



# Technical Datasheet

## Double Barrelled Cannon

The double barrelled cannon will fire two barrels of confetti or streamers simultaneously 8 to 10 metres

### How to set up and fire a double barrelled cannon

1. The cannon comprises of two barrels housed in a single unit. The barrels can be pointed in different directions (fig.2) but will fire simultaneously. It can be truss mounted or ground mounted.
2. To set up the cannon we suggest you start from the mains power, connecting the 2 or 6 way controller unit and work back to the cannon. The cannon is supplied with a white PowerCon plug on the supply lead and a PowerCon socket on the cannon. This allows multiple units to be wired in a 'daisy chain' if required.
3. To test, ensure both barrels are empty and the air reservoir depressurised. Connect the compressor to the cannon via the hose and tyre inflator (fig.3) and pressurise. The pressure should not exceed 110PSI. Insert the key into the controller unit and turn clockwise to 'make live'. Select the channel that you have used to connect the cannon supply lead. Press the controller firing button and the barrel air will be discharged.
4. To fill the tube, using the ram rod supplied in the flight case, push a brown pressure cap (fig.5) down the tube to the bottom. Fill the tube with confetti or streamers until it is full. Place a black end cap over the end of the tube and seal it to the tube with a single length of electrical tape (fig.6). It should **only circle the cap once** and has no need to overlap.
5. The controller (fig.4) has two or six channels, a fire button and a key switch. It is capable of firing multiple cannon from one channel as long as they are configured in a 'daisy chain'. To fire ensure the power is on, they key is inserted and turned clockwise then select the channel you wish to fire. Fire by pressing the button and holding for one second.

### Hints and tips

- You cannot fire one tube at a time
- Ensure a safety distance of 3 metres away from audiences
- Use the ram rod provided in the kit to push the pressure cap into the barrel and push confetti to the bottom.
- Don't pack the barrel too tightly with confetti or streamers; this will impede the effect or may block the effect entirely.
- Don't use more than one layer of tape when securing the end cap; too many layers will impede the effect or stop the cap from coming off when fired.
- MTFX advises a test fire is completed prior to event effect.



Fig.1 Double barrelled cannon



Fig.2 Directional cannon



Fig.3 Pressure, fill point and pressure relief.

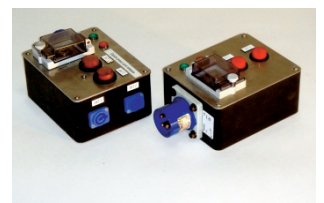


Fig.4 Controller



Fig.6 End cap taped to tube

### Specifications:

Size: 20 x 41 x 61cm

Shipping size:

68 x 117 x 80cm

Equipment weight: 22kg

Shipping weight: 175kg

Voltage: 220-240V

Power connector:

16A white powercon

Peak amps drawn: 0.2

Decibels: 88db

Water supply: N/A

Air connector: tyre

HV colour: N/A

Additional requirements:

Confetti / streamers,  
caps, end caps, 2 way  
or 6 way controller,  
suitable cabling, half  
coupler, electrical tape,  
air compressor & hoses

Suggested for set up:

1 person

Duration of effect:

Approx. 8m-10m with  
one firing per loading

Notes:

Maximum number of  
units in a 'daisy chain' is  
10 cannons.