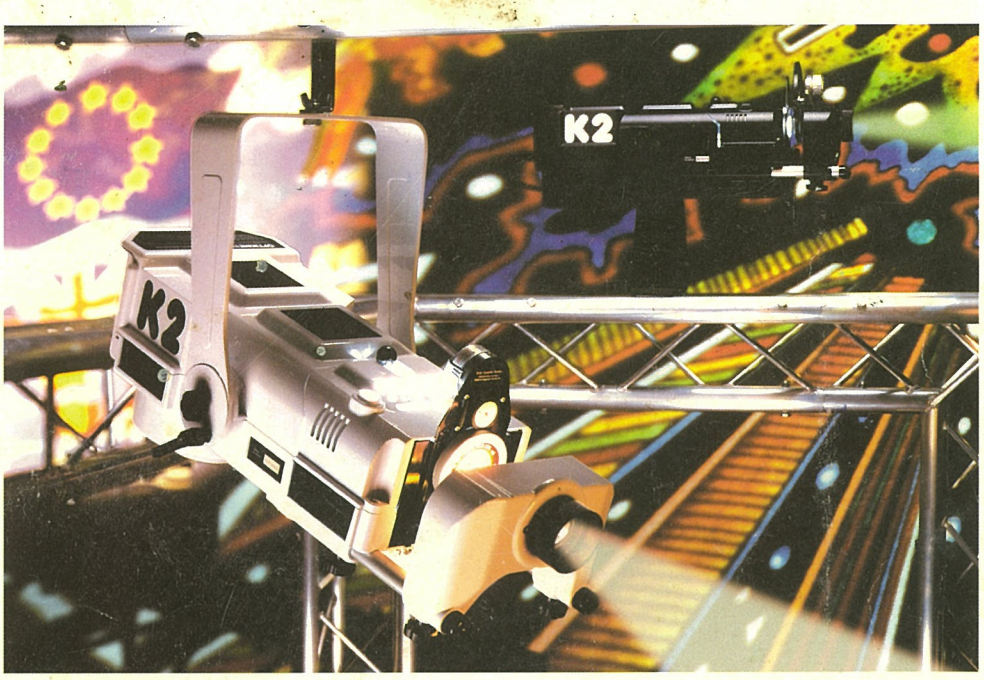
EFFECTS CATALOGUE



OPTIKINETICS

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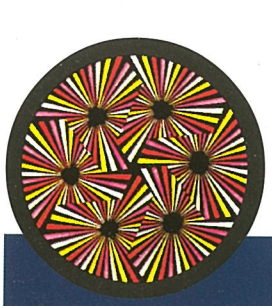
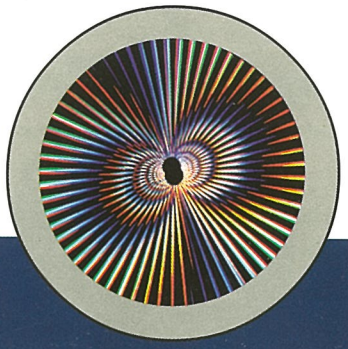
CONTENTS

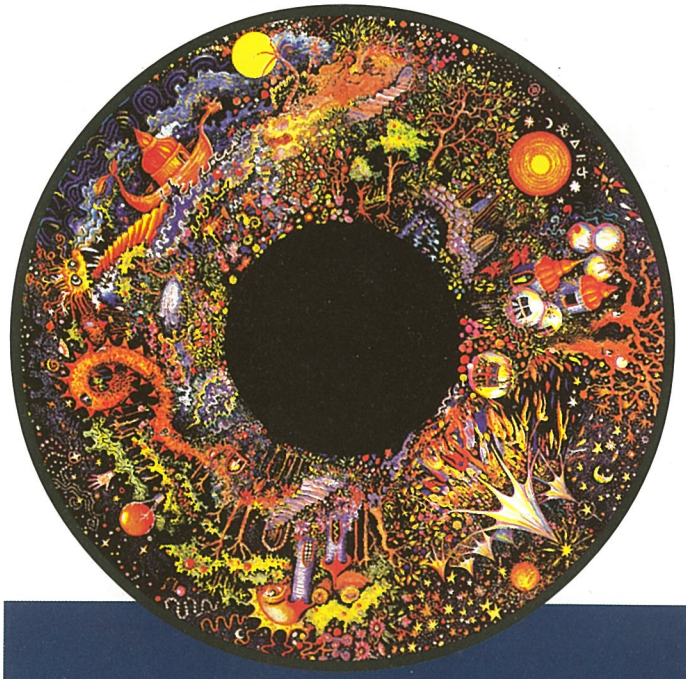
This catalogue illustrates Optikinetics current range of standard effects and outlines the custom image service available for the creation of unique effects and images.

The accessories required for fitting standard or custom effects onto Optikinetics projectors are shown in each section.





2" EFFECTS and 3" EFFECT CASSETTES 1 - 8



6" EFFECT WHEELS 9 - 15

CUSTOM IMAGES 16

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2" EFFECTS and 3" EFFECT CASSETTES

accessories

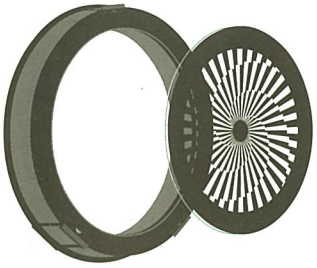
SOLAR SYSTEM FG6036

The Solar System is a programmable 2" Effects changer which may be used in all current Optikinetics Effects Projectors.

