



# Technical Datasheet

## CO<sub>2</sub> Jet XL

### Specifications:

Equipment Size:  
H35 x W26 x L39 cm

Equipment Weight:  
Unit: 1.6kg  
Distribution Block: 3.5kg

Shipping Type:  
TBC

Power Connector:  
Powercon

Peak amps drawn:  
0.08

Noise: TBC

**Cylinder Connection:**  
RH 0.860 in x 14 TPI  
Male

Additional requirements:  
CO<sub>2</sub> hoses, cylinders  
and distribution block  
are required.

Duration of effect:  
30 seconds (9kg bottle)  
2 minutes (34kg bottle).

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The CO<sub>2</sub> jets shoot an impressive plume of CO<sub>2</sub> 15-20mtrs into the air.

### How to set up and use the CO<sub>2</sub> Jet XL

1. Attach 2-4 CO<sub>2</sub> cylinders to the 4-way distribution block, using a spanner to attach each hose to the cylinder. Ensure the washer is present before connecting to the cylinder. Do not over tighten the fitting as it is made from brass and over tightening will damage the fitting.
2. Connect the quick release 'cryogenic' hose (included) from the distribution block to the CO<sub>2</sub> Jet XL unit. Fig 2. 4-way distribution block
3. Connect the unit to a controller (fig 3) using Powercon cables. Connect the controller to a power source. The unit can be controlled with a 16a push button control or a DMX controller / lighting desk via a relay or switching rack.
4. Use the pull out knob (fig 4) to set the desired angle of the barrel.
5. Turn on the CO<sub>2</sub> at the bottle valves; the unit is now ready to be used.

### Hints/Tips/Safety

1. Plume size is affected by humidity (more humidity results in a more impressive effect)
2. The CO<sub>2</sub> Jet XL is designed for use with 4 CO<sub>2</sub> cylinders. It can be used with less, however the plume size and the duration of the effect will be reduced.
3. Misuse of CO<sub>2</sub> can result in a 'cold burn' if not handled correctly.
4. Leaving the unit on with power connected may overheat the valve.
5. CO<sub>2</sub> is required, BOC codes; 40 LB is 9 kilos or 40LK is 34 Kilos
6. Do not leave the CO<sub>2</sub> jet with pressurised CO<sub>2</sub> present – this will damage the hose.
7. Ensure adequate ventilation as CO<sub>2</sub> may build up with prolonged use.
8. If firing through a grill onto a staging, ensure they are secured.
9. CO<sub>2</sub> jets may move during use, ensure they are firmly fixed prior to firing.



Fig 1. CO<sub>2</sub> Jet XL



Fig 2. 4-way distribution block



Fig.3 Power Connections



Fig.4 Barrel angle setting knob



Fig 5. Angled barrel



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