

Technical Datasheet

Plasma Column

Specifications:

Height of column:
180cm

Diameter : 12cm

Shipping size :
200 x 40 x 24cm

Unit weight : 5.5kg

Shipping weight : 34kg

Packaging type :
Flightcase

Power connector :
13A mains plug

Suggested for set up :
1 person

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

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The 1.8mtr plasma column provides a wonderful visual high-voltage effect which is perfect for corporate or private parties, science shows and live event stage props.

How to set up a plasma column

1. Position the optional inner section of the base unit on the floor (Fig.4)
2. Ensure the transportation box (flightcase) is laid flat on the floor and open the lid.
3. Carefully lift out the plasma column and lay gently on a soft surface. Plug the unit into the mains and test by switching the on/off switch (Fig.2) at the bottom of the unit. Once verified as working leave in 'on' position, unplug and carefully lift and place the unit into inner section of the base unit.
4. Ensure the column stands up straight by seating the power cable underneath the cutaway groove in the perspex tube (Fig.3)
5. Lift the outer section of the base unit over the top of the plasma column and lower slowly downwards to join with the inner section. Ensure the power cable runs through the cutout hole in the outer base section (Fig.6)
6. Plug the unit into the mains

Using a plasma column

1. The glass is safe to touch during use but this may result in some minor heat transfer or slight buzzing sensation.

Safety

1. Do not allow small children to touch the plasma panel unattended as tipping over the column would cause the glass to shatter and expose the electrical components.
2. After unplugging wait 60 seconds before handling wire or plug.
3. To clean, spray general cleaning solution onto a cloth and wipe the glass gently.



Fig 1. Plasma column



Fig 2. On/off switch



Fig 3. Cable groove



Fig 4. Inner base

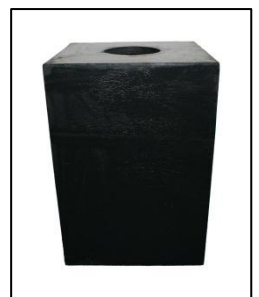
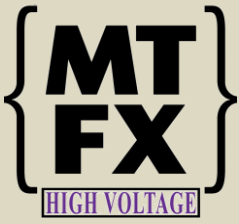


Fig 5. Outer base



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- Do not touch the panel with metal objects as this may cause an arc to form and will damage the glass and seals.
- Avoid setting up near metal objects or areas of high humidity.
- Only use the plasma panel indoors.
- The plasma panel may cause electrical interference with nearby items.
- Ensure all local metalwork is earthed.
- Do not allow to overheat.



Fig 6. Placing outer base

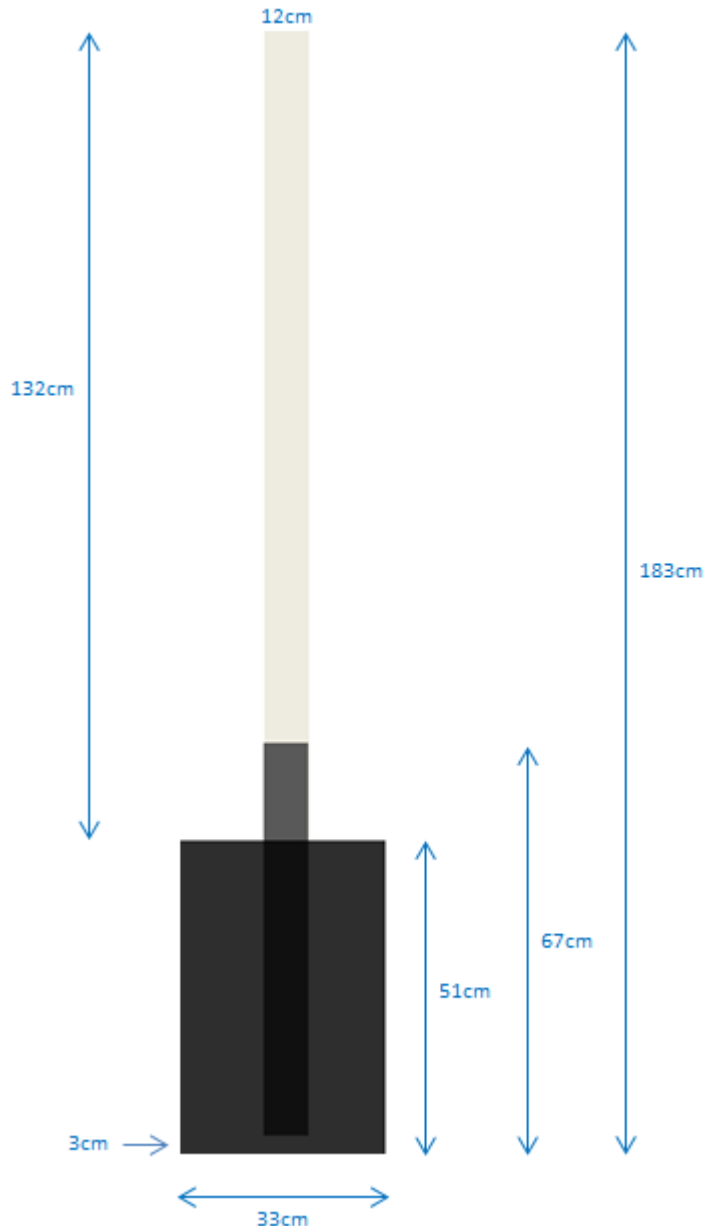


Fig 7. Operating column



Fig 8. Close-up

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