The Solar System will accept up to 16 2"Effects. 8 clip into the front and 8 into the rear of the unit, creating up to 64 combinations.

The Solar System may be operated remotely by a DMX lighting desk or left to cycle a programmed sequence using a Memory Card (FG9002).

The static position of any 2" Effect is adjustable through 360°. Each 2" Effect selected may be rotated at variable speeds, clockwise or anti-clockwise continuously or, in response to sound if the projector is fitted with Sound Animation.



50mm Effect Glass fits into a 2" Effect Carrier (FG9000) which clips into the Solar System.

Empty 2" Effect Carriers (FG9000) are available separately. These accept 50mm diameter glass gobos, dichroic filters or any 'D' size (53.3mm dia) metal gobos.

A 2" Effect Storage Box, capacity 16, (FG9001) is also available.

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2″ EFFECTS and 3″ EFFECT CASSETTES

accessories

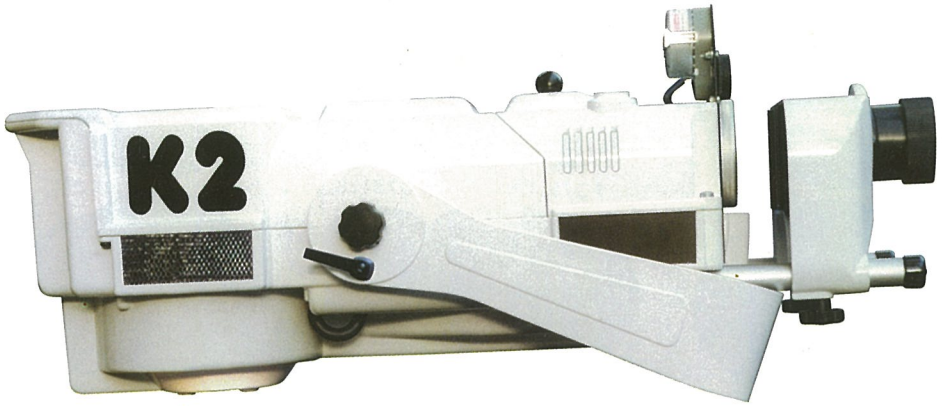
CASSETTE ROTATOR FG6320

The Cassette Rotator is used to mount individual 3″ Effect Cassettes into any Optikinetics Effects Projector.

3″ Effect Cassettes simply fit onto the circular flange of the Cassette Rotator. The whole assembly then slides into the rear gate runners and is plugged into any of the 12 Volt accessory outlet sockets on the side of the projector. The resultant image, when front projected, will rotate clockwise at 2 rpm.

An Animator Cassette Rotator (FG6329) is also available. This has a fast bi-directional motor which can run cassettes continuously at 17rpm or respond to sound when used in a projector fitted with Sound Animation.

3″ Effect Cassettes combine two pieces of glass. The image on the front glass (fitted into the aluminium outer) revolves. The other (fitted to the nylon and steel bearing assembly) remains static.



Cassette Rotators and Cassette Autochangers fit into the gate of the complete K Range as well as the Solar 575 and Solar 250 Effects Projectors.

CASSETTE AUTOCHANGER FG6030

The Cassette Autochanger accepts four Optikinetics 3″ Effect Cassettes.

Each cassette fits onto one of the four circular flanges on the large rotating plate.

The cassettes are automatically changed at set intervals variable between 12 seconds and 15 minutes. This automatic facility may be overridden to provide remote operation if required. Cassette rotation speed is set at 2.6 rpm.

The Cassette Autochanger has a back plate which fits into the rear gate runners in the same way as a single Cassette Rotator.

An Animator version of the Cassette Autochanger (FG6039) is available for use with projectors fitted with Sound Animation.

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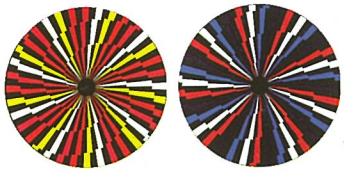
2″ EFFECTS and 3″ EFFECT CASSETTES

multi coloured

2″ Effects are individual designs for use in the Solar System. 3″ Effect Cassettes combine the same design in two different colourways and are used with either a Cassette Rotator or Autochanger.

