



Mike Ayres Design

Sensory Resources



Projection



For all order enquiries please
email admin@medix21.co.nz or
Tel 04 233 1627

Exclusive to:
Medix21
29 Jarden Mile
Ngauranga 6035
Wellington





Used extensively with whiteboards and smartboards, and increasingly to create large images on walls within Sensory Rooms, Studios and Immersive Projection Rooms, Multi-Media projectors offer multiple interactive opportunities. This can include Interactive Projection and Immersive experiences depending on your needs and aspirations, for further details turn to page 79-85.



Projectors can be used to show film clips, animation, pictures taken on a digital camera, create amazing visual patterns with your voice, as a backdrop for theme work, and with Powerpoint or Keynote for curriculum or topic based work. They can be used to display video and any iTunes App or to turn your studio into a cinema or a 'chill-out' space.



The projectors can be linked to video and DVD players, a sound system, iPod connection, computer and to an iPad.



If you include an Apple TV you can mirror whatever you are doing on the screen of your iPad remotely, as well as accessing audio, video and any iTunes Apps.

Mike Ayres Design offers advice on the best available projector to suit your needs at the time of order or installation.

Please call 01359 251 551 to discuss how to maximise the benefit of your purchase.





iPads, Tablets and Mobile Devices in Sensory Studios®

iPads, Tablets and Mobile Devices have revolutionised our lives and are relied upon for ever more of our daily tasks.

Enabling easy storage of any audio and visual 'tracks' and replay directly through the player, a television, multi-media projector, computer or sound system. The iPad is also an exceptionally good stand alone resource for interactive and learning applications (Apps). Apple TV will also enable you to mirror whatever is on an iPad screen, so you can project (onto a wall or screen) anything that you can see or do in an App, image or folder. This opens up a fantastic range of uses for effects, games, tasks and communication.

All of this can be a brilliant resource for learning and experience within a Sensory Room. Add to this the ability to programme and switch any physical equipment in the room and you have an invaluable tool for access and communication.

iTunes, Podcasts and many other media sharing Apps are widely used in schools, colleges and universities for activities including recording and broadcasting lessons and lectures, sharing information, music and videos. Children produce media content as part of their curriculum and use them to access the vast reservoir of information, advice and opinion available from around the world.

How can we use them in Sensory Studios®?

For controlling your Sensory Environment

The Switch4 iPad App has revolutionised the way that you can use and programme your Sensory Equipment and the whole Environment and then, with one click, turn your iPad into large switches to operate everything. See Switch4 Control on page 34.

For slide shows

Make your own slideshow of anything; a trip to the zoo, 'what I cooked in the kitchen', all your friends, relatives and pets, a story, a sequenced activity, visual instructions, – anything you like.

For story telling

Create libraries of sounds, photos, drawings and videos to play whilst telling your story. The libraries can be easily changed and added to at any time, and you can share them with anyone in the world.

Creating themes and lessons

iPads are an accessible platform for almost any activity and encourage sharing of best practice and experiences. Take pictures, download from the internet, produce them on your computer, use any images, sounds and videos to create effects for a journey through space, a trip to the shop, London in the second World War, 'what do I need to make an omelette?', or any other subject. The pupils can help to create the themes and keep them as evidence of their work. Using iPads and iTunes is very simple and the technology is being improved and becoming even easier all the time.

Using Apps, video and mirroring

You can use an iPad for almost anything and can share that experience with anyone. You can do live videoing and see yourself and friends on a giant projection wall, or mirror whatever is on the screen of the iPad as well as play an incredibly wide range of interactive games and access the internet.

There is also an ever increasing number of specialist and mainstream Apps that can be used very successfully in Sensory Environments. See the links on page 77 for more information about appropriate Apps.



Note: Technology and product development is progressing so rapidly that we may be using iPad technology that we cannot yet envisage at the time of writing, who knows? But rest assured that Mike Ayres Design Control Systems and rooms will keep up with future innovations.

For information on iPods, iPads, iTunes, Apps and podcasts go to:

www.apple.com/uk/education/special-education/
www.apple.com/uk/education
www.apple.com/uk/store
<http://www.hirstwood.com/online-ipad-training-2/>

For information on setting up a Sensory Studio® with iPod and iPad facilities contact:

Mike Ayres Design on 01359 251 551 or visit our website:
www.mikeayresdesign.co.uk



Interactive Floor Projection System

A fun, exciting and engaging platform that offers accessible sensory learning experiences, omiVista is a highly visual and intuitive system. Responsive to the smallest gesture or movement it enables students to easily interact and engage in stimulating audio-visual experiences and is truly accessible to everyone.

The system helps promote inclusive practices in education by engaging students of all ages and abilities; whether it is students with PMLD learning through cause and effect or mainstream 16+ learning how to create their own interactive applications, omiVista offers scope for all.

omiVista is available with over 900 settings in 3 different Suites; Educational, Sensory Fun and Autism. Each with a huge range of activities at different skill levels.

All of these are encompassed within 5 standard templates (types of interactive gesture). 9 additional templates and activities are available to purchase separately.

omiVista benefits include:

- Motivates and inspires with engaging content
- Audio-visual rewards are instantly discernible
- Creates an inclusive learning environment
- Stimulates language, physical and mental development
- Encourages active participation
- Removes barriers to learning
- Increases group collaboration and problem-solving skills
- Empowers individuals to take control of their environment
- Fully customisable – create your own content



Sensory Fun Suite (part of package)

The Sensory Fun Suite is a treasure trove of audio-visual effects designed to stimulate, engage and relax.

Whether making ripples across a lily pond, sweeping jelly stars across the sky, swimming with dolphins, playing a giant glockenspiel, catching rainbows or splatting paint balls in the snow this suite of 300 settings opens up a world of magical discovery where the imagined becomes reality.

Responding to the smallest gesture, the omiVista Sensory Fun Suite is programmed with 3 levels of differentiated response, enabling users of all ages and abilities to share experiences that are both transforming and life-changing. The differentiated levels also offer a developmental path for users.

Education Suite (part of package)

The Education Suite is a rich compendium of interactive settings designed to support the core skills of the EYFS and KS1 Primary Curriculum and includes a comprehensive manual detailing the content and differentiated lesson ideas.

Whether users are magically colouring a giant Kandinsky, virtual pond dipping, walking on phonemes, finding fractions, revealing food origins, exploring the galaxy or meeting characters from the past, they are engaged in an inclusive journey of knowledge and discovery. Responses from those Educators already using it are highly encouraging...users are motivated, developing greater reasoning and observation skills and are satisfying tasks set out in the National Curriculum. It effectively removes traditional barriers to learning and challenges and supports the pursuit of progress for all students.

Autism Suite (additional purchase)

This Suite supports development and understanding across key areas of Autistic Spectrum Conditions.

Includes over 200 settings arranged in levels, showing clear progression of skills.

These gesture-activated experiences are highly motivating for users on the autistic spectrum. The engaging visual resources allow direct teaching of skills as well as learning through imitation. The settings focus on key areas of difficulties effectively supporting the work of Occupational and Speech & Language Therapists.



omiVista is supplied as a package and is available in 4 versions:

omiVista Install – ceiling mounted projector assembly, suitable for Sensory Rooms, interactive zones and main halls.

The main features include:

- Educational Suite with 400+ settings
- Sensory Fun Suite with 300+ settings
- Autism Suite with 200+ settings (additional purchase)
- Detailed manuals with session guidelines
- Session monitoring template
- Full content creation and editing possibilities
- Wireless remote control
- Simple ON/OFF system control
- 2 on-site training sessions

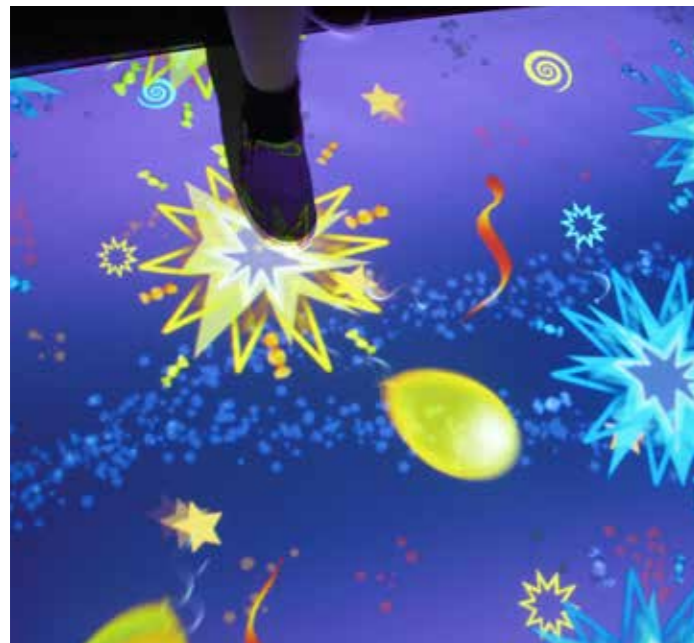
omiVista Install Lite – This is the same as above, but without the creating and editing facility and handover training.

omiVista Mobile – this self-contained 'plug and play' system can be used in any area and transported from site to site (projector included).

