Projection Screens
Rear Projection - Accessories - Projection Films
PROJECTION SCREENS LTD; IMPROVING YOUR IMAGE

Time moves on and so does technology. Projection Screens Limited (Pro Screens) has moved projection screen technology to a new level with their range of projection screens. The range includes rear projection screens, dual sided screens, holographic screens, interactive touch screens and rear projection foils. This innovation has been adopted successfully globally by companies in a range of sectors who have been looking for the next step in ground-breaking technology that could provide them with a cost effective medium for a range of application areas.

Whatever the image, we help you deliver it with impact to its intended audience. Pro Screens will help you satisfy your visual presentation needs in dynamic fashion.

THE ADVANTAGES

Pro Screens offer advanced projection screen materials that push projection capabilities to new levels.

Use this technology to captivate audiences in environments not conducive to traditional large format broadcast platforms. Engage the public with stunning high resolution images and video. Take advantage of unused space and create additional channels of communication. Let your creativity flow, design architectural elements that take advantage of HD video or static images.

Pro Screens screen technology is extremely cost effective in comparison to other screen products. The projection screens are durable, waterproof, lightweight, easy to install and easily transportable. With their exceptional versatility our screens will perform beautifully wherever you want.

And it’s all amazingly simple - a projector is mounted either behind or in front of the screen where the image or video of your choice is displayed through the projector to your screen, the screen does the rest! All our products can be used with standard or High Definition projectors.
DIGITAL SIGNAGE / RETAIL DISPLAY

Dynamic digital signage is the display and management of information using full-motion and full-colour video in retail and various other commercial environments. With digital signage, retail stores can change their advertising content faster, more easily and less expensively compared to using traditional signage. It also gives retail stores the capability to provide regional, local and even site-specific content efficiently and inexpensively.

The ever increasing demand for dynamic digital signage has been a key factor in the development of many of Projection Screens technologies, especially for POS, POP and high brightness window displays.

CORPORATE / COMMERCIAL AV

Pro Screens innovative range of screen technologies enhances communication everywhere: whether in the boardroom or in the classroom or in most public spaces from airports to museums. Technology is transforming our world and customer expectations are greater than ever before. A continual dedication to design and innovation means that Pro Screens have screen solutions that compliment today’s modern environments.

In a world where effective communication is an essential element to every business, our technology and creativity is set to deliver outstanding results. Whatever your visual display requirements Projection Screens can provide the right solution.
LEISURE / ENTERTAINMENT / EXHIBITIONS

Pro Screens has years of experience in providing world class screen technologies. Whether you are looking to redesign a night club, organise an exhibition or open a new leisure complex, Visual display’s are a key component and leave a long lasting impression with your audience. Creating the right impression is paramount to the success of any business or organized event.

Pro Screens are recognised industry leaders in cutting edge technology. Providing screen solutions for customers who demand the very best – where innovation, design and are without compromise.

RETAIL / GLASS

Pro Screens has used its development skills to enhance retail merchandising. For companies who have a need to be different and a desire for the very latest and innovative technology, image has now become a way of life.

Designer screen solutions from Pro Screens provide a whole new concept in visual display’s. Pro Screens offers their range of projection screen technologies to inspire any environment. The minimalist look and feel of the technology creates a world where projection screens become an integral part of the retail display.

SUITABLE ENVIRONMENTS & APPLICATIONS

- Point of Sale Retail
- Trade Shows
- Reception Areas
- Window Displays
- Exhibitions
- Sports Arenas
- Entertainment Events
- Hotel Lobbies
- Boardroom Presentations
- Night Clubs
- Shopping Malls
- Museums
- Home Theatre
- Casinos
- Sports Bars
- Restaurants
- Live Shows
- Television Studios
- AV Rentals
- Airports
- Theatre
- Gymnasiums
ULTRA XC

The Ultra XC is the most significant film screen launched by Projection Screens. A daylight capable screen, making it ideal for a variety of applications and exceptional in high street store windows. The self adhesive backing allows for a very simple and quick install.

Charcoal coloured, with a contrast of 300:1, a gain of 4 and a viewing angle of 180 degrees the Ultra XC screen does not crystallize, nor does it hotspot, so enabling it to be used with short-throw or acute angle projection. The Ultra XC can be used with either front or rear projection therefore making it dual sided. The ULTRA XC is available in 10mtrs (32.8 ft) rolls or cut sizes to a maximum height of 1.52mtrs (5 ft) and due to its thickness of just 0.1mm it can be joined seamlessly.