2″ EFFECTS

FG7501A FG7501B

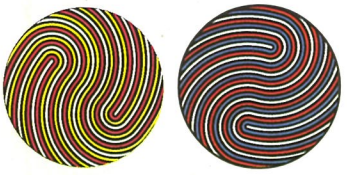


FG7502A FG7502B

FG7503A FG7503B

FG7504A FG7504B

FG7505A FG7505B

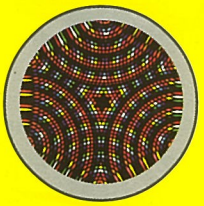


FG7506A FG7506B

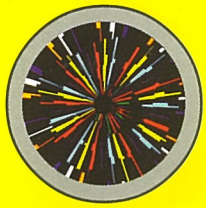
FG7507A FG7507B

FG7508A FG7508B

3″ CASSETTES



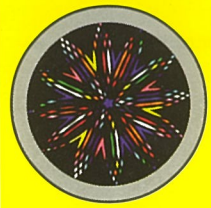
FG7101



FG7102

FG7103

FG7104



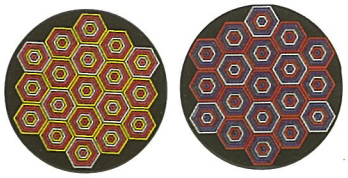
FG7105

FG7106

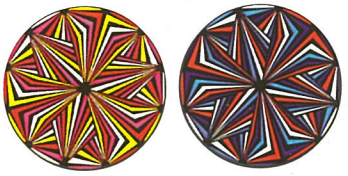
FG7107

FG7108

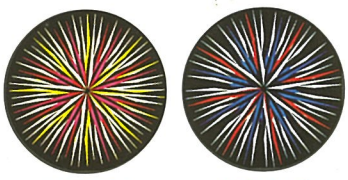
2″ EFFECTS



FG7509A FG7509B



FG7510A FG7510B



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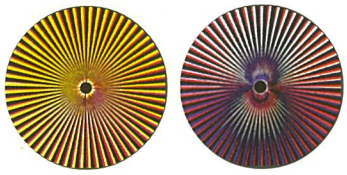
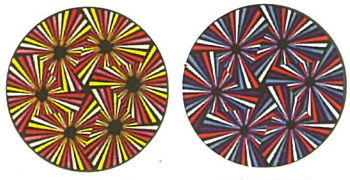
FG7512A FG7512B



FG7513A FG7513B

FG7514A FG7514B

FG7515A FG7515B

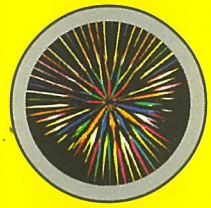


FG7516A FG7516B

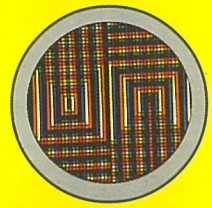
3″ CASSETTES

FG7109

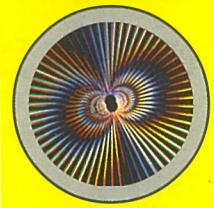
FG7110



FG7111

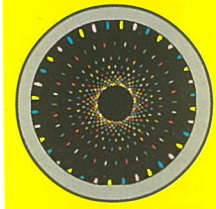


FG7112



FG7113

FG7114



FG7115

FG7116

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2" EFFECTS and 3" EFFECT CASSETTES

multi coloured

2" EFFECTS		3" CASSETTES
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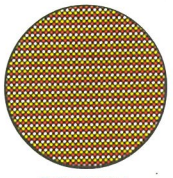
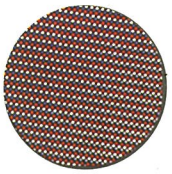
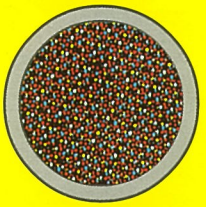
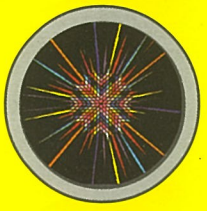
 FG7518A	 FG7518B	 FG7118
FG7519A	FG7519B	FG7119
FG7520A	FG7520B	FG7120
FG7521A	FG7521B	FG7121
FG7522A	FG7322	FG7122
FG7523A	FG7523B	 FG7123
FG7525A	FG7525B	FG7125

2" EFFECTS		3" CASSETTES
FG7526A	FG7526B	FG7126
FG7527A	FG7527B	FG7127
FG7528A	FG7528B	FG7128
FG7529A	FG7529B	FG7129
FG7530A	FG7530B	FG7130
FG7531A	FG7531B	FG7131
FG7532A	FG7532B	FG7132
		FG7124

LIQUID CASSETTE

Recommended for use only with the K1 or Solar 250. Colours fade more rapidly in higher powered projectors.

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2″ EFFECTS and 3″ EFFECT CASSETTES

mono coloured

Mono Coloured effects have a black base design overprinted with the same colour twice creating two tones. 2″ Effects may be used in any combination within the Solar System. 3″ Effect Cassettes combine the same design twice, creating four tones of the same colour, and are used with a Cassette Rotator or Autochanger.