The main features include:

- Self contained portable unit
- Educational Suite with 400+ settings
- Sensory Fun Suite with 300+ settings
- Autism Suite with 200+ settings (additional purchase)
- Detailed manuals with session guidelines
- Session monitoring template
- Full content creating and editing possibilities
- Wireless remote control
- Simple ON/OFF system control
- Antibacterial finish and a Dust Cover
- 2 on-site training sessions

omiVista Mobile Lite – This is the same as above, but without the creating and editing facilities or handover training.



omiVista Installed version

Code	Product	£ ex VAT	VAT Exempt
1601-201	omiVista install package includes: Creating and editing possibilities, Software with Sensory and Educational Suites with 700 settings, movement tracking camera system, multimedia PC, 2 on-site training sessions. (Does not include the Projector bundle or Installation. See separate list for Projectors)		
1601-202	omiVista Install Lite – including an entry level Projector bundle, but with no creating or editing.		
1601-204	Autism Suite with over 200 settings		
1601-206	Wireless Remote Controller for simple navigation of content and system shut down		
1601-211	One additional template (choose any one)		
1601-215	Five additional templates (includes over 70 additional settings)		
1601-210	Nine additional templates (includes over 100 additional settings)		
1601-231	2m x 1.5m White Vinyl flooring (screen)		
1601-233	2m x 1.5m 3M self adhesive flooring		

Note: You will need to buy a projector bundle with the omiVista install package. Phone 01359 251 551 for advice on which one to choose.

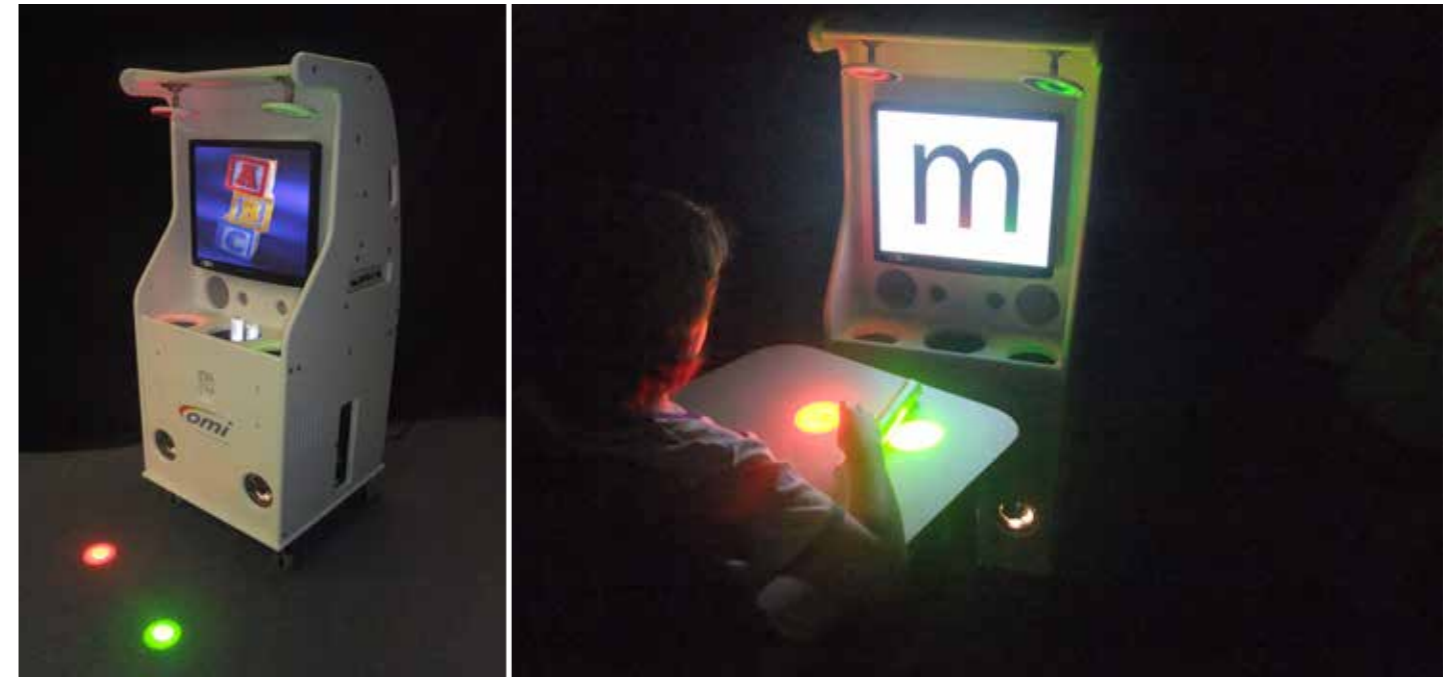
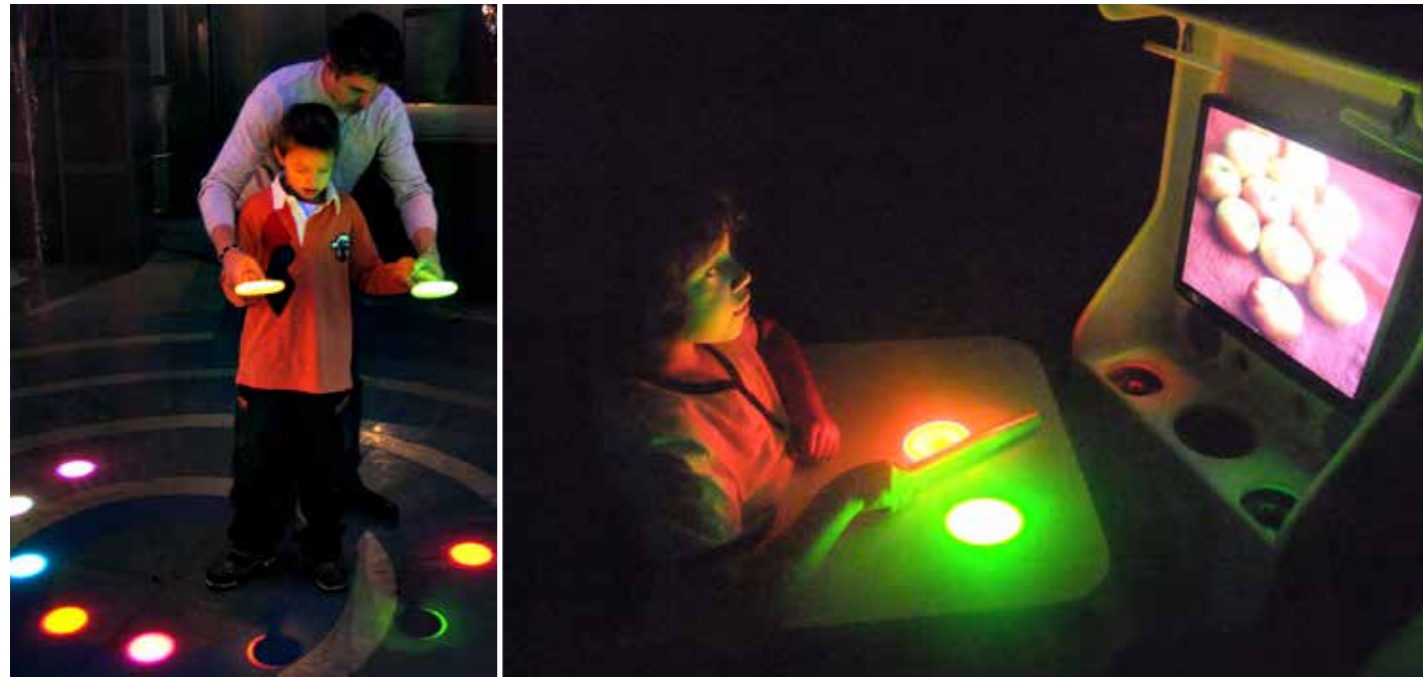
Projector Bundles for omiVista and omiReflex Installed versions – include: projector, mounting bracket, coated mirror, back plate and cabling:

