

## Sidewinder XR is a complete DMX playback solution that's easy to use and easy on your budget.

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

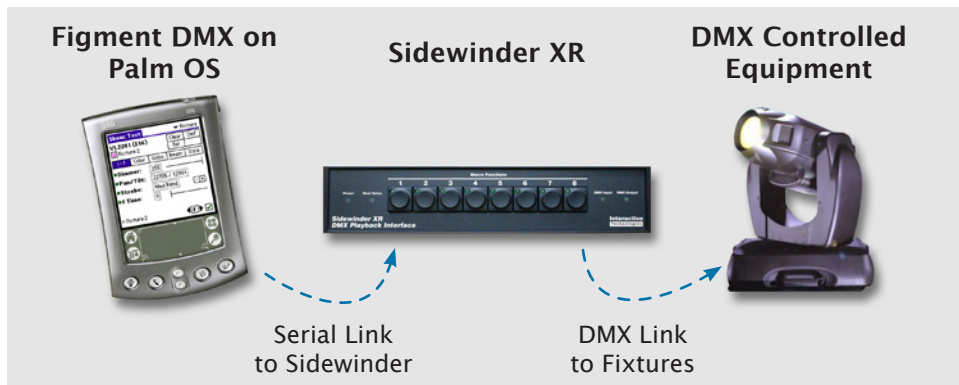
Sidewinder XR is designed to be the most compact and capable DMX playback interface available for use in applications such as self-contained show execution, remote focus, console backup and more.

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 XR to play shows created in our easy to use Figment DMX software. Use it for architectural lighting, trade show booths, LED lighting, museum kiosks, retail displays, corporate events and much more.**

Whether Sidewinder XR 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:



### Features:

- Eight user-definable macro buttons
- External contact closure inputs
- Controlled by the award-winning Figment DMX software
- Operates from universal input AC power
- Serial interface connects to nearly any Palm OS PDA from Palm, Sony, Handspring and others
- "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:

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### Sidewinder XR

SD-XR850 Sidewinder DMX XR 2 Interface

### Sidewinder XR Accessories

SD-BTM Sidewinder Bluetooth Module  
SD-XR-RMX Sidewinder XR Rack Mount Brackets Without Handles  
SD-XR-RMH Sidewinder XR Rack Mount Brackets With Handles  
SD-XR-RA Sidewinder XR Rack Adaptor  
SD-XR-CH Sidewinder XR Coupling Hardware

## Specifications:

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### 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 (0.25 $\mu$ s resolution)
  - MAB Time (0.25 $\mu$ s 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

- 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

- 8 Physical User-Definable Macro Buttons
- 3 Tri-State Status LEDs
  - Host Status
  - DMX Input
  - DMX Output
- Main Power LED

### Rear / End Panel

- Male DB-9 RS-232 Serial Port
- Female DB-9 Contact Closure Input Port
- 5-pin Male DMX Input Port
- 5-pin Female DMX Output Port
- IEC-320 AC Power Inlet

### 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
  - 85-264 VAC, 47-63 Hz, Single Phase
- 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

- Width: 8.38" (213 mm) - 1/2 Rack Width
- Height: 1.72" (44 mm) - 1U Rack Height
- Depth: 6.25" (159 mm) without cables connected
- Weight: 31 oz. (890 g)

### 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.