PINK

2″ EFFECTS	3″ CASSETTES
FG7761	FG7161
FG7762	FG7162
FG7763	FG7163
FG7764	FG7164
FG7765	FG7165
FG7766	FG7166
FG7767	FG7167
FG7768	FG7168

GREEN

2″ EFFECTS	3″ CASSETTES
FG7771	FG7171
FG7772	FG7172
FG7773	FG7173
FG7774	FG7174
FG7775	FG7175
FG7776	FG7176
FG7777	FG7177
FG7778	FG7178

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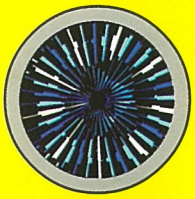
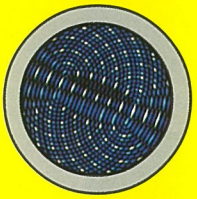
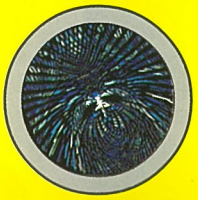
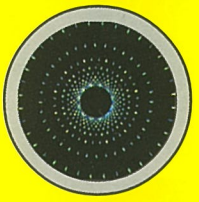
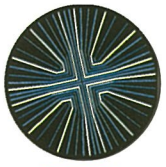
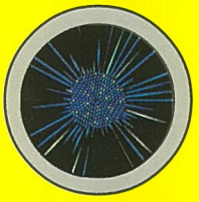
2" EFFECTS and 3" EFFECT CASSETTES

mono coloured

BLUE

2" EFFECTS	3" CASSETTES
FG7781	 FG7181
FG7782	 FG7182
FG7783	 FG7183
FG7784	FG7184
FG7785	 FG7185
 FG7786	 FG7186
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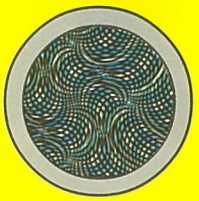
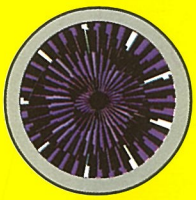
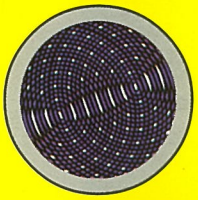
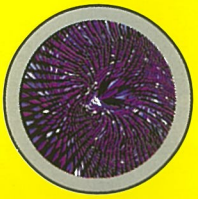
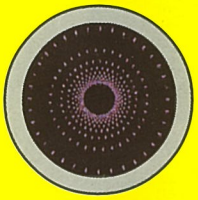
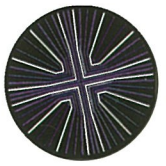
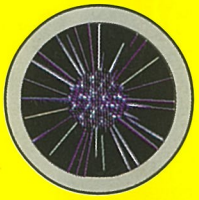
FG7788	 FG7188

PURPLE

2" EFFECTS	3" CASSETTES
FG7791	 FG7191
FG7792	 FG7192
FG7793	 FG7193
FG7794	FG7194
FG7795	 FG7195
 FG7796	 FG7196
FG7797	FG7197
FG7798	FG7198

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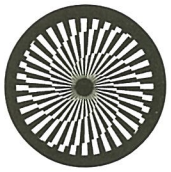
2" EFFECTS

black and white

FG7301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FG7303

FG7304

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FG7306

FG7307

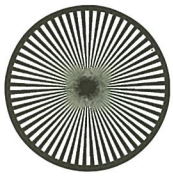
FG7308

FG7309

FG7310

FG7311

FG7312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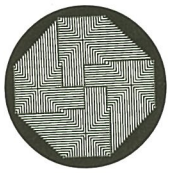
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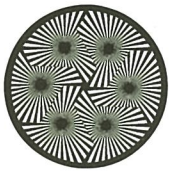
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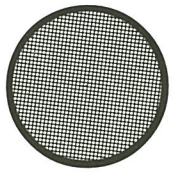
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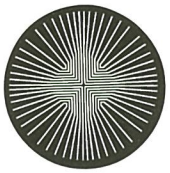
FG7319

FG7320

FG7321

FG7322


FG7323

FG7325

FG7326

FG7327

FG7330

FG7331

FG7333

FG7334

FG7335

FG7337

FG7338

FG7339

FG7340

FG7341

FG7342

FG7343

FG7344

FG7345

FG7346

FG7347

FG7348

FG7349

FG7350

https://www.karillon2.com

2" BEAM EFFECTS

Used through a smoke haze these effects produce 'laser-like' beams of light.

FG7800

FG7801

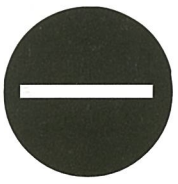
FG7802

FG7803

FG7804

FG7805

FG7806


FG7807

FG7808

FG7809

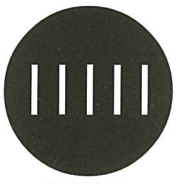
FG7810

FG7811

FG7812

FG7813

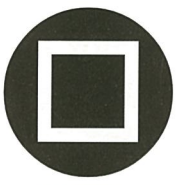
FG7814


FG7815

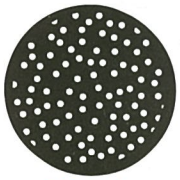
FG7816

FG7817

FG7818


FG7819

FG7820


FG7841

FG7843

FG7846

FG7848

FG7850

FG7851

FG7852

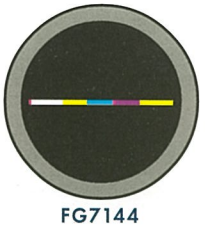
FG7853

3" BEAM EFFECT CASSETTES

FG7141

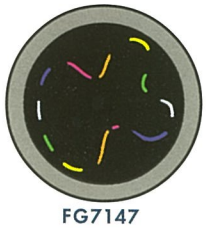
FG7142

FG7143

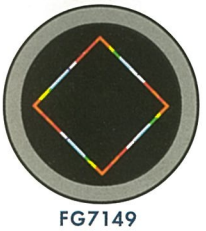

FG7144

FG7145

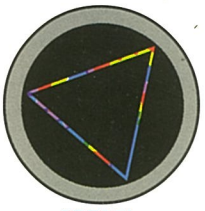
FG7146


FG7147

FG7148


FG7149

FG7150


FG7151

FG7145 is a static line which, depending on how it is orientated on the Cassette Rotator, can create either a wall or ceiling of light with colours moving across.

