



## Operating Instructions for

# The Big Blaster™ Confetti Cannon

(U.S. Patent No. 6,364,737)

### **How to Setup the Big Blaster™ Cannon:**

- 1) Remove the road case lid and remove the horn (venturi), CO<sub>2</sub> hose, ratchet strap and 2 aluminum rods with their retaining pins.
- 2) Using the two aluminum rods and the retaining pins, install the horn in the base of the road case. Attach the horn by threading one of the rods through the holes closest to the road case handle first, and then select the angle (3 options) for the horn and, using the second rod, secure the horn at the desired angle.

Note: The handle on the horn (venturi) and the CO<sub>2</sub> nozzle on the horn should be pointing towards the ground – not in the upward position.

- 3) Ratchet strap the CO<sub>2</sub> tanks securely together and secure them to a post, fence, or other immovable object. Remove the metal caps (bell) from the top of the CO<sub>2</sub> tanks.

Note: 2 – 50 pound siphoned tanks are recommended for a full 1-minute effect.

- 4) Connect the CO<sub>2</sub> hose to the tanks, making sure to insert the black CO<sub>2</sub> washer in the brass fittings, and connect firmly to the CO<sub>2</sub> tanks. CO<sub>2</sub> washers are provided zip-tied to the CO<sub>2</sub> hose. Extra washers can be found in the CO<sub>2</sub> tool kit if one is provided. The CO<sub>2</sub> fittings at the tank must be tightened firmly using a 1 1/8" open-end wrench. Please use the 11/16" open-end wrench to hold the hose fitting as you tighten the brass fitting. If you don't hold the hose, the hose will spin and kink as you tighten the brass fittings onto the tank.
- 5) Connect the other end of the CO<sub>2</sub> hose to the horn. This connection does not require the use of a washer. This fitting should be tightened firmly using a 11/16" open-end wrench.
- 6) Test the gas connections. Make sure that the ball valve is in the CLOSED position. This means that the red handle on the ball valve is at a 90-degree angle from the CO<sub>2</sub> hose. When the red handle of the ball valve is parallel to the CO<sub>2</sub> hose this means it is on the OPEN position.

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Open the valves on the top of the CO<sub>2</sub> tanks. You should hear the gas rush into the CO<sub>2</sub> hose, and the hose should stiffen as it comes under pressure. If gas is leaking at the tank connection, you are probably missing a CO<sub>2</sub> washer. See step 4 above. With the valves on the top of the CO<sub>2</sub> tanks still open, test the ball valve (red handle lever) for a brief second to test air flow. Once you know you have a good connection, close the ball valve and tank valves until you are ready to create the confetti effect.

- 7) Position the cannon as you would like to use it for the confetti effect, and lock the wheels to prevent the cannon from rolling during the effect.
- 8) Standby to manually feed the confetti into the Big Blaster™.

### **How to Fire the Big Blaster™ Confetti Cannon:**

- 1) Turn the valve on top of the CO<sub>2</sub> tanks to the open / on position & throw one (1) large handful of confetti into the square hopper located behind the horn so that the confetti settles at the bottom on the metal grate which is at the bottom of the hopper.
- 2) When you receive the cue to begin the confetti effect, turn the red handle of the ball valve to the OPEN position. Proceed to feed the confetti by handfuls into the square hopper located behind the horn. Be careful not to allow anything other than confetti to enter the hopper.

Note: It is recommended that you remove any loose items (hats, sunglasses, etc.) prior to cannon operation as items can get sucked into the hopper and projected into the audience.

To achieve various effects you can adjust the amount of confetti you place into the hopper (denser/fuller look or light snowfall) and/or you can adjust the ball valve positioning to allow more or less air through the system, which will affect the distance of the confetti throw and the velocity.

- 3) When you are finished with all of your confetti and/or run out of CO<sub>2</sub> gas, or you are told to stop the effect by your supervisor, turn the red handle of the ball valve back to the CLOSED position.



## **How to Disconnect the Big Blaster™ Cannon System:**

- 1) Before disconnecting the CO<sub>2</sub> hose from the CO<sub>2</sub> tanks make sure you turn the valves on the top of the CO<sub>2</sub> tanks to the closed position and then bleed out the CO<sub>2</sub> hose by opening the ball valve on the hose.
- 2) Disconnect all of the CO<sub>2</sub> hose connections.
- 3) Remove the rod and pin assembly from the horn and remove the horn from the base of the road case. Place everything back in the case and secure the lid for shipping. Please make sure to unlock the wheels!

**SPECIAL EFFECTS CAN BE DANGEROUS.** Please carefully read the above directions before use. Adults who have been properly instructed in their use should use the cannons. Never point a cannon at anyone or anything. Use at your own risk.

**\*\*IF FURTHER INSTRUCTION IS NEEDED, PLEASE CALL 818-994-7388\*\***  
e-mail: [confetti@artistryinmotion.com](mailto:confetti@artistryinmotion.com)

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## **WARNING**

The Big Blaster Confetti Cannon is designed and produced for use by special effects professionals. This device is part of a system intended to launch confetti, manufactured by Artistry In Motion, Inc. This device can fire confetti in excess of 100 feet. This device emits a loud noise when it is used. It is the responsibility of the operator to ensure his safety and the safety of the public. This device should be loaded and test fired in its show location by the operator prior to use.

- DO NOT FIRE THIS DEVICE DIRECTLY AT ANY INDIVIDUAL.
- DO NOT FIRE ANYTHING FROM THIS DEVICE OTHER THAN CONFETTI.
- DO NOT INSTALL THIS DEVICE OVER A STAGE OR AUDIENCE WITHOUT PROPER SAFETY DEVICES. WHEN IN DOUBT ABOUT AN INSTALLATION CONSULT A PROFESSIONAL RIGGER.
- KEEP THE PUBLIC A SAFE DISTANCE FROM THIS DEVICE AT ALL TIMES.
- DO NOT LEAVE THIS DEVICE UNATTENDED IF IT IS READY TO FIRE.
- IF THIS CONFETTI CANON CONTAINS METALLIC STREAMERS OR CONFETTI BE AWARE THAT THESE PRODUCTS CAN CONDUCT ELECTRICITY. KEEP THEM CLEAR OF ANY POWER LINES OR OTHER ELECTRONIC DEVICES. THE USER MUST TAKE INTO CONSIDERATION THE LOCATION OF POWER LINES, AS WELL AS THE WIND CONDITIONS WHEN DETERMINING IF IT IS SAFE TO FIRE THESE CANNONS IN PROXIMITY TO ELECTRIC POWER.
- BE AWARE THAT CONFETTI CAN CAUSE A SLIPPING OR TRIPPING HAZARD. IT IS THE RESPONSIBILITY OF THE OPERATOR TO ENSURE THAT CONFETTI, WHEN COMBINED WITH THE UNIQUE ATRIBUTES OF THE VENUE, DOES NOT CREATE A HAZARD. CERTAIN MATERIALS ARE MORE PRONE TO CREATING SLIPPING HAZARDS THAN OTHERS. IT IS IMPERATIVE THAT YOU KNOW YOUR MATERIALS AND THE ENVIRONMENT IN WHICH YOU ARE USING THEM.