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.

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

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: 1⅓"H x 19"W x 4⅞"D

OUTLET SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>SACS-5 (6-circuit)</th>
<th>SACS-1 (1-circuit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outlets</td>
<td>1 unswitched duplex</td>
<td>2 switched duplex</td>
</tr>
<tr>
<td></td>
<td>5 switched duplex</td>
<td></td>
</tr>
<tr>
<td>Outlet Rating</td>
<td>15 amps</td>
<td></td>
</tr>
<tr>
<td>Relay Contact Rating</td>
<td>30 amps</td>
<td></td>
</tr>
<tr>
<td>Relay Coil Voltage</td>
<td>24VDC nom. 18VDC min.</td>
<td></td>
</tr>
<tr>
<td>Connections AC</td>
<td>14 ga. pigtails</td>
<td></td>
</tr>
<tr>
<td>Switch Control</td>
<td>Screw Terminals (2 conductors, 22 ga. min.)</td>
<td></td>
</tr>
<tr>
<td>Manual Override Switch</td>
<td>5 provided</td>
<td>1 provided</td>
</tr>
<tr>
<td>Dimensions</td>
<td>37&quot;H x 3½&quot;W x 2½&quot;D</td>
<td>4½&quot;H x 6½&quot;W x 2½&quot;D</td>
</tr>
</tbody>
</table>

Specifications are subject to change without notice
SACS-5
Six Circuit Remote for use with SACR-191 Controller
The model SACS-5 is equipped with six duplex for plugging in
mixers, equalizers, crossovers, amplifiers, etc. The first duplex
outlet is unswitched and can be used to plug in the power
supply to power the SACR-191 controller. A terminal strip is
located adjacent to each of the remaining five duplex outlets
to connect the individual circuits to the SACR-191 controller.
Each duplex outlet is further equipped with a manual/auto
switch to allow the outlets to be switched on manually and the
sequencing process to be overridden.

SACS-5F
SACS-5, isolated ground configuration.

SACS-1
Single Circuit Remote for use with SACR-191 Controller
The model SACS-1 is a single circuit version of the
SACS-5. It is generally employed when separate power
circuits are a system requirement. It also simplifies power
control in a multi-rack system or control of remotely located
equipment.

All of the functions and features built into the SACS-1 are
identical to those in the SACS-5. The SACS-1 is built into a
surface mount three gang box suitable for rack or wall
mounting.

SACS-1F
SACS-1, isolated ground configuration.