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:

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)
   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
   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.