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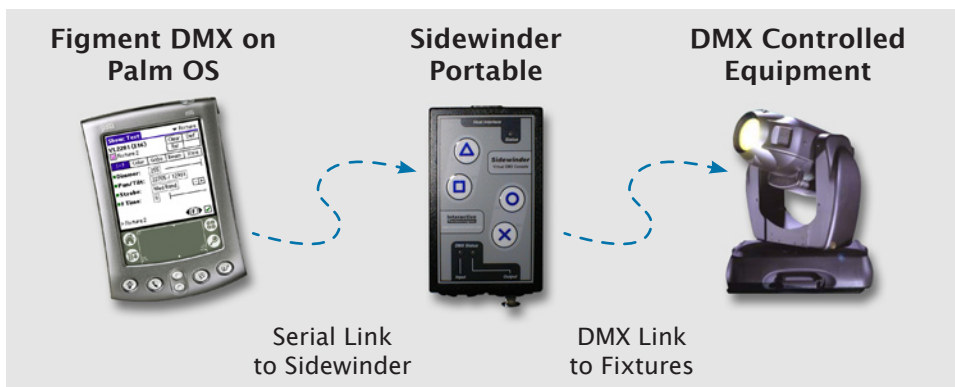
Sidewinder Portable is designed to be the most compact and capable DMX lighting console available for use in applications such as self–contained show playback, remote focus, console backup, DMX troubleshooting and more.

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:

Figment DMX on Palm OS → **Sidewinder Portable** → **DMX Controlled Equipment**

Serial Link to Sidewinder   DMX Link to Fixtures

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

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)

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)

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)

Specifications:

Interface Mode (with Figment software or by serial commands)
Please refer to Figment Specifications for capabilities when being controlled by Figment application.

DMX Output
  Playback Fader with Dipless Crossfading
  Submaster Array
  Grand Master Control
  Channel Profile Matrix
  Live Output Overlay Buffer
  Normal and Power–Saving Output Modes
DMX Input
  Automatic DMX Merge with DMX Output
  Fully Buffered DMX Input Polling
  Capture and Console Backup Modes
DMX Diagnostics
  Flicker Finder Processor
  DMX Statistics Accumulator
    Channel Count (Packet Length)
    Update Rate (Hz)
    Break Time (0.25µs resolution)
    MAB Time (0.25µs resolution)
    Start Code Listing
  DMX Test Packet Generator
  Double–Ended Cable Test
Front Panel
  Macro Button Triggering
  Status LED Control
System Management
  Device Status
  Session Management
  Non–Volatile Memory Management

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.