https://www.karillon2.com

6" EFFECT WHEELS

accessories

WHEEL ROTATORS

A selection of Wheel Rotators are available:

FG6380	6 min.
FG6340	1/2 rpm
FG6350	5 rpm
FG6360	20 rpm
FG6379	Animator

6 minute and1/2 rpm are typically used for most 6" Effect Wheels to turn them through the gate of a projector to produce a constantly moving image. The faster speeds are mainly used with Beam, Distortion and Spektraflash Wheels.

The Animator Wheel Rotator has a fast bi-directional motor which can run wheels at 30rpm or respond to sound when used in a projector fitted with Sound Animation.

6" Effect Wheels are toughened glass and are either screen printed or have a full colour transparency laminated onto them.

WHEEL SAFES

Wheel Safes are enclosed versions of Wheel Rotators that give added protection to 6" Effect Wheels and are available in the same range of speeds.

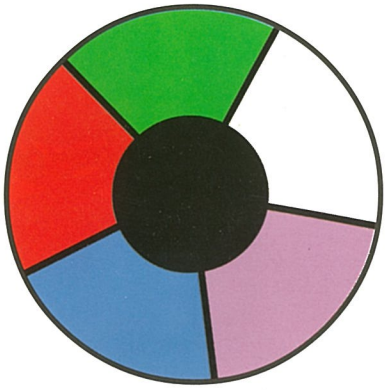
The main speeds are:

FG0066	1/2 rpm
FG0064	5 rpm

SPEKTRAFLASH FG7084

The Spektraflash Wheel fits onto a Wheel Rotator for use in the front gate of any Optikinetics Effects Projector.

The colour of the effect fitted in the rear gate rapidly or slowly changes colour dependent upon which speed Wheel Rotator is used.



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6" EFFECT WHEELS

accessories

DISTORTION WHEELS (Set of 3) FG7037

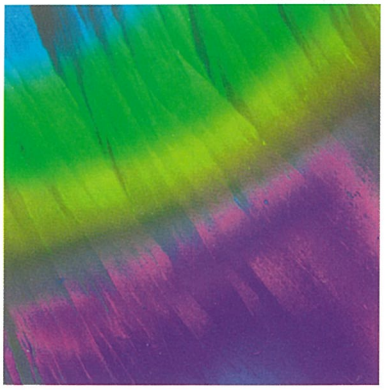
The set comprises light, medium and heavily textured surface 6" clear wheels.

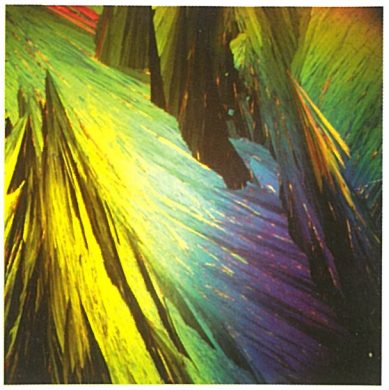
Mounted onto a Wheel Rotator or into a Wheel Safe, they may be used in the front gate of any Optikinetics Effects Projector to modify images. Combined with each other Distortion Wheels produce soft abstract imagery.

CRYSTAL PULSE FG6020

The Crystal Pulse unit houses a slow moving 6" crystal wheel mounted between crossed polarising filters. An electronically driven liquid crystal shutter changes its spectral colours instantly in response to sound.

The Crystal Pulse is recommended for use with the K1 or Solar 250. Polarising filters deteriorate more rapidly in higher powered projectors.





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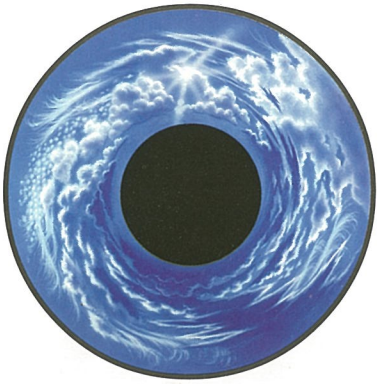
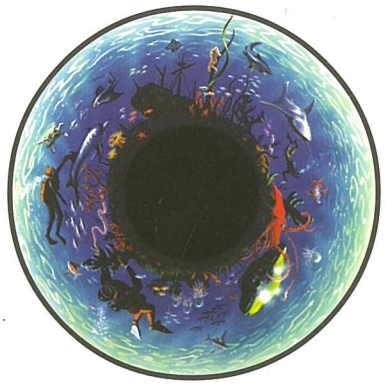
6" EFFECT WHEELS

6" Effect Wheels are used with Optikinetics Wheel Rotators.