Code	Product	£ ex VAT	VAT Exempt
1601-221	Entry Level – 2500 Lumens / 1.5 – 1.8:1 lens / type LCD		
1601-222	Mid-Range Wide – 4500 Lumens / 1.15 – 1.85:1 wide angle lens / type LCD		
1601-223	High Spec – 3500 Lumens – 1.3 – 1.9:1 wide angle lens / motorised zoom / type DLP		

omiVista Mobile version

Everything comes pre-installed in the Portable Unit

Code	Product	£ ex VAT	VAT Exempt
1601-251	omiVista Mobile - system includes all items as the installation system that are contained in a mobile wooden cabinet, DLP video projector and integrated user button box		
1601-252	omiVista Mobile Lite – Same as above, but with no creating or editing possibilities.		
1601-211	One additional template (choose any one)		
1601-215	Five additional templates (includes over 70 additional settings)		
1601-210	Nine additional templates (includes over 100 additional settings)		
1601-231	2m x 1.5m White Vinyl flooring (screen)		



Interactive Sound and Light System

Amazingly accessible, the omiBeam gesture controlled lighting system provides tremendous, fun packed learning and discovery. Activate the system with less than 2mm of movement from any part of the body through the visible beam of coloured light.

The coloured beams of light act as a trigger for an amazing array of sound, music and images. This obvious and immediate correlation between cause and effect helps users to gain a valuable sense of control and independence.

omiBeam is supplied with over 50 themed interactive settings.

Users can for example:

- Play the Drums
- Explore the Rainforest
- Meet the animals of the Arctic
- Investigate our Solar System
- Explore the Ocean
- Have Fun with Fractions
- Discover Food Origins
- Travel back in time to hear Martin Luther King
- Visit a Victorian Toyshop

Advanced users can also create their own personalised sound & image settings making this a powerful motivational tool with long term appeal.

System versions

omiBeam is supplied as a complete package and there are 3 main options:

omiBeam Install – 4 or 8 beams installed in the ceiling.

Main features:

- 4 or 8 Units of omiBeam LED
- 50 plus interactive settings
- Wireless remote control
- User manual
- Activity monitoring template
- 2 on-site training sessions
- Simple ON/OFF system control

omiBeam Mobile – A plug and play portable unit housing two directional beams.

Main features:

- Self contained portable unit with 2 directional beams
- 50 plus interactive settings
- Wireless remote control
- User manual
- Activity monitoring template
- 2 on-site training sessions
- Simple ON/OFF system control

omiBeam Combi – Fixed installation and portable unit combined for greater flexibility.

Main features:

- Complete omiBeam Mobile Unit with 2 beams
- 8 fixed Units of omiBeam LED
- 50 plus interactive settings
- User manual
- Activity monitoring template
- 2 on-site training sessions
- Simple ON/OFF system control



Code	Product	£ ex VAT	VAT Exempt
1601-104	omiBeam 4 beam installed system		
1601-108	omiBeam 8 beam installed system		
1601-151	omiBeam Mobile with 2 beams		
1601-161	omiBeam Combi with 2 plus 8 beams		
1601-119	Spare lamps for omiBeam (pack of 4)		
1601-121	Reflective batons (pack of 6)		
1601-122	Reflective pads 50mm (pack of 10)		
1601-123	Reflective mitts (1 pair)		
1601-124	Reflective fabric – 1 m ²		
1601-131	Additional half day on site training		
1601-132	Additional full day on site training		



Interactive Wall Projection System

An Interactive Wall Projection system that displays a 'magical' mirror image of the user, whilst projecting dynamic moving images which respond to their gestures.

The **omiReflex** system projects onto vertical surfaces such as light coloured walls, white boards and projector screens.

Users can scatter stars, paint pictures, play drums, move cars and buses, change kittens into puppies, stop an alien invasion or splat paint colours all whilst seeing themselves captured live moving on the screen in front of them.

This is particularly appropriate for users who need:

- Opportunities for proprioceptive and vestibular feedback
- Encouragement for greater coordination/motor skill development
- An interactive therapeutic tool that can calm and stimulate

Fully customisable omiReflex allows customers to add their own images, sounds and videos for sustained long term appeal.

Code	Product	£ ex VAT	VAT Exempt
1601-301	omiReflex Install system (Does not include the Projector bundle or Installation. See separate list for Projectors – page 85)		
1601-312	omiReflex Mobile – Complete system		

System versions

This system is supplied as a complete package in two formats:

omiReflex Install – Fixed installation with a ceiling mounted projector.

Main features:

- Sensory Fun Suite with over 300 settings
- 3 difficulty levels and 5 themes
- Activity Monitoring Template
- 2 on-site training sessions
- Wireless remote control
- Simple ON/OFF system control

omiReflex Mobile – Portable self contained system designed to be used anywhere.

Main features:

- Self contained portable unit
- Sensory Fun Suite with over 300 settings
- 3 difficulty levels and 5 themes
- Activity Monitoring Template
- 2 on-site training sessions
- Wireless remote control
- Simple ON/OFF system control
- Antibacterial finish and a Dust Cover

Projector Bundles for omiVista and omiReflex Installed versions – include: projector, mounting bracket, coated mirror, back plate and cabling:

Code	Product	£ ex VAT	VAT Exempt
1601-221	Entry Level – 2500 Lumens / 1.5 – 1.8:1 lens / type LCD		
1601-222	Mid-Range Wide – 4500 Lumens / 1.15 – 1.85:1 wide angle lens / type LCD		
1601-223	High Spec – 3500 Lumens – 1.3 – 1.9:1 wide angle lens / motorised zoom / type DLP		



Opti Projectors and Visual Effects



NEW – Opti Aura Projector

Create your own home sensory environment using this amazing multi-effect projector. Using the same effects found in sensory rooms across the world, the new [Opti] Aura Projector has been designed specifically as an affordable item for your home. Providing wonderful effects in your bedroom, lounge or anywhere in the home, the Aura Projector can be pointed in any direction, even on to the ceiling and benefits from a contemporary, spherical design to ensure it is attractive in any setting.

- The Aura has a dimmable function and off timer capabilities
- The Projector comes with one 6" Effect Wheel that fits easily on the integral wheel rotator
- Over 200 effect wheels to choose from
- Additional wheels are available to purchase separately
- A table and wall mount with fixtures and fittings is also included

Code	Product	£ ex VAT	VAT Exempt
0734-025	Aura LED Projector – with 1 Projection Wheel		



Opti Sensory 100 LED Projector

The OPTI Sensory 100 LED is the smallest, quietest, safest and most economical 'bright light' effects projector in the Optikinetics range. Designed for multi-sensory effects projection in smaller therapy rooms and private homes, this silent running 12V projector punches above it's weight and can be used in other environments for effects or gobo projection to set the mood, inform or promote.

The light for the Sensory 100 LED is supplied by a 1400 lumen, energy efficient 20W LED module that lasts for over 100,000 hours with a high color temperature, concentrated through Optikinetics' unique optical system, for truer color projection and better image clarity than any other comparable projector on the market.

A Wheel or Cassette Rotator is required to attach effects to the Opti Sensory 100 LED Projector.

Code	Product	£ ex VAT	VAT Exempt
0734-009	Opti Sensory 100 LED Projector		



Opti Sensory LED Projector

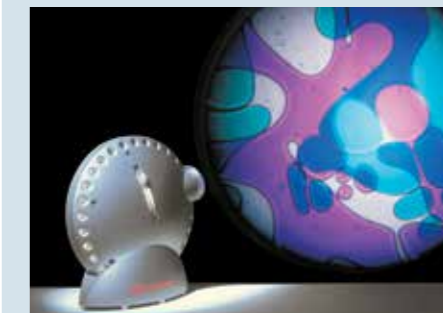
Projectors are one of the most basic and versatile pieces of equipment used for multi-sensory work. This NEW LED projector is as bright as the original Solar 250, it is also much cooler, quieter, weighs less, does not spill as much unwanted light and you never need to replace lamps. This projector also has the unique feature of having sockets enabling you to plug in Switches to turn the image ON and OFF and START and STOP the rotation of the effects wheel. It can project moving images over a whole wall, or with the use of rotating prisms and mirrors, around a whole room. It can also project onto a very small area to create a focal point for visual, cause-and-effect and choice-giving work.

