



## **LIGHTING & SPECIAL EFFECTS EQUIPMENT HIRE INSTRUCTIONS & SAFETY**

Thanks for choosing McHugh Hire, please take a minute to read the applicable instructions relating to the equipment you have hired.

We're sorry if some of the info sounds like common sense, but we need to cover all the bases. We've tried to translate the instructions for our equipment into a language that people can understand, if any part of it doesn't make any sense, please let us know and we'll fix it.

Please make sure you have fully read the instructions and all terms and conditions and product info at [www.mchughhire.com](http://www.mchughhire.com) before using any of our equipment to avoid extra cleaning, hire or damage charges.

**All of our equipment and equipment's packaging must be returned in the same condition as it was delivered or the hirer will be charged for replacement. All equipment and packaging must be properly cleaned before return unless otherwise stated or paid for.**

**All equipment is for adult use only unless otherwise stated.**

**DO NOT LEAVE OUR EQUIPMENT OUT IN THE RAIN.**

When you have finished with your equipment please make sure everything is wiped down and cleaned in the same condition you received it. If your equipment is returned un-clean you will be charged for cleaning.

For equipment lost or damaged by misuse you will be charged for replacement or repair.

It is your responsibility to ensure all power leads will not be a trip hazard, we have safety cable covers for hire if required. Please also make sure your leads are clear of water, heat and any other hazardous source. If you have hired RCD safety switches or blocks, please test the devices by pressing the trip button(s) before using each day.

For any equipment that comes with spare parts/batteries/bulbs etc:

Do NOT discard the original/dead parts/batteries/bulbs. They must be marked "dead" and returned with the equipment for our post hire testing. Failure to do so will incur a replacement charge on return. Missing AA, 23A, AAA batteries will be charged at \$2.50 each. All other missing parts will be charged at RRP.

**All equipment must be packed away, at loading area, ready for our drivers to pickup.**

You are responsible for using our equipment safely, especially equipment that produce heat. Please use common sense and keep children supervised near all McHugh Hire equipment.

Please note many of our items contain GPS tracking units to prevent theft and to recover stolen equipment. This includes all of our expensive equipment and random lower cost items. If you are using the equipment in a high security area, please check that these transmitters won't be a problem on site.

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### **Lighting hire:**

Please do not overload power boards or bunch wires, as they will catch fire. Please make sure children are kept away from high powered lighting such as our halogen lights as they run hot. Please also make sure all of your wires/cords are out of the way and won't be tripped over (easy to happen when people have had a few wines).

Please be very careful with our lighting as all lighting equipment is fragile, especially disco/dance floor lighting. If you are boom/ceiling mounting our professional lights please make sure they are properly secured.

**Fairy lights & LED curtain lights hire:**

All lights must be secured safely to avoid damage to the lights or people, zip ties are recommended for this. Some fairy lights sets have the control box separate to the power supply and some have the control box incorporated into the power supply. Please don't mix these up and keep the correct power supplies with their sets upon return.

Do not have un-supported sections (drops) over 3 meters, the added weight will break the wires. For long runs you should first run a support line (steel wire / ropes etc.) where you want the lights to go, then zip tie the lights to the support line.

Fairy lights can be rolled up on your hand and placed back in their box for return.

FAIRY LIGHTS – Multiple sets can be run of each driver power pack. PLEASE NOTE there is a maximum of 8 sets per power supply. We don't charge extra for more power packs so please don't overload them. Power 8 or fewer strings per power supply.

LED CURTAIN LIGHTS - MUST have each drop strand rolled up separately with a rubber band around each drop strand when packing up (the way they were given to you). If this is not done a \$10 per set charge will be applied per set to cover un-tangling and re-packing time.

**LED PAR CAN stage / wash / party light settings:**

We have two different models with different case styles, but they function identically. They have identical power, colours, functions and menu options.

Pressing the menu button on the back will give you the following options:

CC## - Colour jump change mode (press up or down to change speed from 0-99)

CP## - Colour gradually change mode (press up or down to change speed from 0-99)

dE## - Colour change in/out mode (press up or down to change speed from 0-99)

bEbE – Sound active mode (will change colours with music or sound through built in microphone) THIS IS THE MOST COMMON SETTING TO GO WITH MUSIC

d### - DMX control channel mode 0-512 (for linking to professional lighting control desks)

These next 4 options are for choosing and mixing your own solid colour. To create a solid colour you need to input the amount of each primary you want (like painting) from 0-255. 0 is none and 255 is 100%. To make the colour you want, scroll between the following colours and change the amount of each colour until you have your desired colour.

r### - the amount of red you require from 0-255 (press up/down to set)

G### - the amount of green you require from 0-255 (press up/down to set)

b### - the amount of blue you require from 0-255 (press up/down to set)

o### - the amount of white you require from 0-255 (press up/down to set)

**Panther Moving head RGBW lights settings:**

Sound Active (audio detect mode / microphone): Press the menu button then arrow until you get to 'Sond' and press enter, it will give you 3 mode options, you can arrow up/down to select which one then press enter.

