Sidewinder Portable is a “Personal Moving Light Console” small enough to be at your side when you need it.

The Sidewinder family of products provide the DMX processing power behind the award-winning Figment DMX software for Palm OS PDAs.

Sidewinder Portable is designed to be the most compact and capable DMX lighting console available for use in applications such as self-contained show playback, remote focus, console backup, DMX troubleshooting and more.

Sidewinder is the result of miniaturizing the electronics of a moving-light console and removing nearly all of the typical front-panel controls. Instead of wasting space with large keyboards and encoder wheels, the Sidewinder concept is to access all of these user-interface elements by attaching a low-cost Palm OS based PDA to act as Sidewinder’s screen and keyboard.

Use Sidewinder Portable to “tech” moving lights, produce quick self-playing shows, diagnose DMX problems, view real-time console output, back up a show and more.

Whether Sidewinder Portable is being used as a miniature console or a technician’s tool, it’s thoughtful combination of practical features and ease of use will surely become one of the most useful DMX playback devices in your arsenal of lighting control tools.

Typical Connection Diagram:

![Typical Connection Diagram](image-url)

Features:

- Small enough to fit in your pocket
- Four user-definable macro buttons
- Controlled by the award-winning Figment DMX software
- Runs on “AA” batteries or an AC Adaptor
- Serial interface connects to nearly any Palm OS PDA from Palm, Sony, Handspring and others
- Optional “stand-alone” show playback memory (typically up to 350 cues)
- 5-pin XLR DMX Input and Output jacks
- Make wireless with optional Sidewinder Bluetooth Module

Professional Entertainment and Architectural Lighting Control Products

For additional product information and support: www.interactive-online.com
Ordering Information:

**Portable Sidewinder**

SD–250  
Sidewinder DMX 2 Portable

**Portable Sidewinder Kits**

SD–250–KBK  
Sidewinder DMX 2 Kit (Black)  
(Sidewinder, Soft Carrying Case and AC Adaptor packaged in Hard Storage Case)

SD–250–KFB  
Sidewinder DMX 2 Kit (Fluorescent Blue)  
(same as above in a Fluorescent Blue case)

SD–250–KFO  
Sidewinder DMX 2 Kit (Fluorescent Orange)  
(same as above in a Fluorescent Orange case)

SD–250–KFY  
Sidewinder DMX 2 Kit (Fluorescent Yellow)  
(same as above in a Fluorescent Yellow case)

**Portable Sidewinder Options**

SD–SAM  
Sidewinder Portable Stand–Alone Memory Upgrade

SD–250–Exx  
Sidewinder DMX Kit with Euro (220VAC) Power Supply  
(change the ‘K’ for an ‘E’ in part number)

**Accessories**

SD–BTM  
Sidewinder Bluetooth Module

SD–SCC  
Sidewinder Soft Carrying Case

SD–HSC–BK  
Sidewinder Hard Storage Case (Black)

SD–HSC–FB  
Sidewinder Hard Storage Case (Fluorescent Blue)

SD–HSC–FO  
Sidewinder Hard Storage Case (Fluorescent Orange)

SD–HSC–FY  
Sidewinder Hard Storage Case (Fluorescent Yellow)

SD–ACU  
MicroTech AC Adaptor, North American  
(110VAC, 60Hz)

SD–ACE  
MicroTech AC Adaptor, European  
(220VAC, 50Hz)

**Specifications:**

**Interface Mode (with Figment software or by serial commands)**

Please refer to Figment Specifications for capabilities when being controlled by Figment application.

<table>
<thead>
<tr>
<th>DMX Output</th>
<th>Playback Fader with Dipless Crossfading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Master Control</td>
<td></td>
</tr>
<tr>
<td>Channel Profile Matrix</td>
<td></td>
</tr>
<tr>
<td>Live Output Overlay Buffer</td>
<td></td>
</tr>
<tr>
<td>Normal and Power–Saving Output Modes</td>
<td></td>
</tr>
<tr>
<td>DMX Input</td>
<td>Automatic DMX Merge with DMX Output</td>
</tr>
<tr>
<td>Fully Buffered DMX Input Polling</td>
<td></td>
</tr>
<tr>
<td>Capture and Console Backup Modes</td>
<td></td>
</tr>
<tr>
<td>DMX Diagnostics</td>
<td>Flicker Finder Processor</td>
</tr>
</tbody>
</table>

**Stand–Alone Playback Mode (available with Stand–Alone Upgrade only)**

350+ Cue capacity (512 channels each)  
More cues (up to 1000) when fewer than 512 channels recorded  
Each cue recorded includes timing and links  
Up to 99 macros  
Assignable to four physical macro buttons  
Assignable to “Power–Up” event  
Up to 64 steps each  
External triggering from RS–232 port  
Automatic show start

**Front Panel**

4 Physical User–Definable Macro Buttons  
3 Tri–State Status LEDs  
Host Status  
DMX Input  
DMX Output  
Main Power On/Off

**Rear / End Panel**

Male DB–9 RS–232 Serial Port  
2.1mm DC Input Jack  
9VDC  
5-pin Male DMX Input Port  
5-pin Female DMX Output Port

**Non–Volatile Memory System**

- 2.25 Mbit Flash Memory Array  
- 15 Year Data Retention Without Power  
- 100,000 Erase/Reprogram Cycles Minimum  
- User–Upgradeable Flash ROM Firmware (Using Update Application)

**Electrical Characteristics**

- **Power Supply**
  - 2 "AA" Size Batteries  
  - 15 Hour Continuous Operation Time with Alkaline Batteries  
  - Longer Operation Time with NiMH or Lithium Ion Type Batteries  
  - 2.1 mm Barrel Type DC Input Jack, Tip Positive  
  - DC Input accepts 6VDC – 9VDC @ 200 mA

- **Serial Port**
  - Male DB–9 with fixed coupling threads  
  - Requires Null modem cable for connection to host computer  
  - Uses standard Palm serial HotSync Cradle or HotSync Cable to connect to Palm OS based PDA  
  - Meets or Exceeds EIA–232–F  
  - +/- 30V Input Levels  
  - ESD Protection Exceeds 2000 V Per MIL–STD–883, Method 3015  
  - DMX Input/Output Ports  
    - Neutrik D Series 5-pin XLR Jacks  
    - Full DMX–512/1990 Compliance  
    - Electrically Compliant With RS–485  
    - slew–Rate Limited for Errorless Transmission  
    - –7V to +12V Common–Mode Input Voltage Range  
    - Current Limited and Thermal Shutdown for Overload Protection

**Physical Characteristics**

- Length:  3.97” (101 mm) without cables connected  
- Width:  2.38” (60 mm)  
- Height:  1.50” (38 mm)  
- Weight:  7.3 oz. (209 g) including 2 “AA” batteries

**Environmental**

- Operating Temperature  
  - –22°F to 158°F  
  - –30°C to 70°C  
  - 0 to 95% humidity, non–condensing

**Note:** In order to maintain the highest possible product quality, Interactive Technologies reserves the right to change specifications without notice. Some of the available functions may be altered over the life of the product and functions not described here may be added.

D0721C Rev 7/05