



# ARC-LINE

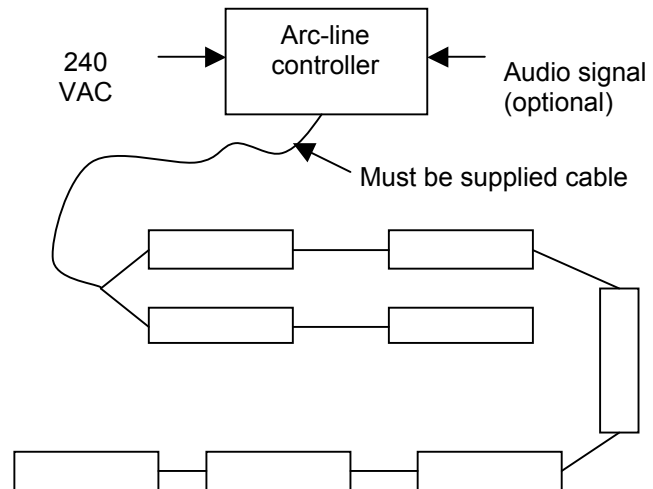
INFORMATION  
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ARC-LINE CONTROLLER



ARC-LINE TUBES



TYPICAL SYSTEM LAYOUT

## SPECIFICATION

Arc-line is an attractive multi strobe system that can be used to add movement to a set or other structure, Arc-line is most effectively used on frames or edges of sets. You will need to have a controller, a number of tubes each containing 2 or 4 strobe heads and connecting cables. The Arc-line controller can be set to trigger continuously, one shot or by an audio input.

## OPERATION

The system can be plugged together to suit your needs and layout provided a few rules are followed.

Always use the supplied cable to connect the first tube to the controller, do not extend or shorten it.

Do not connect more than 100 metres of Arc-line tube to each controller; this can be one length or a mixture of lengths.

Do not use more than 7 "Y" cords on 1 controller, this will give up to 8 parallel runs.

If the system is running all day the minimum repetition time should be 2 seconds.

Long Arc-line tubes contain 4 strobe heads and are 1.8M long, short ones contain 2 heads and are 0.8M long, both have 0.2M cables for connecting to the next tube and are 56mm in diameter. The tubes are best attached to your scenery or structure using white or clear cable ties, do not use gaffer tape as this looks messy and is difficult to clean off.

The controller has several modes of operation giving different flash and chase patterns; you should adjust the mode and speed according to the effect you desire. There are built in limitations to the maximum flash rate to prevent damage to the strobe heads or power supply. The audio input needs to be a signal between 300mV and 10V and works best if there is a well defined beat to the music.

Also a remote input is available that could be linked to a DMX controlled relay to start or stop the strobes with your lighting cues, but it is not possible to control the speed remotely.

If the system fails to work then reduce the number of tubes, or connect tubes one at a time, to the controller, until you discover which is the faulty tube or cable.

## SAFETY

Do not connect Arc-line tubes directly to the mains, they must be used with a controller. Only use the cables and connectors supplied, and do not use any damaged cables or connectors as the system runs at 350 volts DC. Arc-line should only be used indoors in dry conditions. Follow local licensing requirements for using strobes.

If you require further information about Arc-line or other strobe effects please contact White Light  
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