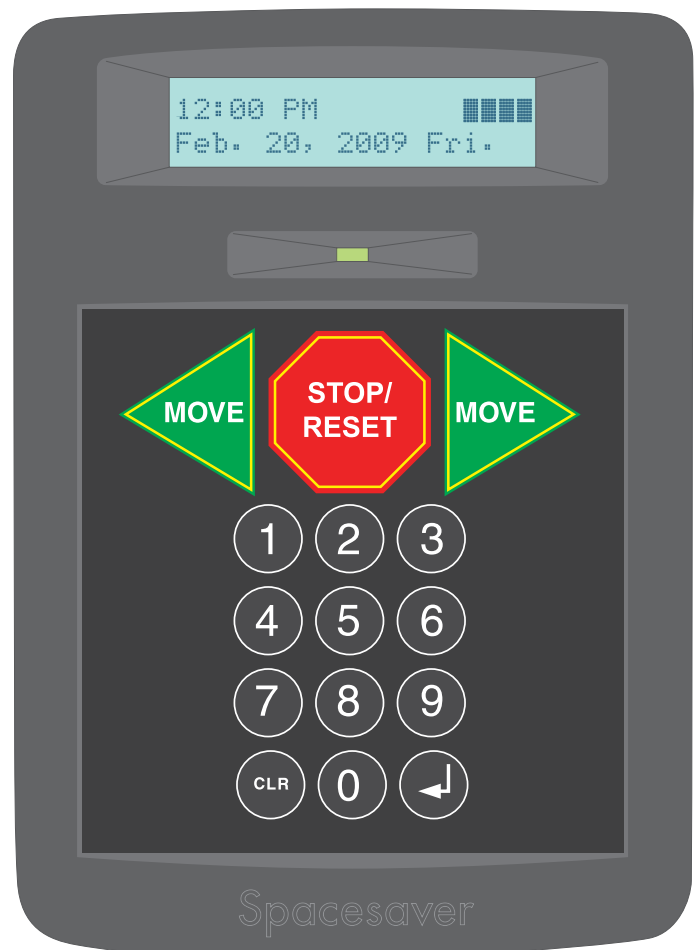


## Touchpad Control Operation WITH DISPLAY AND AUDIT TRAIL

Spacesaver's Touchpad Control with Display and Audit Trail replaces one or more standard push button controls on the Eclipse Powered System to allow increased functionality including status display, PIN-code security and a clear record of access.

### BENEFITS

1. Helps protect sensitive materials from access by unauthorized persons.
2. Enhances workplace efficiency with its easy-to-read display.
3. Assists in maintaining personnel accountability by providing a clear record (audit trail) of access with the use of its own easy-to-use PC interface software.
4. PIN-code and audit trail memory retention during a power interruption save bothersome reprogramming as well as maintains controlled access when power resumes.
5. Adapts easily to your facility's changing security and use requirements with its versatility and multifunctional capability.



### DESIGN AND CAPABILITIES

Use of the Touchpad Control with Display to operate Spacesaver's Eclipse Powered System varies depending on your desired control system configuration.

#### a. LCD Display

- Used to display status, to navigate menus and to read instructions. If left idle for 20 seconds, a screensaver will appear with Time, Date and an audit log meter that shows how much of the memory is used and blinks when the memory is full.

#### b. LED Indicator

- Alerts the user to the status of the carriage. The LED functions the same as the one on the standard control.

#### c. Stop/Reset and Move Buttons

- Work just like the standard control, but Reset and Move may be inactive on platform-mounted TouchPads.
- PIN-numbers may be:
  - › 3-9 digits
  - › Limited to specific day of the week or time of day.
  - › Set to expire at a specific date and time.