To select a single colour: Press the menu button then arrow until you get to 'CoLo' and press enter, it will give you 15 colour options, you can arrow up/down to select which one then press enter.

Speed adjustment, strobe and microphone sensitivity can be also found in the menu list.

All of these settings can also be selected by pushing the buttons on the remote.

See the full manual here:

<http://files.tronios.com/Manuals/150.458|Manual.pdf>

**Party laser units settings:**

Stand alone sound active setting (audio detect mode / microphone): all switches down except for #10

Stand alone auto run setting: all switches down except #9 & #10

Link together (multiple units working together) settings: MASTER UNIT use the same as above for depending on the mode you want and also switch #1 up. SLAVE UNITS all switches down except for #1.

For use with a DMX control board please call us and we'll tell you channel values.

For machines with open laser mirror cavities, do not place fingers or anything inside the unit.

### **Colour LED light bar settings:**

Stand alone sound active setting (audio detect mode / microphone): press the menu until the display reads "Soun" then press enter, then press up or down select the style (1 or 2) then enter. To test the styles, you can play music near to the light or clap next to it.

For finely tuned colour settings for themed wash lighting etc, press menu button then up/down arrows until you get to "CoLo" press enter. Using the enter button you can toggle between "r", "G", "b" & 'U' (red/green/blue/white). This option is for choosing and mixing your own solid colour. To create a solid colour you need to input the amount of each primary you want (like painting) from 0-255. 0 is none and 255 is 100%. To make the colour you want, scroll between the following colours and change the amount of each colour until you have your desired colour.

r### - the amount of red you require from 0-255 (press up/down to set)

G### - the amount of green you require from 0-255 (press up/down to set)

b### - the amount of blue you require from 0-255 (press up/down to set)

U### - the amount of white you require from 0-255 (press up/down to set) (if you want only white, set all colours to 255).

For Automatic mode that is not sound active, select the 'Auto' mode and then select mode 1 or 2. (MENU / SCROLL TO AUTO / ENTER / SCROLL SETTING / ENTER)

For detailed professional DMX programming instructions please see here: <http://www.tronios.com/en/lcb252-bar-8-segments-252x-10mm-rgb-leds-dmx.html>

### **Spherion disco ball settings:**

For sound active mode, press menu then down button until you see SOUN then hit enter. The display will show "ON" or "OFF", turn it to "ON" press the enter button then hold the menu button for 3 seconds to confirm. Clap behind the microphone to test it is working (the sound light should illuminate if working). To change the sensitivity, press the menu button and scroll until you find SENS, adjust the level to your desired volume. 0 is least sensitive and 100 is most sensitive.

During operation in any mode you can change the show style, press up / down and scroll between 0-7. Random is 0.

For automatic mode, press the menu button to SHND, then select the factory program between 0-7. Random is 0.

For use with a DMX control board or more complex settings, please call us.

Note: if nothing is working, scroll through the menu and make sure the "BLND" (blackout) setting is set to "NO". (this is the most common problem).

IMPORTANT – Whenever you change a setting you must press enter then hold the menu button for 3 seconds to save the setting.

### **Moonflower disco light settings:**

#### **•SQUARE CASE MOONFLOWER:**

For sound active mode, switch all switches down and set required sensitivity with sound knob.

For auto mode, switch all switches down except #1 & #9.

For slave mode (if multiple units hired) or DMX controller, switch master to desired setting and all slaves #1 up and rest down.

For more complex settings, please call us.

#### **•OCTAGONAL CASE MOONFLOWER:**

For sound active mode, switch all switches down except #7 & #10 and set required sensitivity with sound knob.

For auto mode, switch all switches down except #10 then #3-6 will change the auto mode.

For slave mode (if multiple units hired) or DMX controller, switch master to desired setting and all slaves #1 up and rest down.

For more complex settings, please call us.

**Aggressor disco light settings:**

Type 1 (no branding on unit):

For sound active mode, switch all switches down except #9 & #10 and set required sensitivity with sound knob.

For auto mode, switch all switches down except #10

For slave mode (if multiple units hired), switch master to desired setting and all slaves #1 up and rest down.

For use with a DMX control board or more complex settings, please call us.

Type 2 (Beamz branding on unit):

For sound active mode, switch the switch to 'SOUND' and set required sensitivity with sound knob.

For auto mode, switch the switch to 'AUTO'

**Gobo projector setup:**

Your Gobo slide must be installed at McHugh Hire before use. Do not open the machine unless supervised by McHugh Hire.

To use, find a good place to hang or sit the projector and switch the machine on. If you require a different sized image, carefully unscrew the lens and change lenses with the provided lenses in the box. To adjust focus, turn the lens until the image is sharp. Please always be careful when handling the lenses and always screw the lenses all the way into the machine for transport.

**Strobe lights:**

These are a burst effect light and are intended to be run for a few seconds at a time then turned off. Over-using these lights may irritate your guests and cause disorientation. These lights may also trigger epilepsy.

Our LED strobe lights have two settings that are operated with the red button on the control panel:

1) Push button in for repeated flashing

2) Push button out for 'sound active' mode. This will flash with the bass of your music. The sensitivity of the sound sensor can be adjusted with the knob next to the red button.

