Analysing Simulation

Engineers working with professional grade SolidWorks simulation software, project & design systems, and related engineering services.

One major corporate objective is identifying and absorbing their training needs, needs, and development projects and technologies, helping them to save time, money and other resources, by being ahead of what they do.

The key benefits of working with Keyora Simulations, are:

- One extensive portfolio and patented display technology
- A broad range of manufacturers and suppliers

Keyora Simulations is being recognised as a leader in the field, and ready to meet customer project requirements and resources.

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The Atom is the new Visual Display System that complete the Antypop simulation's visual Portfolio.
A flexible solution to ensure high visual performances, suitable for multiple markets and sectors.
Tailor-made solutions to satisfy customers’ needs.

Our passion to satisfy customers’ needs provides an excellent solution, easy to assemble, adaptable to every need, greater sense of immersion.
Easy, adaptability and immersive visual perception are the key assets of the system.
The distinctive curved screen allows a wider field of view and additional projectors increase coverage to create the perfect union with real and virtual world.
FEATURES

- Easy to install
  The product is designed considering an easy installation. The main structure requires only two technicians for assembly.

- Curved screen
  The perfect shape to extend field of view and provide superior realism.

- Adaptable projectors
  Its design supports a wide range of projectors, with different sizes that could be easily reassembled in the structure.

- Secured transporting
  High-quality crates assure structure safety and secured transportations all over the world.

- Indoor movement
  The structure can be positioned and shifted in different spaces with its wheels.
The structure could be realized considering customer needs.

Emergency stop for man and structure safety. In particular, with the bright button safety is increased, show visual recognition is even quicker and shorten reaction time.

The Atom has been designed to give maximum flexibility when considering when and where to travel.

The structure is composed of wheels, which allow faster movements and maneuvers.

Full HD 1080p. Resolution gives you sharp and detailed pictures of HD contents, without reductions or compressions.

The main benefit of using curved screens for visual displays is superior immersion and realism. The viewer is experienced a wider field of view than the one achievable with flat context.
Mechanical Structure Design

Specification

- **Width**: 3250 mm
- **Depth**: 2250 mm
- **Height**: 2200 mm
- **Weight**: 170 kg
- **Screen color**: Grey / White
- **Min Software requirements**: Win 7 32/64Bit
- **Field of view**: 120°

Equipment

Specification

- **Structure**
- **Screen**: 120°-180°
- **Projectors**
- **Workstation**
# PROJECTOR INFO

## Technical Specs

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Display Technology</td>
<td>Single 0.6&quot; DMD Chip 3,108 ppi</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>1080p (1920x1080)</td>
</tr>
<tr>
<td>Brightness</td>
<td>3000 ANSI Lumes</td>
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<tr>
<td>Contrast</td>
<td>25,000:1</td>
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<tr>
<td>Nital Level</td>
<td>25dB</td>
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<tr>
<td>Lamp Life</td>
<td>6000/6000/9000/10000 Hours</td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>0.48:1</td>
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To meet today's complex training requirements, visual realism is critical. Our industry-leading image generation technology provides superior scene realism that is scalable to meet any level of training.

Our solutions are used in simulators for helicopters, supercars and naval. Simulation systems require realistic and up-to-date database and software information. From synthetic environment databases that accurately represent airfield landings, to modeling software that enables terrain and other objects to be added to an environment, we have the tools to keep your systems current. To reach the optimum in optical clarity and precision, we provide a comprehensive set of calibration and blending tools for our simulation display systems.
BLENDING TECHNOLOGY

Scales across multiple PCs or warping boxes
One-touch re-calibration
Fast multi-projector alignment and blending
Reduced maintenance costs and time
Precise pixel alignment for mesh uniformity
Select Display Manager Features
Custom system configurations
Multiple screen geometries supported - flat, cylinder.
Software or dongle license available
Support for diskless IQs
Automatic calculation of field of view for immersive environments
“Lightweight” display client
Orthographic and perspective mesh options
LOGISTIC PROCESS CONCEPT

Logistics is the designing and managing of a system in order to control the flow of material throughout a corporation. This is a very important part of an international company because of geographical barriers. Logistics of an international company includes movement of materials, coordinating flows into and out of different countries, choices of transportation, cost of the transportation, packaging the product for shipment, storing the product, and managing the entire process.
Our Team

A perfect blend of creativity and technical wizardry.
The best people formula for great projects.