



# Technical Datasheet

## CO<sub>2</sub> Jets

### Specifications:

Equipment Size:  
H14 x W28 x L20 cm

Equipment Weight: 5kg

Shipping Type:  
Flight Case

Shipping Size:  
H54 x W44 x L86 cm

Shipping Weight:  
55kg

Power Connector:  
16amp

Peak amps drawn:  
0.08

Noise: 98db at 6 meters

Cylinder Connection:  
RH 0.860 in x 14 TPI  
Male

Additional requirements:  
9kg or 34kg CO<sub>2</sub>  
cylinder, control unit  
Suggested for set up:  
1 person

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> 6-8mtrs into the air.

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

1. Use a spanner to attach the hose onto 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 cause damage to the fitting.
2. Connect the quick release 'cryogenic' hose (included) to the CO<sub>2</sub> jet unit.
3. Control of the CO<sub>2</sub> jet can be done using a 16a push button control or a DMX controller / lighting desk via a relay or switching rack.
4. Turn on the CO<sub>2</sub> at the bottle valve; the unit is now ready to be used.

### Hints/Tips/Safety

1. Misuse of CO<sub>2</sub> can result in a 'cold burn' if not handled correctly (fig.3).
2. Leaving the unit on with power connected may overheat the valve.
3. CO<sub>2</sub> is required, BOC codes; 40 LB is 9 kilos or 40LK is 34 Kilos
4. Do not leave the CO<sub>2</sub> jet with pressurized CO<sub>2</sub> present, as this will damage the hose.
5. Ensure adequate ventilation as CO<sub>2</sub> may build up with prolonged use.
6. If firing through a grill onto a staging, ensure they are secured.
7. CO<sub>2</sub> jets may move during use, ensure they are firmly fixed prior to firing.
8. A humid atmosphere produces the best results.



Fig.1 CO<sub>2</sub> jet



Fig.2 Trussmounted option



Fig.3 Jet and hose connections frosted after use. Do not touch whilst in this condition, it may result in a 'cold burn'.



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