

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.

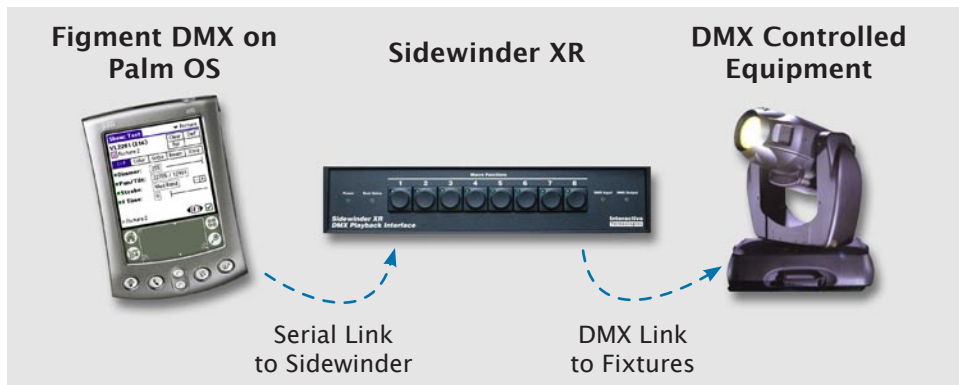
Sidewinder XR is designed to be the most compact and capable DMX playback interface available for use in applications such as self-contained show execution, remote focus, console backup and more.

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

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Professional Entertainment and Architectural Lighting Control Products

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

Ordering Information:

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:

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 μ s resolution)
MAB Time (0.25 μ 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.