Projectors can be used for shadow work, theming an area, art and technology (by creating your own wheels), numeracy work, literacy work as well as storytelling too. There are a wide range of wheels, cassettes, lenses and attachments, which allow very varied use.

A Wheel or Cassette Rotator is required to attach effects to the Opti Sensory LED Projector.

Code	Product	£ ex VAT	VAT Exempt
0734-007	Opti Sensory LED Projector – standard lens		
0734-008	Opti Sensory LED Projector – wide angle lens		

See more projectors on page 99



Mathmos Space Projector



3D Laser Star Projector

Opti Projectors and Visual Effects

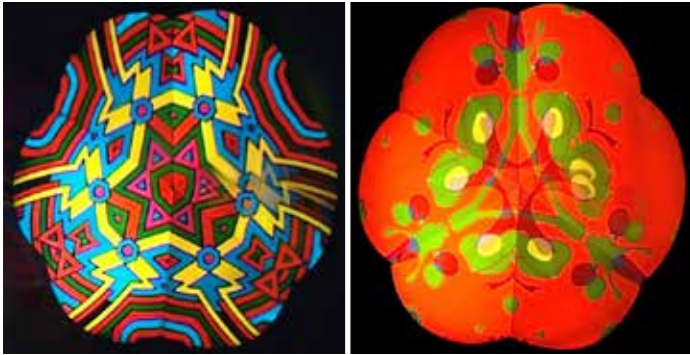
Lenses

A range of spare and optional lenses for the Opti Projectors. A standard 85mm lens is supplied with the projector.

The **Wide Angle Lens** creates a larger image and is good for use in small rooms.

The **Kaleidoscope Lens** splits any image, creating a snowflake of movement and colour. It is good for encouraging visual focus and wonderful for viewing home-made pattern wheels.

Code	Product	£ ex VAT	VAT Exempt
0734-005	Standard Lens 85mm		
0734-006	Wide Angle Lens 60mm		
0734-031	Kaleidoscope Lens		



Wheel and Cassette Rotators

Effect wheels must be used with the **Wheel Rotators** in the projectors. There are three different speeds of wheel rotator for the 6" effect wheels:

Ultra Slow Rotator, for story telling and talking about the images.
½ RPM Rotator, for most uses. Shows clear movement of projected images.

5 RPM Rotator, for fast moving images.

Wheel Safe Rotator has a metal casing and is best for protecting Liquid Wheels which are made of glass and are therefore fragile. (Does not fit Solar 100 Projector)

Cassette Rotator, for animating pattern cassettes.

Max Rotator, for use with the Max Effect Wheels

Dual Wheel Rotator is designed to fit both Standard 6" Wheels and 9" Max Wheels.

It also has variable speed control, from 1 revolution in 50 minutes up to 5 revolutions in 1 minute.

Please note that you should only use the Rotator at very slow speeds with the Opti LED Projectors. (Projectors with halogen lamps create heat, which may damage the wheel at very low speed.)

The Dual Wheel Rotator fits all Opti and Solar Projectors (except the Aura Projector which has a built in rotator).

Code	Product	£ ex VAT	VAT Exempt
0734-011	Ultra Slow Wheel Rotator		
0734-012	½ RPM Wheel Rotator		
0734-013	5 RPM Wheel Rotator		
0734-014	½ RPM Wheel Safe Rotator		
0734-022	50mm Cassette Rotator		
0734-018	Max Wheel Rotator (6 minute)		
0734-015	Dual Wheel Rotator		



Opti Magnet Wheel Adaptor Kit



If you do not have a Magnetic Wheel Rotator – don't let that stop you trying or switching to Magnetic Wheels. The Magnetic Wheel Rotator Adaptor turns your existing 'spindle drive' Wheel Rotator into a Magnetic Wheel Rotator

Code	Product	£ ex VAT	VAT Exempt
0734-017	Opti Magnet Wheel Adaptor Kit		

Mirrors and Prisms

A range of accessories which fit on the front of all Opti Projectors, enabling you to split and move images around the room.

The **Deflector Mirror** allows images to be projected onto the ceiling, floor or walls adjacent to the projector.

The **Panoramic Rotator** fits onto the lens of the projector and splits and sends the image rotating around the room.

Clip-on Prisms fit onto the lens of the projector and divide the projected image into 2, 3 and 4 different images respectively.

The **Multi-facet Mirror** fits on to the lens of the Opti Sensory Projector. It is a less expensive option to the Multi-Mirror and gives a fragmented image effect, but without the moving mirror head.

Code	Product	£ ex VAT	VAT Exempt
0734-032	Panoramic Rotator		
0734-033	Deflector Mirror		
0734-034	Clip-on Prism – 2-facet		
0734-035	Clip-on Prism – 3-facet		
0734-036	Clip-on Prism – 4-facet		
0734-045	Opti Multi-Facet Mirror		

Multi-Mirror



The Multi-Mirror fits on existing projectors and gives a wonderful movement and depth when used with the abstract wheels. It creates such effects as snow storms, autumn showers and galaxies of moving stars. It is almost like a 'video' effect, creating wonderful backdrops for themes.

Code	Product	£ ex VAT	VAT Exempt
0734-043	Opti Multi-Mirror		



Opti Projectors and Visual Effects

Projection Pattern Wheels 6"

Pattern Wheels present moving visual images, which can be used for theme and curriculum work, relaxation, communication and storytelling and many other purposes within multi-sensory work. All wheels are plastic and safe to use in Sensory Rooms. Pattern Wheels must be mounted on a Wheel Rotator when used in any Projector. All Wheels will fit Opti Sensory Projectors and the Aura Projector.

Code	Product	£ ex VAT	VAT Exempt
0734-***	Individual Pattern Wheels Please state specific wheel name and code (as shown below image)		
0734-798	Set of 5 different Pattern Wheels Select any 5 from the range		



0734-702
Balloons



0734-739
Avalon Dawn



0734-735
Zodiac



0734-729
Prehistoric



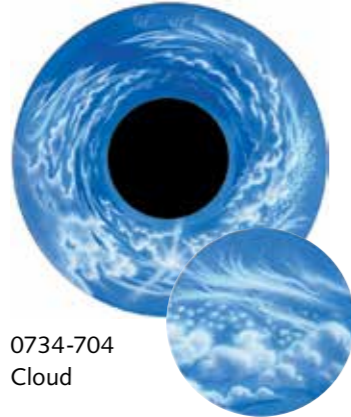
0734-720
Safari



0734-730
Shapeland



0734-701
Aviation



0734-704
Cloud



0734-788
Cloud
Black and White



0734-747
Cog



0734-732
Space Ritual



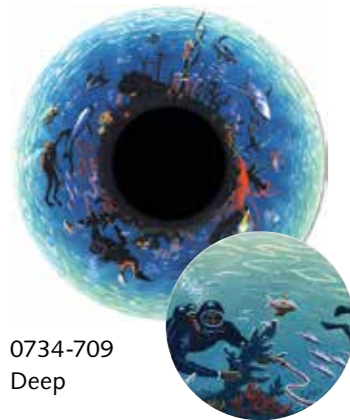
0734-787
Wildlife
Black and White



0734-736
2001



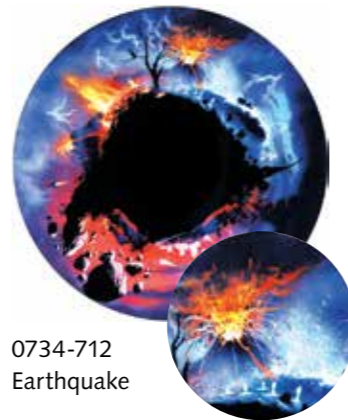
0734-760
Whales



0734-709
Deep



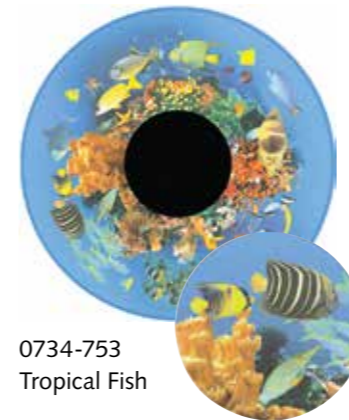
0734-713
Flags



0734-712
Earthquake



0734-714
Fire



0734-753
Tropical Fish



0734-764
Tropical Birds



0734-770
Butterflies



0734-772
In the Country



0734-715
Fireworks



0734-723
Munchies



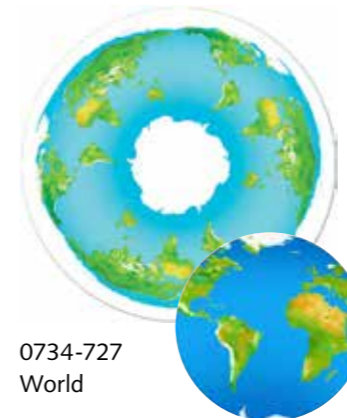
0734-763
Graffiti



0734-718
Inner Space



0734-765
Quest



0734-727
World



0734-725
Weather



0734-791
Seasoned
Woods



Opti Projectors and Visual Effects



0734-707
Birthday



0734-734
Camouflage



0734-710
Countryside



0734-717
Floral



0734-761
Flowers



0734-762
Fluffy
(Animals)