All our film screens can be cut with either a Stanley knife or scissors to any shape making it ideal for cost effective bespoke screen applications. All our projection screens hold a 10 year UVA warranty and are compatible with infrared technology such as touch screens and touch tables.
CLARITY FILM

The Clarity Film which has the same specifications as the Clarity rigid however comes as a self adhesive film so you can install directly onto glass. This is the most cost effective holographic screen available on today’s market with a gain of 6, a viewing angle of 150 degrees and 88% transparency. This screen has been designed for retailers where they want to promote their merchandise but let shoppers still see into the shop, also high security areas such as banks where the need to view through the screen is essential, the screen is also being used in night clubs etc.

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AURA HIGH CONTRAST

Ideal for all applications whether it be in front, rear, convex or concave, Flexible and waterproof film fabric screen allowing dual front and rear projection with no hot spot guaranteed. Can be installed directly onto glass using a transparent spray mount adhesive.

The most portable screen in its range; can be rolled up and moved to other sites over and over again. It can also be used with a frame or suspension kit. At only 0.1mm thickness, gain of 4 and a vision angle of 180 degrees, it is ideal for all applications such as retail store, window displays, etc.

This screen is available in very large seamless format and can be eyeleted as required.

TECHNICAL SPECIFICATION

<table>
<thead>
<tr>
<th>Thickness (mm)</th>
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AURA DARK

Is the same material as HC but is darker to create greater contrast; Aura Dark eliminates the problems caused by external light and reflection. A charcoal colour, non adhesive film with a gain of 2, viewing angle of 180 degrees and contrast ratio of 300:1. It is a FRONT, DUAL OR REAR projection film that is suitable for just about any application. This can be installed using double sided transparent tape or can be used with spray mount adhesive. Available in rolls with a height of 2.4M and the minimum roll lengths are 10M. As with the Aura HC, we can also sonic weld this screen seamless to provide huge screens up to 600 inches diagonal.

This screen is available in very large seamless format and can be eyeleted as required.
CLARITY RIGID

Clarity is a holographic rigid rear projection screen for point-of-sale applications in retail stores, window displays, airports, banks and other high traffic areas. Available in sizes up to 3m x 2m x 3mm, a gain of 6 and a tremendous 150 degree viewing angle. The result is a remarkably bright and clear image - even brightly lit environments. The transparent display allows viewers to look at and see through the screen.
### TECHNICAL SPECIFICATION

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### MIRROR SCREEN

2 way acrylic mirror projection screen, 3mm in thickness with a viewing angle of 170º, gain of 5. Viewing to both sides no hot spot, becomes a standard mirror when not projected onto but gives an outstanding image when projected onto. Ideal for offices, reception areas, Bars, Restaurants etc...
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ECLIPSE II - REAR PROJECTION SCREEN

Eclipse II is the brightest in the reversa range. It is designed for the superior projection environment such as Control Rooms and Retail applications where the most demanding clarity and contrast are required. Visually it is the darkest of our screens and this provides an extraordinary contrast ratio of 200:1 with a gain of 5.0 and a viewing angle of 160 degrees. Easy to install. No projection angle is imposed. Only 3 mm thick. High definition and excellent resolution. Easy to clean, less sensitive to scratching and is virtually indestructible.
### HI GAIN - REAR PROJECTION SCREEN

The Hi Gain Screen has a gain of 7.9; it has a 165-degree viewing angle and a contrast ratio of 100:1. The screen is extremely tolerant to ambient light, making the screen an ideal medium for use in pubs and bars, public areas or applications with high ambient light conditions. No "Hot Spot". Easy to install. No projection angle is imposed. Only 3 mm thick. High definition and excellent resolution. Easy to clean, less sensitive to scratching and is virtually indestructible.

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<td>Contrast</td>
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NEW MULTI-TOUCH TECHNOLOGY

Pro Screens Ltd is proud to announce the arrival of three new multi-touch tables, the HandScape C1, T1 and E1. Multi-touch allows for the simultaneous interaction of two or more people on the same screen, it also offers the benefit of exceptional control allowing the users to twist, move zoom and flick on screen content in a way not seen before.

These truly remarkable multi-touch surface tables are available from Pro Screens now.

Pro Screens multi-touch tables feature their XC Ultra projection screen for fantastic image clarity and superb infrared touch performance. A proven and reliable commercial multi-touch tracking engine with our own custom infrared systems provides accurate and reliable operation.

COMMON SPECIFICATIONS

3 Ghz Dual Core PC
Advanced Multi-touch System
2000 ANSI Lumens
Hi Contrast XC Screen
Integrated Cooling System
External USB Port
16:10 Wide-screen Format
20 Built-in "Ready-to-Go" applications
HANDSCAPE C1

The smallest of the Proscreens range of multi-touch surface tables but with all of the features and functionality you would expect from a next generation multi-touch system.

