The All Sport 5100 console uses changeable keyboard overlays to time various racing events and outputs Real-Time Data (RTD) to fixed-digit and video displays. Manual Mode uses trackside infrared photocells for timing, while Automatic Mode uses transponders in each vehicle.

In Manual Mode, the system is capable of displaying:
- Current positions of top racers
- Green/yellow/red flag status
- Lap number
- Time of race (instead of lap counter)
- Lap timer (during qualifying) to 1/1000th of a second using infrared photocells
- Best lap time (during qualifying)
- Time of Day
- Final leader places
- Black flagged (disqualified) cars

In Automatic Mode, the system provides:
- Automatic information feed to scoreboard from MyLaps Orbits 5 or Westhold Race Manager software (car numbers, driver names, lap times, etc.)

**DISPLAY**
A 32-character liquid crystal display (LCD) prompts the operator and provides vital feedback. Two lines of 16 characters provide easy viewing of race/event information. The LCD is backlit with LEDs to allow for readability in dark areas as well as bright sunlight.
- Viewing area: 3.89" W x 0.94" H (99 mm, 24 mm)
- Characters: 0.189" W x 0.378" H (4.8 mm, 9.6 mm)

**DIMENSIONS**

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>WEIGHT</th>
<th>POWER (120/240 VAC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.25&quot; H x 16.25&quot; W x 9&quot; D (108 mm, 413 mm, 229 mm)</td>
<td>7 lb (3.2 kg)</td>
<td>6 Watts</td>
</tr>
</tbody>
</table>

**CONSTRUCTION**
Heavy-duty aluminum case is the toughest line of defense against drops, static electricity, and high/low temperatures. The console’s “snap-action” keyboard is sealed, making it resistant to moisture and spills. An internal beeper helps to indicate a completed keystroke.

**NON-VOLATILE MEMORY**
The most current information is automatically stored on a memory chip without the need for a battery, should there be a loss of power. The memory cannot be erased and is only overwritten once new information is entered.

**PRODUCT SAFETY APPROVAL**
ETL-listed, tested to CSA standards, and CE-labeled; FCC approved

**OPERATING TEMPERATURES**
32° to 130° Fahrenheit (0° to 54° Celsius)

**GENERAL INFORMATION**
Console is static electricity resistant to 20,000 volts. Specifications and pricing subject to change without notice.

**OPTIONS & ACCESSORIES**
- Durable carrying case (see SL-04551)
- 2.4 GHz spread spectrum radio control (see SL-04370)
- External battery kit (see SL-04457)

**FOR ADDITIONAL INFORMATION**
- Manual: See ED-12501
ALL SPORT 5100 MOTORSPORTS PRODUCT SPECIFICATIONS

TYPICAL CONTROL DIAGRAMS
Refer to the diagrams below for typical layouts featuring an All Sport 5100 controller, automatic or manual input, and displays.

Automatic Input:
This setup uses MyLaps Orbits or Westhold Race Manager to collect and display race information. If using any other third-party timing/results software, the Daktronics Motorsports Interface is required (see DD1457224).

Manual Input:
This setup requires a pair photocells to display laps and lap times. The system can also display green, yellow, or red flag status, disqualified cars, current position and time-of-day (depending on scoreboard model). Photocells are powered by the photocell interface. Receiver and transmitter can be up to 150’ (46 m) apart. Battery-powered photocells also available.

*May require additional control or networking equipment depending on display type.