0734-766
Ghost



0734-719
Jigsaw



0734-721
Motorcycles



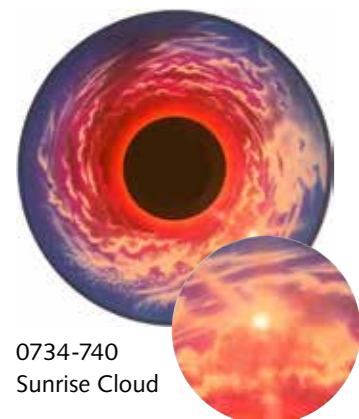
0734-746
Outdoor
Ball Sport



0734-731
Picnic



0734-728
Seaside



0734-740
Sunrise Cloud

Reminiscence Projection Wheels

A range of Projector Wheels specially designed to encourage memory and communication about time gone by. Liquid Wheels and many other wheels can also be used to create a relaxing environment. Requires a Wheel Rotator to work with Opti Projectors. (except the Aura Projector).



0734-733
1940s Film
Stars



0734-741
Musical Stars
1930s - 50s



0734-742
1930s - 1940s
Films



0734-743
1950 Film Star
Cards



0734-744
1940s - 1960s



0734-978
1936 - 1945



0734-979
Vintage
Products



0734-980
Sports Star
Cards



0734-792
Stained Glass

Code	Product	£ ex VAT	VAT Exempt
0734-741	Musical Stars 1930s to 50s 6" Wheel		
0734-742	1930s to 1940s Films 6" Wheel		
0734-733	1940s Film Stars 6" Wheel		
0734-744	1940s to 1960s 6" Wheel		
0734-792	Stained Glass 6" Wheel		
0734-759	Thames 6" Wheel		
0734-743	1950 Film Star Cards 6" Wheel		
0734-978	1936 to 1945 Max Wheel		
0734-979	Vintage Products Max Wheel		
0734-980	Sports Star Cards Max Wheel		
0734-798	Set of 5 different 6" Pattern Wheels Select any 5 from the range		
0734-998	Set of 5 different Max Effect Wheels Select any 5 from the whole range		



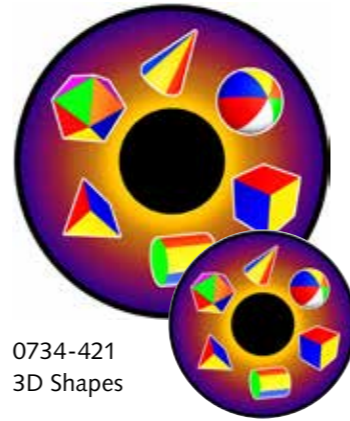
Early Learning Wheels 6"

This series of wheels are specially designed with basic objects and subjects, as an aid to early learning and communication. Requires a Wheel Rotator to work with Opti Projectors (except the Aura Projector).

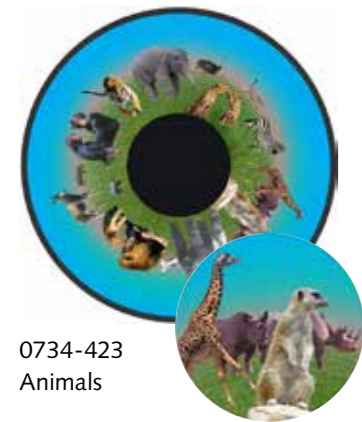
Code	Product	£ ex VAT	VAT Exempt
0734-***	Early Learning Wheels Please state specific wheel name and code (as shown below image)		
0734-798	Set of 5 different Early Learning Wheels Select any 5 from the range		



0734-420
2D Shapes



0734-421
3D Shapes



0734-423
Animals



0734-424
Balloon Festival



0734-425
Balls



0734-426
Family Pets



0734-427
Fruit



0734-428
Jurassic Park



0734-429
Salad
Vegetables



0734-431
Vegetables



0734-432
ABC



0734-435
Farm Animals



0734-437
People of
the World

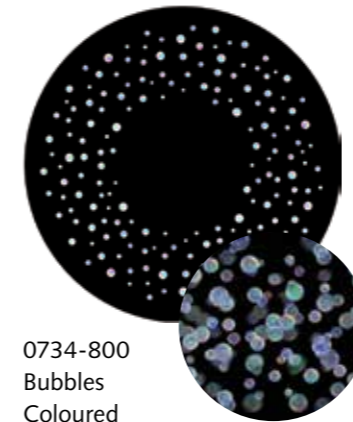


0734-438
Road Transport

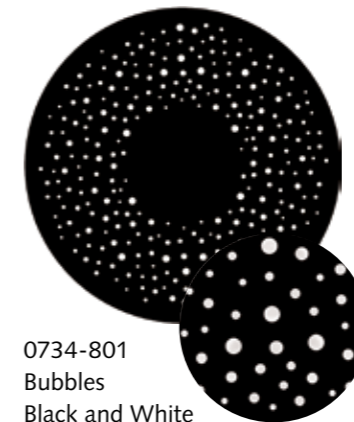
Abstract Wheels (multi-directional effects)

This is a series of wheels that can be used on their own, but are best used in conjunction with a Opti Multi-Mirror or a Multi-Facet Mirror. They give a wonderful movement and depth and create such effects as snow storms, autumn showers and galaxies of moving stars. It is almost like a video effect, creating wonderful backdrops for themes. Requires a Wheel Rotator to work with Opti Projectors (except the Aura Projector).

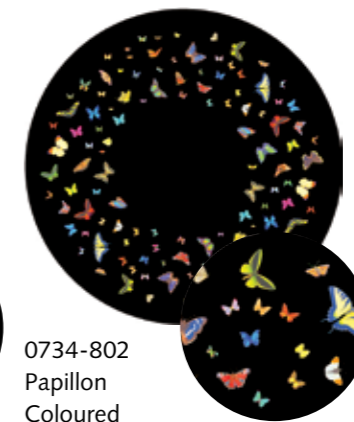
Code	Product	£ ex VAT	VAT Exempt
0734-***	Individual plastic Pattern Wheels 6" Please state specific wheel name and code (as shown below image)		
0734-798	Set of 5 different plastic Pattern Wheels 6" Select any 5 from the range		
0734-043	Solar Multi-Mirror		
0734-045	Opti Multi-Facet Mirror		