AVIATION - FG7040



CLOUD - FG7045



DEEP - FG7049

CAVE - FG7042

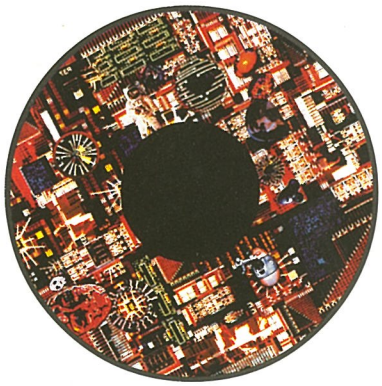
COG - FG7046

DEVIL - FG7050

CHAOS - FG7043

COMIC VIOLENCE - FG7047

EARTHQUAKE - FG7051



CIRCUIT - FG7044

DECADE - FG7048

EASTERN HORIZONS - FG7052

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6" EFFECT WHEELS

FIRE - FG7053

GRAFFITI - FG7057

MAZE - FG7061

FIREWORK - FG7054

INNER SPACE - FG7058

MUNCHIES - FG7062

FLAGS - FG7055

JIGSAW - FG7059

PREHISTORIC - FG7063

FLORAL - FG7056

MAYA - FG7060

QUEST - FG7085

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6" EFFECT WHEELS

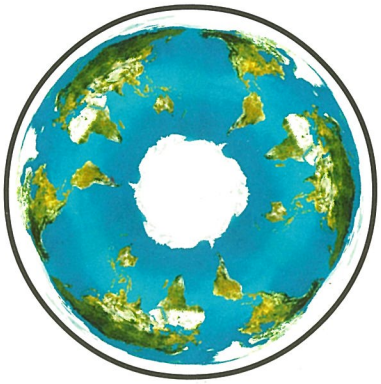
SAFARI - FG7064

TOONS - FG7068

WILDLIFE - FG7071

SHAPELAND - FG7065

TRUCKSTOP - FG7069

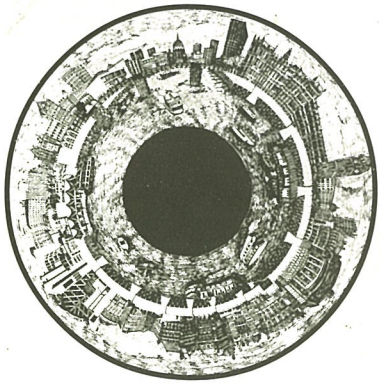


WORLD - FG7086

SPACE RITUAL - FG7066

UTOPIA - FG7070

ZODIAC - FG7072



THAMES - FG7067

WEATHER - FG7087

2001 - FG7073

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6" EFFECT WHEELS

ORGANIC WHEEL FG7083

Organic Wheels are individually hand painted onto toughened glass treated with a textured polymer. Each one is unique.

FG7083

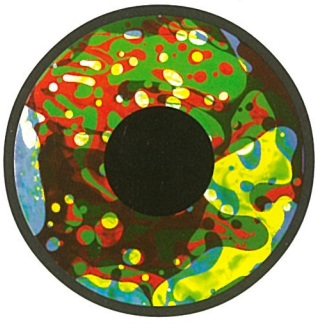
LIQUID WHEEL FG7038

Liquid Wheels combine vivid coloured immiscible liquids in two narrow chambers created by three pieces of toughened glass.

There are many possible combinations, some of which are shown below.

FG7038

FG7038A



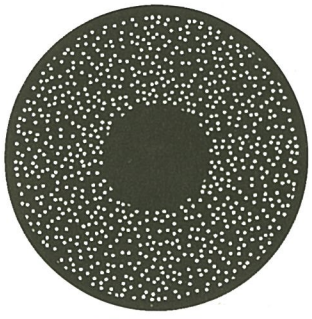
FG7038B

FG7038C

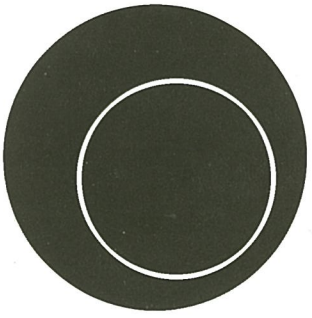
FG7038D

BEAM WHEELS

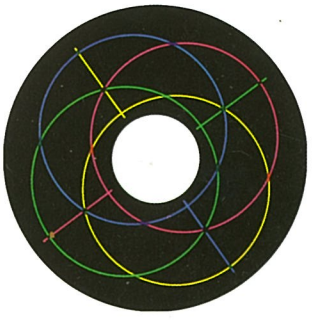
Used through a smoke haze these effects produce 'laser-like' beams of light as illustrated below.



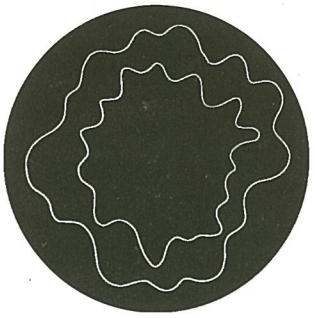
DOT WHEEL
FG7078



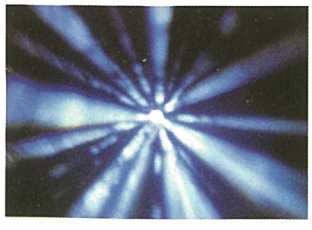
FLAT BEAM
FG7079

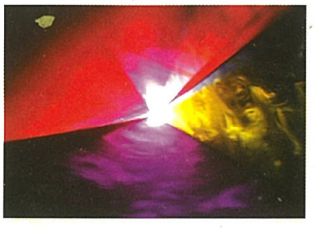


MULTI BEAM
FG7080



WAVY LINE
FG7081





Similar effects can be achieved using Beam Cassettes shown on page 8.

