



SIM4000

Simnoa SIM4000

The SIM4000 seat was made for long feature films and 3D cinema. Long feature films require a rolling, pleasant experience that immerses viewers and that can be interspersed with action sequences. Our SIM4000 chairs are well suited for 3D films. Our software supports simple and effective show programming. A Simnoa seat means an immersive and interactive experience, with a comprehensive effects package as well as simple operations, installation and low maintenance.

Our motion generation system allows for simple show programming for any movie, so that the SIM4000 seat is perfectly and silently synchronized with the events in the film, ensuring the viewer has a “wow” experience. Since 1999, Simnoa’s maintenance-free solutions are known worldwide for their high quality, innovative design, safety and standards compliance. For more information visit www.simnoa.com

Product Advantages

- **Superior motion performance:** Dual motion, two Degrees of Freedom (DOF). Two fully-servo controlled axes combining the tilting and swaying motion, enabling various cyclic effects and ensuring perfect synchronization between all chairs in the hall.
- **Motion by electric motors:** No hydraulics, no noisy pneumatics, better & accurate control.
- **Comprehensive effect package:** Combines all the benefits of simulators and effect chairs in one all-encompassing product.



SIM4000



Motion & Sensation Effects

The unique effects implemented in Simnoa's 4D/7D Smart Chairs have been designed to create a unique and all-encompassing experience.

- **Tilt Motion (Pitch):** Two-directional tilting at variable speeds and accelerations. Includes a fast-falling movement.
- **Continuous Wave Motion:** Our patent pending up & down continuous motion in variable speeds.
- **Sway Motion:** Swaying to the sides, in variable speeds and accelerations.
- **Combined Motion:** Enables a simultaneous tilt and sway motion.
- **Vibration:** Vibration in various frequencies.
- **Butt Ticklers:** Bottom tickling effect, two ticklers per seat.
- **Back Tickler:** Tickling effect to the back.
- **Leg ("Mouse") Tickler:** Tickling effect to the legs.

By creating a uniquely combined and synchronized 'visual-sensation' experience, regular theaters can be easily transformed into exciting multi-sensory theaters. Each unit includes a bench of chairs (comprising four seats) which are then placed on a multi-leveled floor. Controlled by a central synchronizing system, the effects created by the 4D/7D Smart Chairs become an integral and coordinated part of the projected film.

Features and Benefits

- **No special foundations needed:** Can be installed in any theater with standard foundations and on any level.
- **Lightweight infrastructure:** Implementation in any hall or theater requires only small-scale preparations.
- **Quick and easy installation:** Minimal floor installation time.
- **Minimal maintenance:** Virtually maintenance free, highly reliable.
- **Scent Effect:** Three different custom made fragrances, emitted from a special scent machine device.
- **Pneumatic Air-Jet to the Face:** (alternating or continuous) This air effect is emitted from the back of the headrest of the chair facing the viewer (or from the Effects Rail located in front of the first row).
- **Pneumatic Air-Jet to the Neck:** (alternating or continuous) This air effect is emitted from the front of the headrest of the chair.
- **Water-Jet (Spraying) System:** Emitted from the back of the headrest of the chair facing the viewer (or from the Effects Rail located in front of the first row).
- **Hand Rest Compartment:** For 3D glasses and voting remote hand packs (optional).
- **Personal Speakers:** Two speakers located in the headrest, designed mainly for special effect sound track.
- **High-End 3D Video Server:** Enabling both HD and SD formats to run on the same Video Server, and to achieve perfect synch between channels.

Simnoa Technologies Ltd. Kiriat Matalon, Petah-Tikva 49170, Israel

Tel: +972-3-9236101 | Fax: +972-3-9210543 | sales@simnoa.com | www.simnoa.com