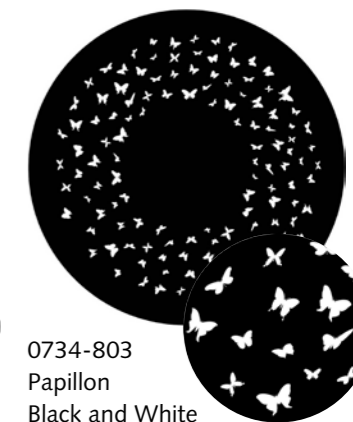
0734-800
Bubbles
Coloured



0734-801
Bubbles
Black and White



0734-802
Papillon
Coloured



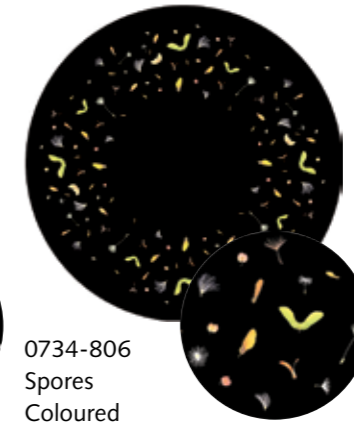
0734-803
Papillon
Black and White



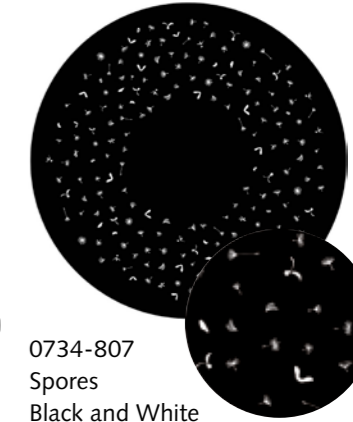
0734-804
Leaf
Coloured



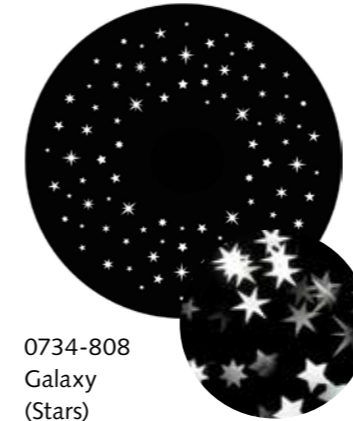
0734-805
Leaf
Black and White



0734-806
Spores
Coloured



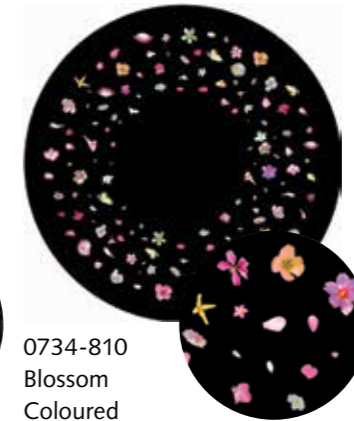
0734-807
Spores
Black and White



0734-808
Galaxy
(Stars)



0734-809
Snow Crystals



0734-810
Blossom
Coloured



0734-811
Blossom
Black and White

Opti Projectors and Visual Effects



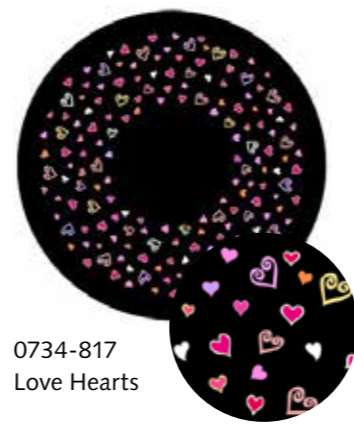
0734-812
Flock of Birds



0734-813
Flying Pigs



0734-815
Candles



0734-817
Love Hearts



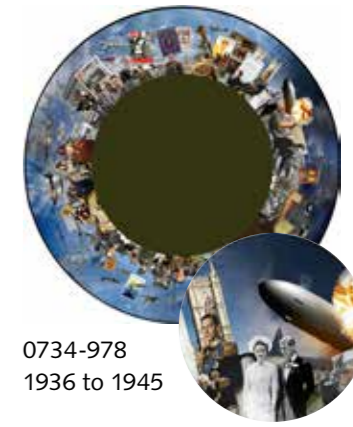
0734-975
Planets



0734-976
Alphabet



0734-977
Winter Sports



0734-978
1936 to 1945

Max Effect Pattern Wheels

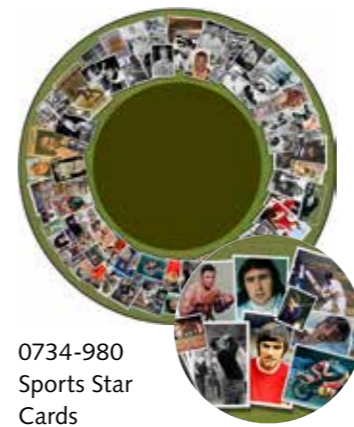
The Max Effect Wheels project a larger range of images and content because of the increased area of the wheel.

This is a range of 14 enhanced photographic wheels, each with about twice as many images as the traditional 6" wheel, and of a much higher definition. When used with the Max Rotator or Dual Wheel Rotator it can have up to a 6 minute rotation. It will create wonderful moving scenes.

Code	Product	£ ex VAT	VAT Exempt
0734-***	Individual Max Effect Wheels Please state specific wheel name and code (as shown below image)		
0734-998	Set of 5 different max Effect Wheels Select any 5 from the range		



0734-979
Vintage Products



0734-980
Sports Star Cards



0734-967
Meadow



0734-968
Farming



0734-969
Woodland



0734-970
African Safari



0734-971
Forest



0734-972
Day and Night Sky



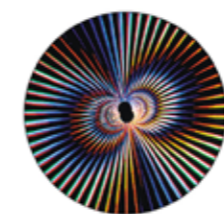
0734-973
Aquarium



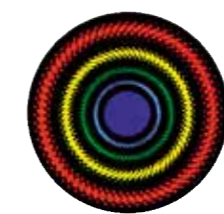
0734-974
Coral Reef



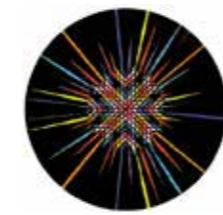
104



113



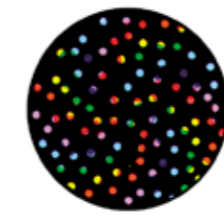
122



123



126



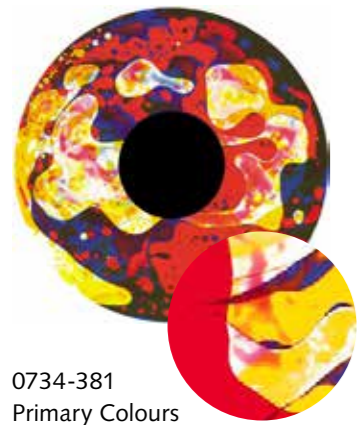
142

Pattern Cassettes

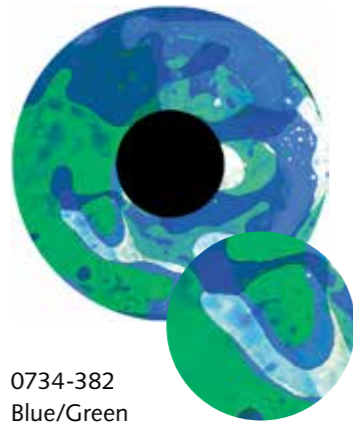
New size: 50mm diameter. Cassettes offer strong visual patterns, which rotate and change within themselves. They are tremendous for encouraging focusing on one point. Try working close to the projector with the image projected on a Projection Brolley. Must be mounted on a 50mm Cassette Rotator.

Code	Product	£ ex VAT	VAT Exempt
0734-104	50mm Cassette 104		
0734-113	50mm Cassette 113		
0734-122	50mm Cassette 122		
0734-123	50mm Cassette 123		
0734-126	50mm Cassette 126		
0734-142	50mm Cassette 142		

Opti Projectors and Visual Effects



0734-381
Primary Colours



0734-382
Blue/Green



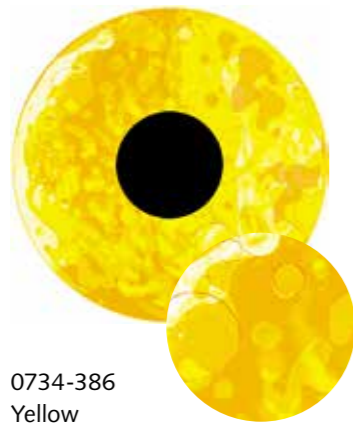
Clear Wheels

Clear plastic wheels enable you to create your own effects and customise and experiment with images. Try using OHP film with marker pens, transparencies, or coloured filter paper to make your own bespoke effect wheels, then fit a Kaleidoscope Lens on to the projector. The results can be spectacular! Requires a Wheel Rotator to work with Opti Projectors (except the Aura Projector).

Code	Product	£ ex VAT	VAT Exempt
0734-301	Clear Wheel (individual)		
0734-305	Set of 5 Clear Wheels		



0734-385
Red/Pink



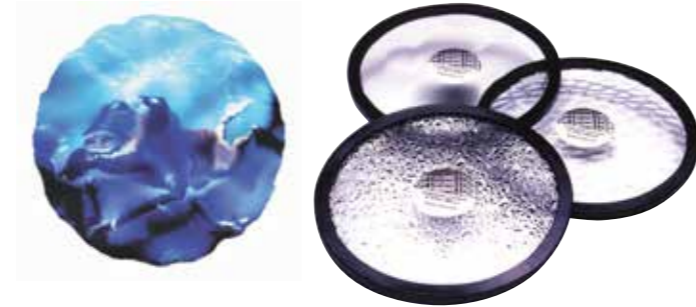
0734-386
Yellow



0734-383
Purple/Blue



0734-384
Red/Yellow



Distortion Wheels

The three Distortion Wheels provide different effects when used in conjunction with Pattern Wheels. Put the Pattern Wheel in the back gate of the Projector and the Distortion Wheel in the front gate and see how the images come alive in a fascinating way.