This table size is ideal for any location that has casual seating, use one for product brochure display/electronic distribution, brand reinforcement, product or brand based games on a trade show stand, promotional product tour, library or even in a coffee shop. Take it on tour year after year changing the content to suit new products and target markets.

SPECIFICATIONS

40" Screen
Supplied with 20 "Ready-To-Go" multi-touch applications
High Contrast Ultra XC Screen
1280 x 800 Wide-screen Resolution
LED Surround
External USB Connection
HANDSCAPE T1

The T1 is the mid-sized table in the and cape Range. Supporting many common gestures including move, rotate, scale, zoom etc, these versatile multi-touch tables bring the latest multi-touch technology to you. A clean simple design that fits in perfectly with a modern office or technical retail environment. Applications can be developed for viewing real estate, interactive brochures and catalogues, architectural plans, you could also design a virtual shop assistant to help two prospective customers at a time.

The T1 can also be customised and branded for product launch and promotional applications. It has a 50” high contrast screen and stands a very comfortable 71 cm high (desk height).

SPECIFICATIONS

- 50” Screen
- Supplied with 20 “Ready-To-Go” multi-touch applications
- High Contrast Ultra XC Screen
- 1280 x 800 Wide-screen Resolution
- LED Surround
- External USB Connection
HANDSCAPE E1

This is the flagship multi-touch table in the Pro Screens range, a 60” fully interactive multi-touch surface table, ideal for architectural practices, boardrooms, conference hotels, luxury goods retail and museums.

Suitable for viewing 3D models, browsing catalogues or for interactive information display, applications can be created to act as virtual shop assistants offering detailed information to shoppers whilst keeping the kids amused at the same time on the same screen! The E1 is also available as an extra robust version with wheelchair bumpers and kick-plates for anywhere you expect heavy usage.

SPECIFICATIONS

60" Screen
Supplied with 20 "Ready-to-Go" multi-touch applications
High Contrast XC Screen
1280 x 800 Resolution
External USB
External VGA
INTERACTIVE TECHNOLOGY

Simple to install, Interactive rear projection system ideal for retail window displays, showrooms, classrooms and more. Any of the Reversa screen range including holographic, Aura and Eclipse can be selected, dependent upon the application requirements.

Position of accuracy is approximately 3mm absolute, 1mm relative. No drift. Standard screens sizes are 30-100 inch (4:3) and 30 - 116 inch (16:9), other sizes can be made on request.

THROUGH GLASS TOUCHSCREENS

What makes Pro Screens clear glass interactive touch screens so special is that they can be used for through window applications. Imagine turning your store window into a touch screen display - the screen is positioned up close to the window and activated by touching the external glass, imagine the possibilities. Customers can access information on products and services day and night (24/7), with the ability to switch the screen clear when you want to see into the store.
DREAMOC DISPLAY

- Optically pleasing product for display (standard colour black)
- Combines free floating holographic 3D objects with real products
- Simple plug & play connection using an integrated CF card player with Ethernet connection options
- Great reliability and long life optimized for 24/7 use
- Optimal lighting of a real product without impairing the image quality by the means of 10 Watt LED which generates little heat
- Standard feet included
- Dimensions (W/H/D): 515 x 410 x 1.620mm
- Weight: 38kg (upper part: 18kg/standard foot: 20kg)
CUSTOM STAND DESIGNS
Pro Screens offers a wide range of stand designs for different display applications – exhibitions, conferences, presentations, product launches, POS displays, etc. Our stands can be made in a range of various materials such as aluminium and acrylic.

SUSPENSION KITS & EXTRUSION BARS
The kit comprises of strong suspension wires, screen clips and mounting units for wall or ceiling fixtures. For all our screen sizes over 50” Pro Screens recommend the use of aluminium extrusion bars to prevent the screen from bowing. The suspension kit and extrusion bars are available on request.

FRAMES
Pro Screens offers a range of frames to add that finishing touch to the screen. The frames can be made in aluminium and/or acrylic and can be finished in a range of colours to match any corporate image or colour scheme. Frames are custom made to order.

GRIP RODS
When you need a temporary install for demo or a campaign. Projection Screens has created a range of gripping strips with either hangers or suction mounts for glass. These grip rods kits are ideal with any product that doesn’t have an adhesive backing ie Aura HC, Dark. Can even be used on products which do have adhesive - just keep the backing on the film. Easy to apply, just insert the film and close the grip.