



SACS-1



SACR-191



SACS-5

FEATURES

- Sequential Power-Up/Down Of System Components
- Protects Electronic Equipment
- Eliminates Tripped Circuit Breakers
- Minimizes Voltage Spikes/Current Surges

GENERAL DESCRIPTION

The Atlas Sound Sequential Switch System prevents high in-rush currents which can damage drivers and sensitive electronic equipment. The Sequential Switch System applies power to the system in desired time-delay sequence, minimizing the potential for tripped circuit breakers, blown fuses, or voltage spikes caused by simultaneous power application.

The system is ideal for large sound reinforcement systems, electrical, electronic systems/controls, and other signal chains that require sequential power up and power down.

SACR-191

Sequential Switch System Controller

The model SACR-191 is a six circuit sequencer designed to sequentially activate the associated SACS-1 and SACS-5 117VAC power outlets. It can be employed in sound reinforcement systems or other electronic systems that require a timed sequence for system power-up. This means the SACR-191, when used with the SACS-1 and/or SACS-5 117VAC outlets will power up and down a chain of equipment in the desired order. Added flexibility is incorporated by providing both a 24VDC output (for use with the SACS-1 and SACS-5) and a SPDT dry contact closure on each circuit which can be used for a variety of other applications. The built-in clock generator is adjustable and provides a means of setting the turn-on delay of the six circuits.

The delay is adjustable from one to ten seconds. Screw terminals are provided for connecting the SACS-1 or SACS-5 power outlets to the SACR-191. Terminals are also available to connect a remote sequence start/stop switch. The cable necessary to interface the SACR-191 controller with the remote SACS-1 and SACS-5 is two conductor cable- 22 ga. min. per circuit (not included). The momentary remote start/stop switch also requires a two conductor shielded cable- 22 ga. min. (not included).

The SACR-191 is powered by an external power supply, which is included with each unit. Controls include a master power on/off switch, a sequence start/stop switch, master power indicator light, sequence status light, and circuit status lights.

CONTROLLER SPECIFICATIONS	
Model	SACR-191 (6 Output Channels)
Master Time Delay Between Channels	Adjustable from 1 sec. to 10 sec.
Outputs	X6 24VDC (125mA per channel) SPDT contacts (2 amps @28 VDC, 0.5 amp @ 120VAC)
Power Required	Plug-in power Supply, Atlas Sound P/N 219481 (included)
Terminals Provided	Remote "Start" switch
Dimensions	1¾"H x 19"W x 4¾"D

OUTLET SPECIFICATIONS		
MODEL NO.	SACS-5 (6-circuit)	SACS-1 (1-circuit)
Outlets	1 unswitched duplex 5 switched duplex	2 switched duplex
Outlet Rating	15 amps	
Relay Contact Rating	30 amps	
Relay Coil Voltage	24VDC nom. 18VDC min.	
Connections AC	14 ga. pigtails	
Switch Control	Screw Terminals (2 conductors, 22 ga. min.)	
Manual Override Switch	5 provided	1 provided
Dimensions	37"H x 3¾"W x 2½"D	4½"H x 6¾"W x 2½"D

Specifications are subject to change without notice



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