

**Product**

**ConTour Winch SDR**  
Smart Data Reel

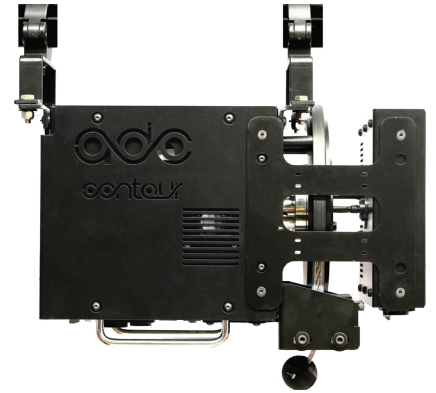
Part No. CN05D251

**Description**

**Reliable power and data on a single lift line puts you in control when designing scenic, lighting or projection effects. Good-bye to retractor reels!**

The ConTour Winch SDR is a game changer for designers, technicians, producers and creatives who need to lift, energize and pass control data from a single wire. ADC's proprietary multiconductor flat wire has a load capacity of 50lbs and includes 2x 10A conductors for power and 4x twisted pair data conductors (CAT6) for data.

The ultra reliable electronics in the SDR module are suitable for powering and controlling LED effects, chandeliers, moon boxes, automated lights, video tiles, powered speakers or whatever custom scenic element or prop needing power and control data.



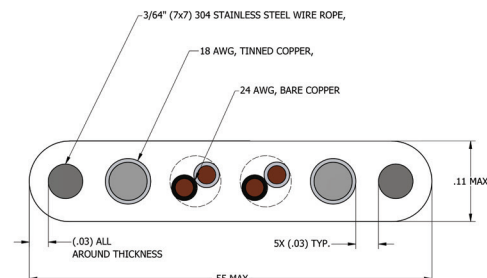
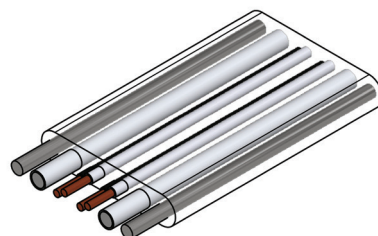
**Flexibility and versatility to create and control effects the way you want.**

The ConTour Winch SDR has a 50lb dynamic load capacity, a travel speed of 0 - 3ft/sec and 25ft (7.6m) of lift-line travel. Its lightweight, compact size allows the ConTour SDR to fit in tight rigging packs, or to mount completely within the frame of ADC's 14" automation truss making truck pack and load in a breeze.

The SDR module is fully integrated with the ConTour Winch base unit and can draw 24VDC power and data from the unit directly. For added convenience, the SDR module also has separate Powercon True 1 and Ethercon inputs and pass through ports. This flexibility allows you to send power and 10/100 ethernet data to the lifted element *independent of the winch's power and data network when needed*, giving you greater creative control over your projects.

For installations where multiple lift lines are required, the ConTour Winch CDR Companion Data Reel pairs seamlessly with the Smart Data Reel unit. Using the same flat wire profile as the SDR, the CDR maintains consistent lift speeds and motor synchronization without duplicating expensive electronics.

The ConTour Winch SDR can be controlled via a variety of protocols including Modbus/TCP, Art-Net, sACN or via Axis1 Touch Controller, ADC's programmable touchscreen controller.



**Engineered for safety**

The ConTour Winch SDR25 was designed from the ground up with the highest safety standards in mind:

- SIL3 compliant,
- Emergency stop circuit over ethernet (eliminaing the need for additional cable runs),
- 24VDC primary, power-off brake ensures safe conditions in the event of a power loss,
- User programmable over-current shut down.

The ConTour Winch SDR25has been reviewed, approved, and stamped by an independent engineering firm for mechanical design and SIL3 compliance and has certification from internationally recognized testing laboratories to meet standards when used in venues all around the world.

**SPECIFICATIONS**

<b>Size</b>	16.94 in x 10.19 in x 9.75 in (430 x 259 x 248 mm)	<b>Power</b>	110 to 220 VAC 50/60 hz (field selectable) 690 W (6A @ 120VAC, 3A @ 220 VAC)
<b>Weight</b>	50lbs (22.7kg)	<b>Connector</b>	Powercon True 1 Input and Output (x2) Power Linking: 3@ 120VAC, 6@ 220VAC
<b>Capacity</b>	50lbs (22.7kg) @ 50% duty cycle 35lbs (15.9kg) @ 100% duty cycle	<b>Control</b>	Modbus, Art-Net, sACN,
<b>Lift Height</b>	25ft (7.6m)	<b>DMX</b>	6 Channels
<b>Speed</b>	0-3 ft / sec	<b>Data Port</b>	Ethercon / RJ45 (x4)
<b>Lift Line</b>	1/2" load-bearing multi-conductor data line (2x) 3/64" 7x7 Stainless steel wire rope (2x) 18AWG tinned copper conductor (2x) 24AWG Twisted Pair bare copper	<b>Local Control</b>	Jog Up / Jog Down