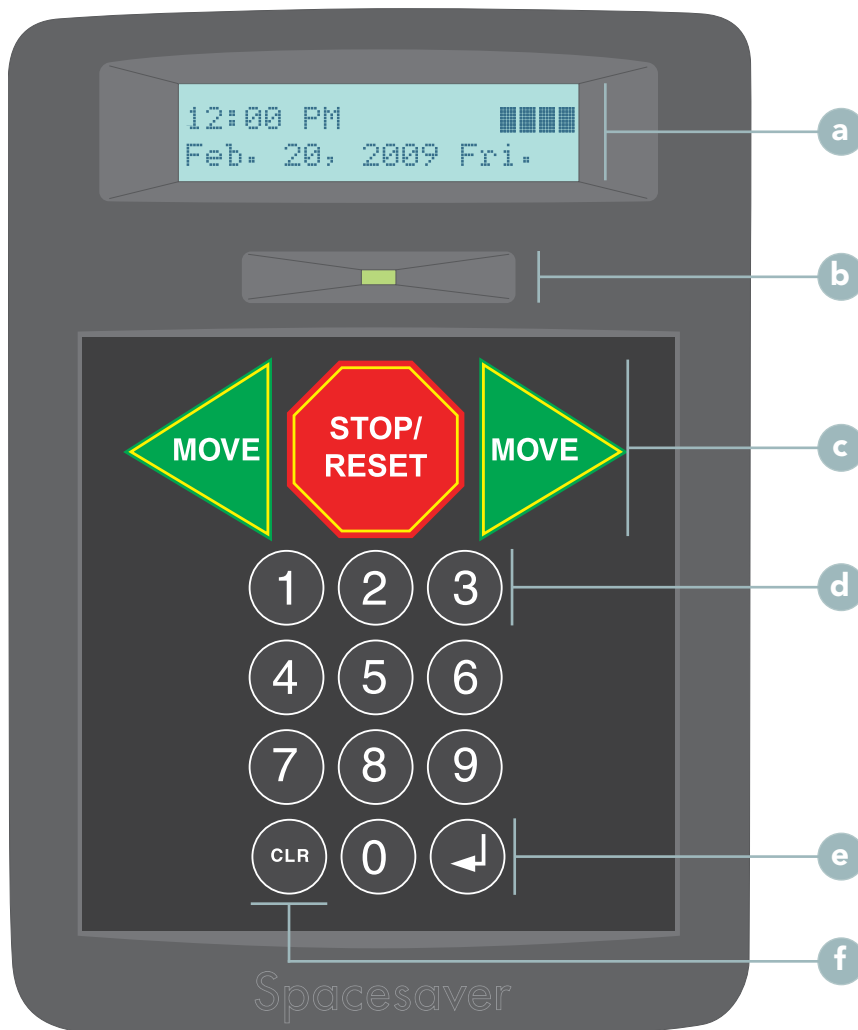
#### d. Number Keys

- Permits up to 512 unique PIN-numbers.
- PIN-numbers may be:
  - › 3-9 digits.
  - › Limited to specific day of the week or time of day.
  - › Set to expire at a specific date and time.

#### e. Enter Button

#### f. Clear Button

- Cancels the user's most recent choice.



### HARDWARE REQUIREMENTS

- Eclipse Powered System® with at least one Touchpad Control
- PC with at least one available USB port
- USB flash drive (provided with your package or use another specifically dedicated for the transfer of data to and from the Touchpad and PC) – the USB flash drive should bare at least one of the markings shown below to ensure compatibility:



### PC REQUIREMENTS

- Processor: Pentium III, 800 MHz or greater
- RAM: 128 mb or greater
- Hard Drive: 10 gb or greater
- CD-ROM Drive: 24x or greater
- Video Resolution: 1024 x 768 minimum
- USB Port: 1 minimum
- Operating System (OS): Windows XP or Vista

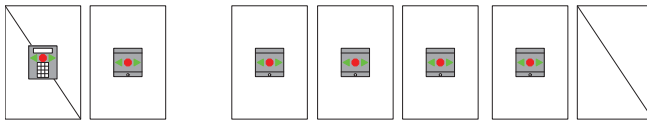
NOTE: You must have the authorization to install and uninstall software on your PC.