Code	Product	£ ex VAT	VAT Exempt
0734-310	Distortion Wheels (set of 3)		

Liquid Wheels

Liquid wheels are popular effects, they present fluid areas of changing colour to focus on and relax with. Great for prompting discussion, as the image is organic, ever changing and abstract, each wheel has different colours to offer a different feel and ambience. Requires a Wheel Rotator or Wheel Safe Rotator. Note: Liquid Wheels include glass components.

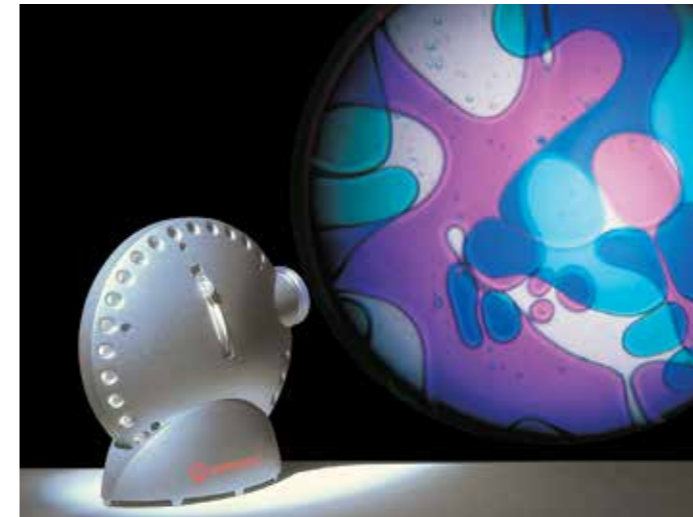
Code	Product	£ ex VAT	VAT Exempt
0734-381	Liquid Wheel 381 (primary colours)		
0734-382	Liquid Wheel 382 (blue/green)		
0734-383	Liquid Wheel 383 (purple/blue)		
0734-384	Liquid Wheel 384 (red/yellow)		
0734-385	Liquid Wheel 385 (red/pink)		
0734-386	Liquid Wheel 386 (yellow)		

Wheel Safe Rotator

A Wheel Safe Rotator is recommended for Liquid Wheels.



Code	Product	£ ex VAT	VAT Exempt
0734-014	½ RPM Wheel Safe Rotator		



Mathmos Space Projector

Ideal for home use, in a small sensory room or as a portable piece of equipment to use with the Projection Brolley, the Space Projector is an economic alternative to the Opti Projectors.

Further activity is available if used with Switch2 Control Units and additional Liquid Wheels offer different colours to suit the session theme or the preference of the user.

Each unit is supplied with the Blue/Red Liquid Wheel.

Code	Product	£ ex VAT	VAT Exempt
0949-001	Mathmos Space Projector, Blue/Red		
0949-102	Liquid Wheel – Blue/Green		
0949-103	Liquid Wheel – Blue/Yellow		
0949-104	Liquid Wheel – Violet/Green		
0949-105	Liquid Wheel – Violet/Red		
0949-106	Liquid Wheel – Red/Yellow		
0949-107	Liquid Wheel – Violet/Blue		
0949-108	Liquid Wheel – Blue/Red		
0949-109	Liquid Wheel – Clear/Clear		
0949-114	Set of 4 different Coloured Wheels Select from range above		
0949-110	Spare lamp for Space Projector		



3D Laser Star Projector

The 3D Laser Star projector projects a wonderful night sky effect onto the walls and ceiling. A cluster of blue misty clouds drift around whilst bright green stars move across the sky. The Projector needs no setting up and is good for night-time and relaxation as well as for creating outer-space themes. The projection covers a large area.

Code	Product	£ ex VAT	VAT Exempt
0949-201	3D Laser Star Projector		



A really useful tip

Storing Projector Wheels and Motors is always a problem, so here's a very simple idea.

Take a number of the styrene packing pieces for the 6" wheels and tape them together with Gaffer Tape. This makes a rack that will keep your wheels clean and tidy. You can also place large wheels in them but they won't fit perfectly.





Pinspot Lights and Colour Wheels

A Pinspot creates a narrow beam of light to focus on Mirror Balls, reflective objects or small areas on the wall. The Colour Wheel provides a gentle colour change to the spot of light. When used with a Mirrorball, all the reflected spots of light will gently change colour as they move around the room. The Portable Pinspot can be used anywhere in the room. It can be plugged into a Switch2 Control Point and used for cause and effect work.

Code	Product	£ ex VAT	VAT Exempt
0715-001	Pinspot with lamp		
0715-002	Pinspot and Colour Wheel with lamp		
0715-011	Portable Pinspot with lamp		
0715-012	Portable Pinspot and Colour Wheel with lamp		
0715-101	Spare Lamp for Pinspot – 35 watt		



Mirror Balls and Motors

Mirror Balls are one of the most commonly found pieces of equipment in Sensory Rooms, mostly used in conjunction with a Pinspot Light. For extra spots of light try using two Pinspots aimed onto the Mirrorball from different positions. But have you tried it with a projector focused onto it or just placed it in a pool of sunlight? The Portable Mirror Ball can be used almost anywhere, just plug into a 13amp socket. This model has a ½ RPM motor, a speed we recommend for relaxation and visual tracking. Note: For visual comfort it is better to position Mirror Balls towards one side or corner of a room.

Code	Product	£ ex VAT	VAT Exempt
0716-001	20cm diameter Mirror Ball and Motor – 2 RPM		
0716-002	30cm diameter Mirror Ball and Motor – 2 RPM		
0716-003	40cm diameter Mirror Ball and Motor – 2 RPM		
0716-004	20cm diameter Mirror Ball and Motor – 1/2 RPM		
0716-005	30cm diameter Mirror Ball and Motor – 1/2 RPM		
0716-006	40cm diameter Mirror Ball and Motor – 1/2 RPM		
0716-011	Portable Mirror Ball with ½ RPM Motor		



½ RPM Mirror Ball Motor

The speed at which most mirror balls revolve often make people feel uncomfortable. This motor revolves once every 2 minutes, which is enough to be able to perceive movement but doesn't make the room seem to swirl around you.

Use with Mirror balls of any diameter.

Code	Product	£ ex VAT	VAT Exempt
0716-102	½ RPM Mirror Ball Motor		



Spikey Light Up Balls

Covered with soft malleable spikes that make it interesting to touch. A further visual reward is provided when bounced, as the light from within flashes various colours.

Size: 90mm diameter.

Code	Product	£ ex VAT	VAT Exempt
2554-023	Spikey Light Up Ball – Blue		
2554-024	Spikey Light Up Ball – Green		
2554-025	Spikey Light Up Ball – Purple		
2554-026	Spikey Light Up Ball – Red		
2554-027	Spikey Light Up Ball – Yellow		
2554-028	Set of 5 Spikey Light Up Balls		

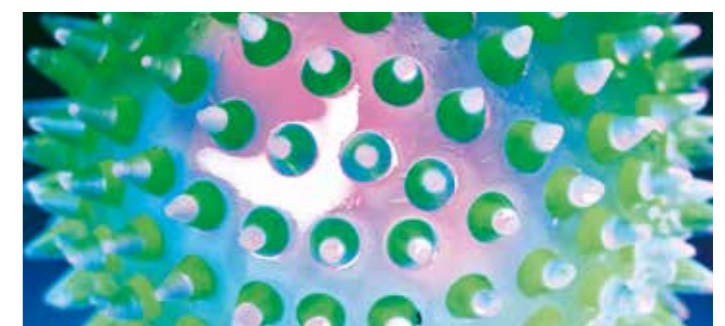


Sparkle Nets

Sparkle Net – 240 x 180cm net of sparkling lights that can be made to twinkle, fade from on to off or remain constantly on. Hang on a wall or stretch across a ceiling grid for best effect.

Web Sparkle Net – It is the same as the large one, but approximately 83cm diameter. Lights cycle but cannot be controlled.

