The 5100ex is a fully integrated, all-in-one spreader control designed for heavy duty winter maintenance operations. Its compact, modern design provides a commanding solution for professionals to fight snow and ice with precision and simplicity.

- **Manual, open and closed loop controller capabilities**
  - Allows for accurate application of granular and liquid deicing materials

- **Optional integrated control for the plow and hoist operation**

- **Ergonomic, compact design for comfortable operation**
  - Right-hand location of controls offer an unobstructed view of the LCD screen

- **Protective casing surround control knobs**
  - Prevents unintentional use and damage to the knobs

- **Bright, bold color LCD touchscreen**
  - Ideal for calibration and configuration options

- **Backlit rocker switches for easy viewing at all times**

- **Interlock for use of critical functions**
  - Avoid inadvertent operation of critical functions

- **Fully adjustable mounting options**
  - Allows for simple, customizable installation

- **Built-in USB port for data retrieval and firmware upgrades**
### Product Specifications

![Image of the SSC5100ex Spreader Control]

- **Size**: 5.1” H x 7.2” W x 2.5” D
- **Case Material**: Glass filled Nylon
- **Screen Size**: 3.5”
- **Screen Resolution**: 320 x 240 px
- **USB Connector**: Standard-A type
- **Discrete Digital Inputs**: 6
- **Dashkey Input**: 1
- **Speedometer Input Type**: Dual Adjustable Trip Point, w/ pull up enable
- **Valve Outputs**: 9
- **Valve Output Current**: 4A
- **Operating Voltage**: 9-30VDC constant power
- **Operating Current**: 250mA + valve drive current

- **Max System Current**: 15A
- **Electrical Protection Type**: Fuse, reverse polarity, load dump
- **Electrical Testing**:
  - J1113/4: Bulk Current Injection 1-400MHz
  - J1113/21: Immunity to Electromagnetic Fields 20-1000MHz
  - C19: RF Radiated Emissions
  - J1113/13: ESD 4 & 8kV Direct, 4/8/15kV Air
- **Mechanical Testing**:
  - SAE1455 Shock
  - SAE1455 Swept Sine Vibration
  - SAE1455 Random Vibration

- **Bright, bold color LCD touchscreen for calibration and configuration options.**
- **Fully adjustable mounting option for easy, customizable installation.**
- **Tactically placed interlock system to ensure safe use of critical functions.**
- **Protective casing surround control knobs to prevent unintentional use.**

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