



# Technical Datasheet

## Lightning Tube

The Lightning Tube provides a wonderful visual high-voltage effect perfect for corporate or private parties, science shows and live event props.

### Specifications:

Tube height: 153cm

Tube diameter: 12cm

Shipping size:  
170cm x 21cm x 32cm

Shipping weight: 23.5kg

Packaging type:  
Flightcase

Power connector:  
13 amp

Amps drawn: 1 amp

Voltage: 240v

Suggested for set up:  
1 person

Duration of effect:  
Can be used continually  
for up to 10 hours

### How to set up a Lightning Tube

1. The Lightning Tube is designed to be used within its flightcase. Do not under any circumstances attempt to remove the tube from the case.
2. Lie the flightcase flat on the ground with the lid on top. Undo the lid and remove.
3. Carefully raise the flightcase to an upright position, whilst supporting the tube.
4. Connect the power cable to a power supply.
5. Switch on the unit by using the pull cord.

### Using a plasma column

1. The intensity of the lightning can be adjusted using the rotating dial.
2. The glass is safe to touch during use but this may result in some minor heat transfer, small shock or a slight buzzing electrical sensation.

### Safety

1. The Lightning Tube is very fragile. Take caution and do not remove from its flightcase.
2. Do not allow small children to touch the Lightning Tube unattended as tipping over the column would cause the glass to shatter and expose the electrical components.
3. After unplugging wait 60 seconds before handling wire or plug.
4. To clean, spray general cleaning solution onto a cloth and wipe the glass gently.
5. Do not touch the panel with metal objects as this may cause an arc to form and will damage the glass and seals.
6. Avoid setting up near metal objects or areas of high humidity.
7. Only use the Lightning Tube indoors.
8. The Lightning Tube may cause electrical interference with nearby items.
9. Ensure all local metalwork is earthed.
10. Do not allow to overheat.



Fig 1. Lightning Tube



Fig 2. Control unit beneath tube



Fig 3. On/off pull cord and control dial

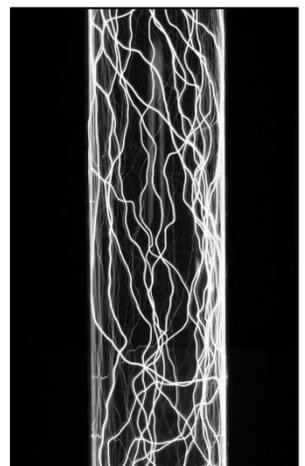


Fig 4. Close up of the effect

[vimeo.com/70639494](https://vimeo.com/70639494)



**Velt House, Velt House Lane, Elmore, Gloucester, GL2 3NY**  
**T: 01452 729903 E: info@mtfx.com www.mtfx.com**