Code	Product	£ ex VAT	VAT Exempt
1182-001	Sparkle Net		
1182-002	Web Sparkle Net 83cm diameter		



Projection and Light Effects



Mathmos Lava Lamps

This is the original classic design invented by Mathmos in 1963. Astro Lava Lamps can be used in relaxing Sensory Rooms and Chill-Out Spaces as well as at home. It is available in six colourways.

Code	Product	£ ex VAT	VAT Exempt
0949-411	Astro Lava Lamp – Violet / Red Lava		
0949-412	Astro Lava Lamp – Blue / Green Lava		
0949-413	Astro Lava Lamp – Violet / Orange Lava		
0949-414	Astro Lava Lamp – Red / Pink Lava		
0949-415	Astro Lava Lamp – Yellow / Blue-Green Lava		
0949-416	Astro Lava Lamp – Yellow / Pink-Orange Lava		



Mathmos Aduki ni Light

When turned off Aduki ni looks like a totally silver metallic bean, heavy and perfect to hold in the hand. Turn on the ergonomic Aduki ni and it will come 'alive', progressing through a spectrum of colours.

Aduki ni is rechargeable, lasts 6-8 hours without a lead and is designed as an outdoor/indoor product. Splash proof it is ideal for use outside in the summer and is available in two colourways.

Code	Product	£ ex VAT	VAT Exempt
1109-027	Aduki ni Light – Blue / Green		
1109-028	Aduki ni Light – Blue / Red		



Jumbo Glitter Globes

Clear balls filled with captivating coloured glitter which creates a stunning visual effect.

Available in six colourways: blue, green, orange, pink, purple or yellow.

Size: 100mm diameter.

Code	Product	£ ex VAT	VAT Exempt
2554-032	Jumbo Glitter Globe – Blue		
2554-033	Jumbo Glitter Globe – Green		
2554-034	Jumbo Glitter Globe – Orange		
2554-035	Jumbo Glitter Globe – Pink		
2554-036	Jumbo Glitter Globe – Yellow		
2554-037	Jumbo Glitter Globe – Purple		
2554-038	Set of 6 Jumbo Glitter Globes		



Wizzard Orb Ball

This mesmerising liquid filled ball contains light diffraction ribbon which creates a fascinating visual effect as light catches it. Bounce it for the LED light within to flash coloured lights, enhancing the effect further. A great visual effect. Size: 100mm diameter.

Code	Product	£ ex VAT	VAT Exempt
2554-039	Wizzard Orb Ball		



Glitter Wands

30cm long, 1.5cm diameter liquid filled rods filled with sparkling shapes and coloured granules which slowly tumble and glide from end to end as you hold it. Good for visual awareness, tracking and focusing.

Code	Product	£ ex VAT	VAT Exempt
1181-001	Glitter Wand (random colour)		
1181-004	Set of 4 Glitter Wands		



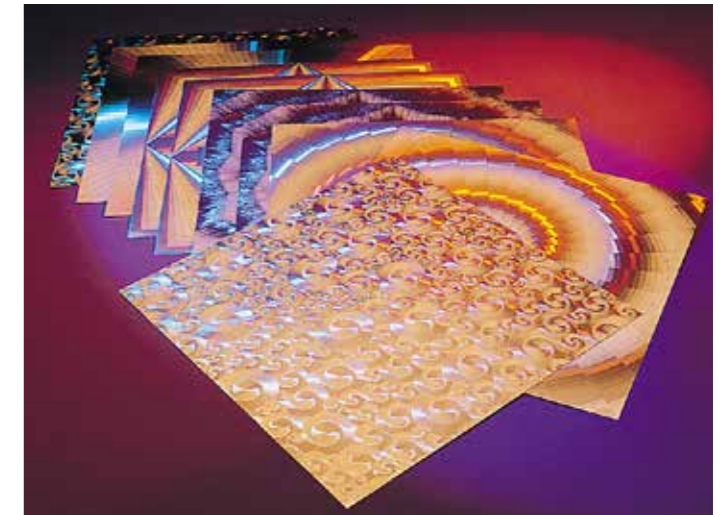
Projection Brollies

The White Brolley is an instant projection screen which is easily transported and stored and will even keep the rain off you! It is particularly useful when you want to get images close to someone's face and to be able to control the size of the image to keep it within their field of vision.

The Black Brolley can be used for projection and is ideal for attaching fluorescent materials and tapes and used with a UV backlight for visual enhancement work.

Note: These specially made brollies have a central spine with no spike on the end, or handle and are therefore as safe as they can possibly be. Others sell standard umbrellas with spikes!

Code	Product	£ ex VAT	VAT Exempt
0918-002	White Projection Brolley 130cm dia.		
0918-004	Black Projection Brolley 130cm dia.		



Diffraction Panels

Two sheets of 5 different patterns of card-backed diffraction foil that create strong visual patterns. Especially effective if used with coloured lights and torches.

Size: Each panel 43 x 43cm

Code	Product	£ ex VAT	VAT Exempt
0950-011	Diffraction Panels, set of 10		



Revolving Light Ball

The Revolving Ball sends discs of multi-coloured lights shooting around the room in much the same way as a mirror ball.

Try placing it behind a projection curtain or a Projection Brolley for focused work. It can be used with a Switch2 Control Unit. Powered by 240 volts.

Suitable for supervised use. The design detail may vary.

Code	Product	£ ex VAT	VAT Exempt
0956-021	Revolving Light Ball		
0956-121	Spare Lamp		



Table Top Light Panels

These Ultra Bright Light panels use the latest low energy LED strip technology to provide a clean bright illuminated background. Perfect for lighting items from beneath and works well with transparent and translucent objects; these portable panels are great to investigate and explore pattern, shape, colour, opacity and transparency.

Supplied with a low voltage power supply and colour controller (for Colour Change Panels).

Sizes: A2 – 60 x 42cm x 1cm thick – 70cm diameter x 1cm thick.

Code	Product	£ ex VAT	VAT Exempt
2553-410	Table Top Light Panel – A2		
2553-412	Colour Change Table Top Light Panel – A2		
2553-415	Table Top Light Panel – 70cm diameter		
2553-417	Colour Change Table Top Light Panel – 70cm diameter		



NEW Infinity Hut – with Light panel



It's another version of the Tardis!

It gives you the same magical experience as the original Infinity Hut but with a different light effect. It has an LED Colour Change Light Panel in the ceiling that reflects on the mirrored walls. This gives the illusion of multiplying your image within a vibrant coloured infinite space.

The Hut has an integral Easy Switch Control that enables you to change the colour of the lights and switch them on and off via the large built-in switch plate or any switch you can manage.

Room inside for two adults or up to four children.

Popular as part of a Soft Play Room or as a stand-alone unit within a Sensory Room, the Infinity Hut will take the weight of 4 adults on the roof.

Exterior size: 145 x 145cm x 105cm high.

Interior size: Only limited by your imagination!

Code	Product	£ ex VAT	VAT Exempt
0414-055	Infinity Hut – Light Panel with Soft Platform Roof		
0414-056	Infinity Hut – Light Panel – Special Design		



Infinity Hut – with Light Stars



To go into an Infinity Hut is a magical experience, which seems to defy the laws of space. Acrylic Mirrors on all four internal walls, featuring 250 points of changing coloured lights shining through, offer the illusion of multiple reflections surrounded by an infinite galaxy of twinkling stars.

An integral Easy Switch Control enables you to change the colour of the lights or switch them off, both achieved through large built-in switches or an additional plug in switch to suit your needs.

Remarkably, there is room inside for two adults or up to four children.

Equally impressive as part of a Soft Play Room or as a stand-alone unit within a Sensory Room, the Hut is specified with a cushioned roof to compliment the cushioned exterior walls when used in a Soft-Play room. All of our Infinity Huts support the weight of up to four adults.

For a Sensory Room, choose the Hut with a Projection Roof to enable you to project wonderful images and scenes to add another visual dimension to the experience. The projected image passes through the screen, reflects from the walls and creates wonderful stimulation and relaxation possibilities.

A truly awesome experience!

Exterior Size: 145 x 145cm x 105cm high.

Interior Size: Unknown!

Code	Product	£ ex VAT	VAT Exempt
0414-051	Infinity Hut – Light Stars with Soft Platform Roof		
0414-052	Infinity Hut – Light Stars with Projection Roof		
0414-053	Infinity Hut – Special Design		