## TOUCHPAD CONTROL SYSTEM OPERATION

Operation of the Touchpad Control with Display will vary, depending on your desired control system configuration. Control Configurations A, B and C (below) use the PIN-code security capabilities, while Configuration D uses only the display features. Control Configurations E and F are variations of the others, each with a special hardware option installed. Systems using PIN-code security (A, B and C) require an administrator to establish security classes and assign them to users. These systems also allow you to keep records of access by uploading audit trails of the users' attempts to access the aisles. Below are the descriptions of the different configurations available for use with Spacesaver's Eclipse Powered System. Compare descriptions of all the available system configurations below.

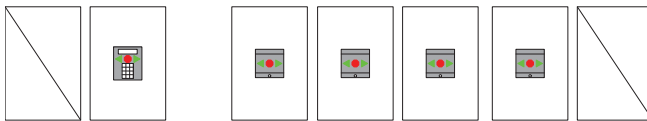
### SYSTEM CONFIGURATIONS

#### A – MODULE CONTROL ON PLATFORM



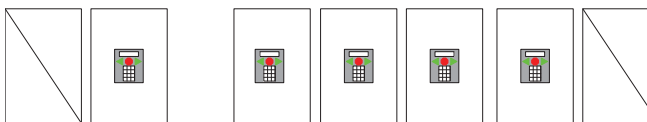
One Touchpad Control is located on a platform (nonmoving unit) and is used to control all the carriages in your system with an easy-to-use display, PIN-code security and audit trail capabilities. Each carriage has a standard control. The system may also be equipped with Hardware On/Off control (see Configuration F). Software Installation and Setup and Touchpad Setup are required.

#### B – MODULE CONTROL ON CARRIAGE



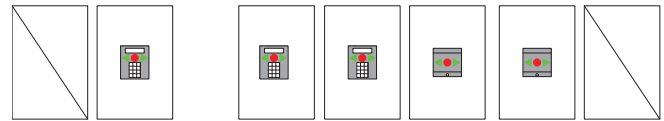
One Touchpad Control is located on one of the carriages and is used to control all the carriages in your system with an easy-to-use display, PIN-code security and audit trail capabilities. All the other carriages have a standard control. The system may also be equipped with Hardware Stationary or Hardware On/Off control (see Configurations E and F). Software Installation and Setup and Touchpad Setup are required.

#### C – CARRIAGE CONTROL



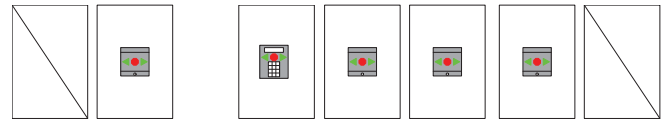
A Touchpad Control is located on each of the carriages and each controls its own carriage with an easy-to-use display, PIN-code security and audit trail capabilities. The carriage may also be equipped with Hardware Stationary or Hardware On/Off control (see Configurations E and F).

#### D – LCD CONTROL



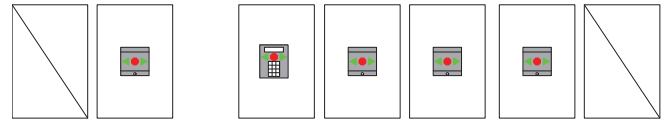
A Touchpad Control is located on one or more of the carriages and each controls its own carriage with an easy-to-use display. Software Installation and Setup and Touchpad Setup are not necessary and the default PIN-code is available to turn the system on and off or make that carriage stationary.

#### E – TOUCHPAD STATIONARY CONTROL



A Touchpad Control is located on one of the carriages and controls its own carriage with an easy-to-use display, along with providing the option of Hardware Stationary control of that carriage. Hardware Stationary control can be used on an extreme carriage (far left or far right) to lock the entire system with closed aisles or on any center carriage to effectively split the system into two. The carriage can only be locked and unlocked in this way by using a PIN code. Software Installation and Setup and some Touchpad Setup are required.