**Swarm disco lights settings:**

For sound active mode (most popular), press the menu button until you see 'Soud' (sound) then press enter before it stops flashing. This will listen to and respond to your music.

Repeat the above process for the 'Auto' setting this will go through patterns without listening for sound.

Repeat the above process for 'DMX' settings (for professional light controllers).

See here for the full manual:

[https://www.chauvetdj.com/wp-content/uploads/2015/12/Swarm\\_5\\_FX\\_UM\\_Rev4\\_ML5\\_WO-1.pdf](https://www.chauvetdj.com/wp-content/uploads/2015/12/Swarm_5_FX_UM_Rev4_ML5_WO-1.pdf)

**Cubix 2.0 disco lights settings:**

For sound active mode (most popular), press the menu button until you see 'Snd' (sound) then press enter within 3 seconds. This will listen to and respond to your music.

Repeat the above process for the 'Auto' setting this will go through patterns without listening for sound.

Repeat the above process, selecting '512' for DMX settings (for professional light controllers).

See here for the full manual:

[https://www.chauvetdj.com/wp-content/uploads/2015/12/Cubix\\_2\\_UM\\_Rev7\\_WO-1.pdf](https://www.chauvetdj.com/wp-content/uploads/2015/12/Cubix_2_UM_Rev7_WO-1.pdf)

**Edison globe festoon string lights hire:**

Carefully lay out the electrical cable on a soft surface and screw in the bulbs. Vary carefully (with 2 or more people) hang the lights where you need them fastening them with zip ties or wire.

We include an extra bulb(s) incase of damage during transport. If you use any of the spares, please mark the faulty bulb and return all bulbs and parts, including the damaged bulb(s).

When carefully packing away the set, please return all of the bulbs back to their boxes and pack everything back as it was delivered.

### **Smoke / fog machine hire:**

Each machine must be run on its own power point. Do not run any other devices from the same mains supply.

Please only ½ fill the unit's container, the machines only use a small amount of fog liquid. When you have finished with the machine please empty the unit's container by removing the container and pouring the liquid back into the fog liquid bottle. Please wipe the machine and liquid bottle down to remove any spilt liquids if any.

To operate, plug in the remote, switch the machine on and wait 8 minutes for the machine to warm up, then press the remote button to produce smoke. **WARNING:** the unit casing can become hot when in use, please keep children and flammable items away. When you have finished using the machine please wait until the machine is cool before cleaning and packing away.

For use with a DMX control board please call us and we'll tell you channel values.

[Click here to see the fog juice material safety data sheet.](#)

Additional instructions for LOW LYING SMOKE MACHINE:

Fill ice to the top mark (approx. 2.5kg) by un-screwing the two thumb screws on top of the machine, close the lid and screw in the thumb screws again. Use of the machine is the same as our regular machines (above instructions). To drain at the end of use or for reloading when all the ice has melted, please use the drain tap at the bottom of the machine. Please be aware of any electrical hazards when emptying the water.

If using the machine with dry ice pellets, please avoid contact with the dry ice. If handling is necessary, tip into esky's or use welding gloves or oven mitts. The dry ice will evaporate on its own. **DO NOT** keep dry ice in an air-tight container. As it expands it turns to gas and this will cause your container to explode.

### **Confetti cannon hire:**

Please make sure your cannon is placed in a safe location where it will not fire close range at a person. If hanging please make sure it is hung securely.

To operate you can either press the menu and enter button on the machine at the same time or press any button on the remote control.

The channel setting for the remote is:

- All switches down (#1 #2 #3 #4) if you want all the buttons to activate the unit.
- If you have multiple units, you can assign each machine to a number (1-4 on remote) by switching down the corresponding numbered switch, with all the other switches up.

The cannon will continue to fire while you are holding down the button but will not continue to fire while not held. Test the machine to see how it operates before filling with confetti, then when you are familiar with operation, fill it up and fire.

If you cannot get a wireless remote to work, check the channel on the machine is set to 1. If this fails, it might need the battery replaced. We include a spare battery (taped to the unit), to replace, undo the small screw on the remote and remove the back.

### **Bubble machine hire:**

Please do not overfill the machine and be wary of spilling liquid onto the electrical cord. Use only on a flat surface.

When setting up, leave the front shroud off the machine then loosen the two thumb screws on each side and lift the cover to access the tank. Remove the tank and  $\frac{3}{4}$  fill the tank with bubble mix then replace the tank tray tall side to the front, lower the cover and re-install thumb screws.

Then slot the front shroud onto the machine, plug the machine into 240v and switch on.

The tank must be emptied back into the bottle (by opening again) when you have finished and clean the machine. DO NOT TRANSPORT OR MOVE WITH LIQUID IN THE MACHINE.

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**We wish you all the best and thank you for choosing McHugh Hire for your hire needs!**

If you have any great photo's of our equipment in action we'd love you to share them with the McHugh Hire community via our Facebook page <https://fb.me/McHughHireShop> or email [bookings@mchughhire.com](mailto:bookings@mchughhire.com)

If you have any queries please call us on 6162 1662.