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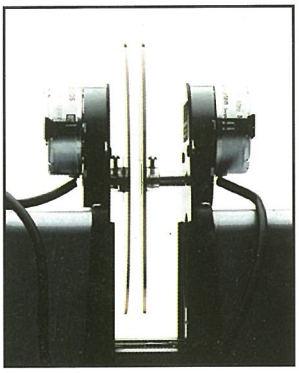
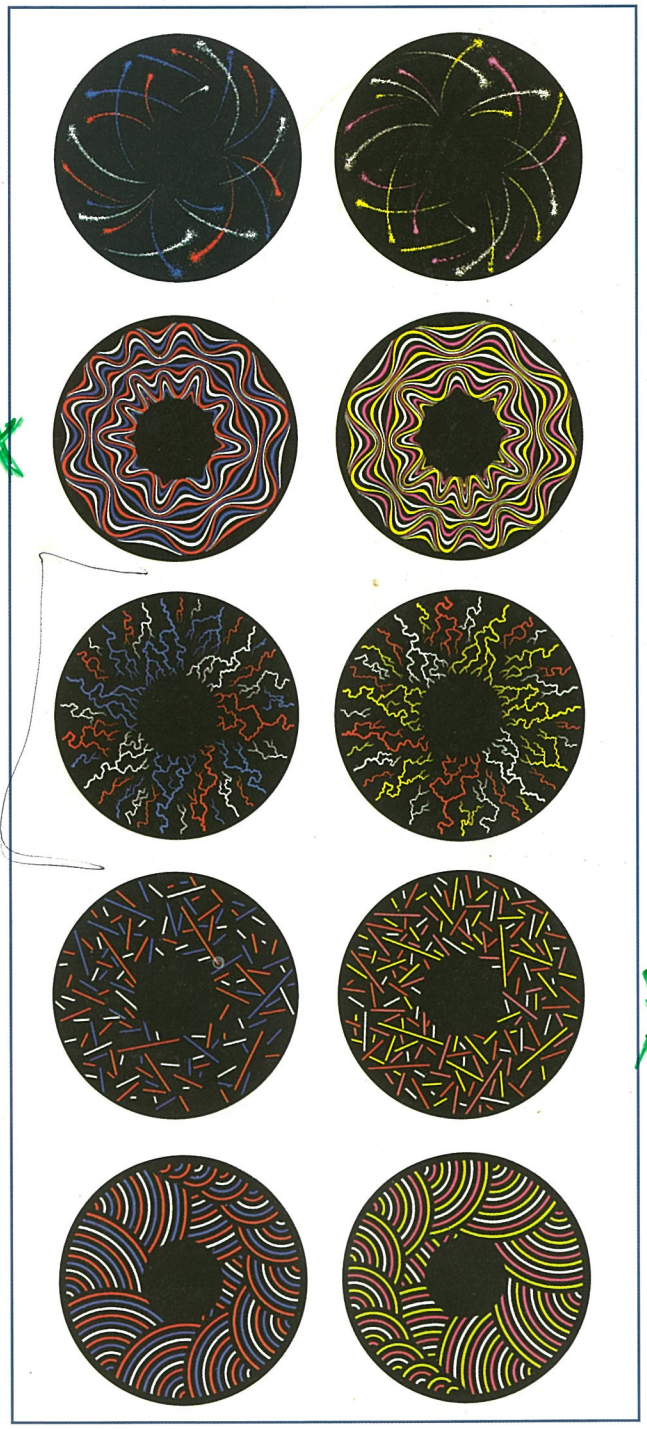
6" EFFECT WHEELS

To create spectacular effects using the 6"wheel format Optikinetics offer two different sets of 10 interchangeable lightweight polycarbonate 6" wheels. Two special Wheel Rotators are also included which counter rotate the wheels close to each other at different set speeds.



