. This limited warranty shall not apply to failure caused by accident, alterations, misuse or abuse of the Products. The Company shall not be liable for all damages and for all time lost by the owner of the Products. The Company is not liable for all damages and for all time lost by the owner of the Products. The Company has no obligation to replace or repair a Product that has been damaged through misuse or abuse. The Company shall share equally all initial costs of arbitration. The prevailing party shall be entitled to reimbursement of attorneys' fees, costs, and expenses incurred in connection with the arbitration. All decisions of the arbitrator shall be final, binding, and conclusive on all parties. Judgment may be entered upon any such decision in accordance with applicable law in any court having jurisdiction thereof. The arbitrator (if permitted under applicable law) or such court shall enforce the arbitrator's decision.

The Company’s Web site (excluding linked sites) is controlled by the Company from its office within the State of California, U.S.A. By accessing the Web site(s) and/or purchasing the Products, you and the Company agree that all matters relating to your access to, or use of, the Web site(s) and/or the Products shall be governed by the statutes and laws of the State of California, without regard to conflicts of laws principles. Any and all disputes arising out of, or relating to, the Company or the Web site(s) shall be subject to the exclusive jurisdiction and venue of the Superior Court of San Luis Obispo County and the United States District Court for the Central District of California with respect to such matters. Those who choose to access the Web site(s) and/or purchase the Products from locations outside California shall be responsible for compliance with local laws, if and to the extent local laws are applicable. Notwithstanding the foregoing, you agree that the Company shall still be allowed to apply for injunctive relief (or an equivalent type of urgent legal relief) in any jurisdiction.

Except for any claim exercising the injunctive or equitable powers of a court of competent jurisdiction, any action to enforce or interpret this Agreement, or to resolve disputes with respect to this Agreement, shall be settled by arbitration in accordance with California Code of Civil Procedure Sections 1280 through 1294.2 and any successor provisions thereto. The provisions of California Code of Civil Procedure Section 1283.05 regarding the right to take depositions and obtain discovery shall apply to the arbitration. Arbitration shall be the exclusive dispute resolution process. Any party may commence arbitration by sending a written demand for arbitration to the other parties. Such demand shall state the nature of the claim and whether the claim is asserted individually or as a class. The place of arbitration shall be in the County of San Luis Obispo, California. The substantive law of the State of California shall be applied by the arbitrator to the resolution of the dispute. The parties shall share equally all costs of arbitration. The prevailing party shall be entitled to reimbursement of attorneys’ fees, costs, and expenses incurred in connection with the arbitration. All decisions of the arbitrator shall be final, binding, and conclusive on all parties. Judgment may be entered upon any such decision in accordance with applicable law in any court having jurisdiction thereof. The arbitrator (if permitted under applicable law) or such court shall enforce the arbitrator’s decision.

If, for any reason, a court of competent jurisdiction finds any provision of these Terms and Conditions, or portion thereof, to be unenforceable, that provision shall be stricken to the maximum extent permissible so as to effect the intent of the Company as reflected by that provision, and the remainder of these Terms and Conditions shall continue in full force and effect. Any failure by the Company to enforce or exercise any provision of these Terms and Conditions or related rights shall not constitute a waiver of that right or provision.

If any legal proceeding, arbitration or other action relating to this Agreement is brought or threatened for the enforcement or interpretation of these Terms and Conditions or related rights, the prevailing party in any such action(s) should incur any legal fees, including, but not limited to, attorneys’ fees, paralegal fees, expert witness fees and other similar costs, the successful or prevailing party or parties to any such dispute or action shall be entitled to recover their reasonable attorneys’ fees and additional legal costs incurred, together with any other relief to which they may otherwise be entitled, as determined by an arbitrator, judge at trial, or upon appeal or petition.

The Company may make changes to these Terms and Conditions from time to time. When changes are made, the Company will post a new version of the Terms and Conditions on the Web site(s) and enclose a copy of the then-applicable Terms and Conditions in future purchases of the Products.