ACEND™ Notification Appliances

Setting apart from traditional alarming devices, ACEND[™] Notification Appliances are the first audible and visual alarm device series on the market with unique optical patents. This innovative portfolio is seamlessly integrated into Siemens Smart Infrastructure Building System, designed to provide efficient assistance for life safety during emergencies.



Pioneering Patented Optical Lens Design for Ideal Compatibility for both Wall and Ceiling Mounting

A key highlight of ACEND[™] Notification Appliances is the sophisticated curved lens surface. By precisely controlling light paths and refraction, and optimizing the geometric optics, this design delivers prominent alarm signals, making the devices ideally compatible for both wall and ceiling mounting. In addition, the innovative snap-fit design and universal accessories make installation fast, flexible, and easy, ensuring adaptability to different building types.



Ceiling Mount

Wall Mount



Current Draw

Industry-First Ultra-Low Power Consumption with a Current Draw below 10mA

With the sophisticated curved lens surface and Siemens AI charging algorithms, ACEND™ Notification Appliances are the industry's first products to achieve a current draw below 10mA, while still meeting the high industry standards for audible alarm devices. Compared to similar products on the market, this design reduces energy consumption by 50%, offering superior energy efficiency and an environmentally friendly solution.



Percentage of Candela Rating

The light distribution of the lens closely aligns with the standard distribution, ensuring both high efficiency and energy savings.





Smart Prediction & Iterative Upgrades for Reliable and Optimal Performance

ACEND[™] Notification Appliances feature highly sensitive sensors and intelligent circuits that monitor data in real-time and upload it to the cloud. The integration of hardware parameter monitoring via the remote control platform and advanced big data analysis helps predict potential issues and facilitates preventive maintenance to ensure optimal performance. This synergy can also identify potential enhancements for iterative upgrades.





Multiple Notifications for Fast Building-Wide Evacuation

ACEND[™] Notification Appliances provide a comprehensive array of notifications to enhance response speed for everyone in the building:

- In the event of an emergency, this portfolio immediately sends urgent alerts to mobile devices via the cloud, ensuring that all occupants are notified without delay.
- During evacuation, the prominent strobes and distinct alarm sounds provide clear visual and auditory signals, helping people evacuate quickly in an organized manner.
- The specially designed 520 Hz low-frequency sound resonates with brainwaves, offering deeper penetration to effectively awaken individuals, even from deep sleep.



Intelligent Voice Alerts III for Quick and Accurate Evacuation in Different Emergencies

ACEND[™] Notification Appliances provide smart voice alerts to adapt to different emergency types and severity levels, ensuring that individuals get the most accurate information promptly and can quickly find the nearest exit.





Cloud-Enabled Coordination to Accelerate Rescue Operations

ACEND[™] Notification Appliances use built-in microphone sensors to accurately detect distress signals and synchronize this data with both the cloud and rescue systems. This enables rescuers to quickly locate trapped individuals, speeding up rescue operations.









Pioneering Sustainability

ACEND[™] Notification Appliances are the first audible and visual alarm device series on the market to use environmentally friendly bio-based materials. These materials are derived from plant, animal, and microbial sources rather than petroleum, significantly reducing the consumption of fossil resources. This innovation helps reduce CO₂ emissions by 300 tons per year—equivalent to the carbon ab-sorption of about 13,636 mature trees over the course of a year highlighting Siemens' significant efforts to promote sustainability.

300 Tons

Reduce CO₂ emissions by 300 tons annually





Carbon absorption of 13,636 mature trees each year





Up to 560 Unique Combinations for Flexible Adaptation to Any Environment

ACEND[™] Notification Appliances combine a minimalist design with exceptional adaptability. Featuring a modular design, this portfolio offers a variety of interchangeable covers and four different LED lenses, allowing users to tailor their setups to different needs. With customizable appearances and multiple sound options (including horn, speaker, and low-frequency sounder), users can create up to 560 unique combinations, ensuring flexible adaptation to any environment. Moreover, this portfolio is fully compatible with Siemens legacy devices and major building management systems, significantly simplifying component replacements, reducing costs, and enhancing overall reliability.



Interchangeable Accessories

