



**RDS17S
LIGHT & SIREN CONTROLLER**

FEATURES

- A compact full feature siren & relay module package makes it easy to install.
- The RDS17 features an easily programmable control head with a four (4) position slide switch and fourteen (14) illuminated push buttons covered by a rubber overlay to protect them from accidental liquid splashes.
- Most of the push button switches can be programmed to be turned ON/OFF by any of the three positions of the slide switch.
- Radio re-broadcasting.
- Standard siren tones.
- Park Kill.
- "Hands Free" siren tone sequencing using the vehicle horn.
- Shotgun release, timed for nine seconds or momentary
- Programmable DRLD (Daylight Running Lights Defeat).
- Three level dimmer control for the push button backlights.
- Operates one or two 100W speakers.
- All control outputs are solid state relays.
- All outputs are short circuit protected (no fuses to change).
- Reverse Battery Protection.
- Meets SAE J1849



Specifications

General

Input Voltage	11 to 16 Volts DC
Operating Temperature Ranges	-30oC to +65oC
Standby Current	50mA + 10%

Physical Dimensions

Height	3.50"
Width	7.75"
Depth	5.87"
Width (extended chassis).....	9.37"

Siren

Operating Current	10 Amps
Frequency Range	700 to 1640 Hz (nominal)
Cycle Rate	
Wail	17 cycles/min
Yelp	230 cycles/min
Stinger	1000 cycles/min

Nominal Voltage Output	52V p-p (11Ω load)
Audio Frequency Response	100 – 4000 Hz + 3dB

Audio Distortion	10% or less
Audio Power	32 Watt min
Input Impedance	600Ω (radio)

Relay Board	
Outputs	Maximum Current
1 to 3.....	20 Amps
4 to 8.....	10 Amps
9 Relay output with capability of.....	10 Amps
10 to 14.....	10 Amps