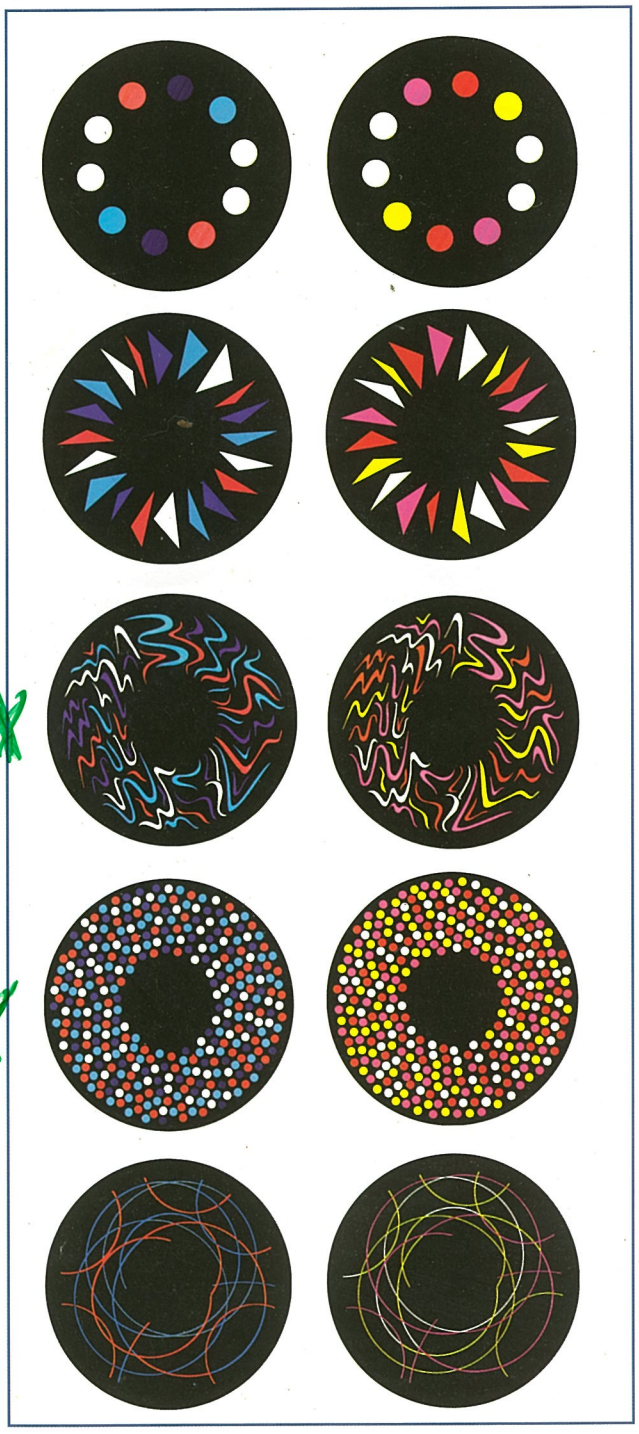
ROTAGRAPH FG6040

One pair create an exciting firework effect, another pair lightning. The rest are a variety of colour effect designs. All combine to make 45 possible effects.



DYNAGRAPH FG6050

Any of the 45 possible combinations of two patterned wheels chosen rotate in opposite directions to produce a flickering matrix of colour and movement.



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CUSTOM IMAGES

for projection

Sales messages on exhibition stands, attention grabbers for "In Store" promotions or effects at entertainment events. Over twenty five years of experience in effects production coupled with state of the art equipment and facilities enables Optikinetics to provide the complete service for projected image animation.

FG0065

A variety of processes are available depending on the application and complexity of the image to be reproduced. Optikinetics formats include 2" Effects, 3" Effect Cassettes and 6" Effect Wheels as well as 62mm glass gobos. Optikinetics can also provide formats for use in other brands of projectors.

62mm Glass Gobos fit into the Gobo Holder (FG0065) or the Gobo Autochanger (FG6035).

A Mac studio and a Class 100 Clean Room enable both a fast and high quality service to be provided.

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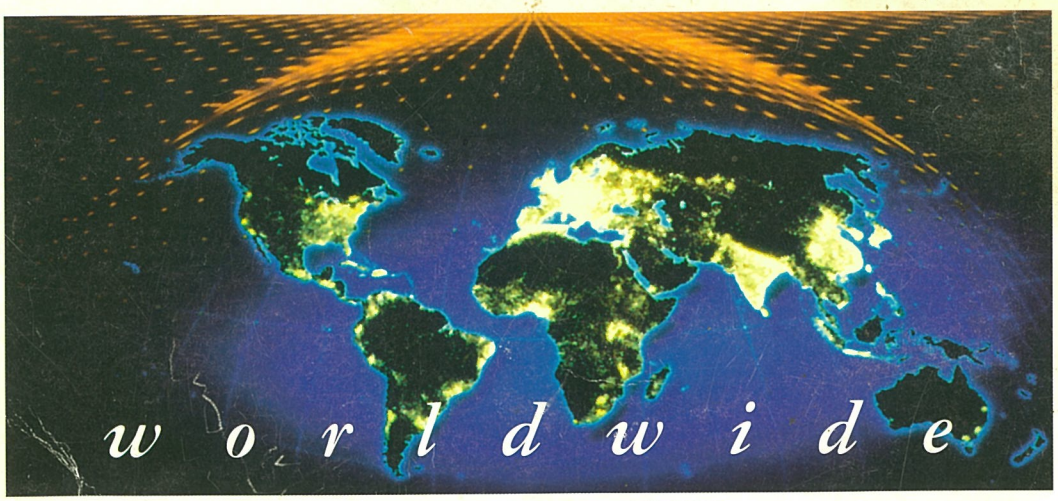
entertainment

exhibitions

retail



Head
Tele
N. England.
2 400613

North Amer
FreeTel: 800
3005-9464. USA.
OPTI (6784) 575

LIGHT MOVES TECHNOLOGIES
631 - 635 Parramatta Road, Leichhardt NSW 2040
Ph: (02) 560 0000 Fax: (02) 568 2333
ACN 003 838 828

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PRINTED IN ENGLAND AUGUST 1996

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