

ADVANTAGE



Aurora Electric Mobile - Passive Safety Block

The Aurora Electric Mobile Passive Safety Block is a feature that requires the user to return to the keypad adjacent to an open aisle before selecting a new aisle. This helps ensure that the user has checked for people or obstructions prior to closing an aisle. Passive Safety Block can be enabled and disabled at the Master Control Panel (LCD touch screen).

- Some competitive electric carriages only have one user interface carriage movement control head in the middle of the carriage end panel. This type of control tends to be more confusing to users, and especially when used on high-density mobile systems in public access areas, or by infrequent users who may be unfamiliar with the competitor's control operation.
- Aurora electric carriages have one "aisle open" control head immediately adjacent to every aisle entrance. This design is user friendly and simple. The control placement also intuitively causes the user to look down an open aisle for persons or objects left behind before resetting the aisle and initiating carriage movement to select another aisle.
- Aurora's Passive Safety Block provides an additional means of safety protection controlled by its exclusive programmable logic control and does not require the use of additional infrared photo beams which can be affected by ambient light from various sources as can some competitors systems which require multiple light beams in every aisle.
- Aurora carriages with Passive Safety Block are more space efficient than many competitive systems which require a larger footprint to accommodate increased carriage size and protruding safety hardware.
- Aurora high-density mobile systems do not rely on motion or heat detection presence sensors which have proven unreliable in competitors systems due to the likely potential of persons standing still in an aisle such as at a reference shelf (motion) or HVAC cycling and/or sunlight through nearby windows (heat). No objects remaining in an aisle are ever protected by either of these competitive features. Few persons are as well.
- All Aurora Storage Products electric powered high-density mobile systems are UL and C-UL system listed.
- Due to their highly energy efficient design, Aurora Mobile Systems only require a 15 amp 120 VAC electric supply while many other suppliers require a 20 amp circuit per module. This can result in a substantial annual reduction in energy usage especially for larger multiple module systems and mobile systems in highly active areas.

The goal is to protect persons and objects in an aisle. The high-density mobile system must be safe, reliable, easy to use, and cost effective. **Advantage: Aurora**