#### F – TOUCHPAD ON/OFF CONTROL



A Touchpad Control is located on one of the carriages and controls its own carriage with an easy-to-use display, along with providing the option of Hardware On/Off control for the system. Hardware On/Off control uses a PIN code to shut down or restore power to the system, preventing unintentional power-ups. Software Installation and Setup and some Touchpad Setup are required.

## TECHNICAL SPECIFICATIONS

**Touchpad Module Control on a Stationary Unit:** Provide a 10-digit touchpad control with display and audit trail capability to be located on a stationary platform in conjunction with each carriage having a standard control on a mobile system to control all the carriages in the system module with an easy-to-read 2x20 character LCD status display, PIN-code security, an internal real-time clock and a clear record of access. Touchpad shall permit: multiple (up to 512) unique PIN-codes with multiple (up to 256) unique security classes, PIN access to be limited to specific days of the week or time of day, and PIN access to be set to expire at a specific date and time. Touchpad control shall permit the transfer of access data (audit trail) to a touchpad PC interface software program which shall permit an authorized administrator to work with access data in spreadsheet format, to establish security classes, to assign security classes and PIN-codes to users, and to make updates as security requirements change. PC interface software installation and setup and touchpad setup shall be required.

**Touchpad Module Control on a Mobile Carriage:** Provide a 10-digit touchpad control with display and audit trail capability to replace one standard push button control on a mobile carriage to control all the carriages in the system module with an easy-to-read 2x20 character LCD status display, PIN-code security, an internal real-time clock and a clear record of access. Touchpad shall permit: multiple (up to 512) unique PIN-codes with multiple (up to 256) unique security classes, PIN access to be limited to specific days of the week or time of day, and PIN access to be set to expire at a specific date and time. Touchpad control shall permit the transfer of access data (audit trail) to a touchpad PC interface software program which shall permit an authorized administrator to work with access data in spreadsheet format, to establish security classes, to assign security classes and PIN-codes to users, and to make updates as security requirements change. PC interface software installation and setup and touchpad setup shall be required.

**Touchpad Carriage Control:** Provide a 10-digit touchpad control with display and audit trail capability to be located on each of the carriages and each controls its own carriage with an easy-to-read 2x20 character LCD status display, PIN-code security, an internal real-time clock and a clear record of access. Touchpad shall permit: multiple (up to 512) unique

PIN-codes with multiple (up to 256) unique security classes, PIN access to be limited to specific days of the week or time of day, and PIN access to be set to expire at a specific date and time. Touchpad control shall permit the transfer of access data (audit trail) to its own touchpad PC interface software program which shall permit an authorized administrator to work with access data in spreadsheet format, to establish security classes, to assign security classes and PIN-codes to users, and to make updates as security requirements change. PC interface software installation and setup and touchpad setup shall be required.

**Touchpad LCD Control:** Provide a 10-digit touchpad control with display to be located on one or more of the carriages and each controls its own carriage with an easy-to-read 2x20 character LCD display. PC interface software installation and setup and touchpad setup shall not be required and a default PIN-code shall be available to turn the system on and off or make that specific carriage a stationary unit.

**[Option to be applied to B-D above.] Touchpad Stationary Control:** Provide a 10-digit touchpad control to be located on one of the carriages within a module and it controls its own carriage with an easy-to-read 2x20 character LCD display, along with providing a hardware stationary control of that carriage. The hardware stationary control shall be mounted on the extreme carriage (far left or far right) to lock the entire system with closed aisles [or on any center carriage to effectively split the system into two]. The carriage can only be locked and unlocked in this way by using a PIN-code. PC interface software installation and setup and some touchpad setup shall be required.

**[Option to be applied to A-D above.] Touchpad On/Off Control:** Provide a 10-digit touchpad control to be located on one of the stationary platforms or carriages within a module and controls its own carriage with an easy-to-read 2x20 character LCD display, along with providing a hardware on/off control for the system. The hardware on/off control shall use a PIN-code to shut down or restore power to the system, preventing unintentional power-ups. PC interface software installation and setup and some touchpad setup shall be required.

Specifications are subject to change.