

# PROTEC 1300

## PROTEC 1300 FEATURES:

- Serial communication 485 for increased reliability between the relay board and the controller
- Operation of vehicle horn ring
- Fully Backlit
- Light alert
- Siren Tone: Wail, Yelp, Stinger, Air Horn

- Two different light flashing patterns can be configured using the windows style programming software
- Protec 1300 will work only on 12V vehicle systems
- Interchangeable legends to suit your needs



## PROTEC 1300 PARTS:

Models:  
 P1300 - Handheld PA Mic light & siren ctrl.  
 P1350 - Light controller-no siren

Parts:  
 209-0006 - Lexan for P1300  
 300-0035 - Back cover  
 300-0034 - Front cover  
 300-0038 - P1300 saddle  
 911-0101A - P1300 Touchpad Enclosure

## GENERAL SPECIFICATIONS:

- Input Voltage.....11 to 16 Volts DC
- Operation Temperature Ranges.....-30±C to +65±C
- Standby Current
  - Including siren.....0.085 Amps
  - Without siren.....0.025 Amps
- Max.Curr.per output terminal plug type.....10 Amps

- Terminal plug.....20 Amps

## PHYSICAL SPECIFICATIONS

	MAIN UNIT	TOUCHPAD
• Height	3.5"	4.43"
• Width	7.75"	2.375"
• Depth	6.0"	1.0"

# ENFORCER SIREN SYSTEMS

## ES6000

Full feature electronic siren with standard air horn, capable of operating 100 or 200 watts. It features radio rebroadcast, P.A., manual, wail, yelp, stinger and siren tones. It has a back-lit control head for easy night use and LED indicator that requires only a light touch to activate the switch. Comes complete with plug or hard-wired microphone.

Dimensions: Width-6 1/4", Height-2 1/2", Depth-7 1/2"



**ES6000**



**ES6200**

## ES6200

The ideal siren for undercover application. It features 100 watt capability, wail, yelp, siren tones and air horn. The small compact control head virtually mounts anywhere.

# LIGHT & SIREN CONTROLLERS



**ELECTRONICS CO. LTD.**  
 EMERGENCY VEHICLE SOUND, LIGHTING & EQUIPMENT



# LIGHT & SIREN CONTROLLERS

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 TEL:905-951-9997 / Toll free (US only): 1-800-538-7338 / FAX: 905-951-0019  
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ISO 9001:2000  
 REGISTERED COMPANY

# RDS / RDS16- MINI SIREN

# INTIMIDATOR

## STANDARD FEATURES:

The mini-siren is a compact unit designed with built-in siren and light control. The touchpad control panel makes it easy to use. The 9 outputs provide flexibility for desired configurations. With its small size and optional remote control, the Mini-siren takes up little space and is easy to install.

## RDS REPLACEMENT PARTS:

- 300-0031 - Red knob slide switch
- 178-1116 - Slide Switch
- 209-0007 - Lexan for RDS mini siren
- 209-0019 - Lexan for RDS16 mini siren

## RDS MODELS & SPECS:

- RDS-10 level w/full feature siren
- RDS-RK-10 level w/full feature siren - Remote Kit
- RDS16 - 10 level w/full feature siren & optional arrowstick ctrl.
- RDS16-RK - 10 level w/full feature siren & optional arrowstick ctrl. Remote Kit

- Input Voltage.....11 to 16 Volts DC
- Operation Temperature Ranges.....-30°C to +65°C
- Standby Current.....50 mA±10%



RDS

RDS-RK



RDS 16

RDS 16-RK



- Latest in electronic technology
- Easy plug-in connectors
- Interchangeable legends to suit your needs



## F3 STANDARD FEATURES:

- One touch Master Emergency mode, or 3 position slide switch setting for flash pattern
- Selectable setting for flash pattern (1-flashing pair)
- Fully Backlit
- Light alert
- Built in arrowstick controller
- Shot gun timer delay (optional)
- Operation of vehicle horn ring
- High quality microphone
- Full feature siren
- Zero down time warranty

## F3 ELECTRICAL SPECS:

- Input Voltage.....11 to 16 Volts DC
- Operation Temperature Ranges.....-30°C to +65°C
- Off Current.....Less than 5 mA
- Standby Current.....0.05 ± 10%

## PHYSICAL SPECIFICATION

### AMPLIFIER TOUCHPAD

- Weight 10 lbs 1.0 lbs
- Height 3.875" 3.5"
- Width 9.375" 7.2"
- Depth 5.875" 1.0"

## SIREN SPECIFICATIONS

- Operating Current: 110hm @100 Watts - 200 Watt load
- Frequency Range: 734 to 1311 Hz (nominal)
- Cycle rate: Wail - 20 cycles/min.  
Yelp - 200 cycles/min.  
Stinger - 800 cycles/min.  
Hi-Lo - 55 cycles/min.
- Nominal Voltage Output: 48V peak to peak (with 11 Ohm load)
- Audio Response: 100 - 4,000 Hz ± 3dB
- Audio Power: 32 Watt in PA mode
- Radio Input Impedance: 600 Ohm



F3 System

## F3 ORDER / REPLACEMENT PARTS

- F3.3000 - Full feature light & siren controller
- F3.3050 - Full feature light & siren controller w/built-in arrowstick
- F3.3100 - Full feature light & siren controller w/4 pos. slide switch
- F3.3150 - Full feature light & siren controller w/4 pos. slide switch & built-in arrowstick
- 02.0287 - Console bracket, faceplate for F3 control head
- 936-0199A - F3 Over radio Flip Bracket for '04 Durango
- 936-0246A - F3 Over radio Flip Bracket for Impala
- 936-0259A - F3 Over radio Flip Bracket for Charger
- 936-0224A - F3 Over radio Flip Bracket for FCV
- 209-0004 - Lexan for F3 w/Master Switch
- 209-0005 - Lexan for F3 w/Slide Switch
- 178-1116 - Slide Switch
- 215-0033 - Ground Cable
- 215-0034 - Power Cable
- 216-0014 - Label sheet

## PHYSICAL SPECIFICATION

	MAIN UNIT	REMOTE
	RDS / RDS16	
HEAD		
• Height	2.45"	2.45"
• Width	6.66"	6.66"
• Depth	6.44"	1.00"

## SIREN SPECIFICATIONS

- Cadences:  
Wail - 20 cycles/min.  
Yelp - 200 cycles/min.  
Stinger - 800 cycles/min.
- Nominal Voltage Output: 48V p-p (11Ω load)
- Audio Frequency Response:  
100 - 4000 Hz ± 3dB
- Audio Power: 32 Watt in PA mode
- Radio Input Impedance: 600 Ohm

## SIREN SPECIFICATIONS

- Operating Current: 10 Amps
- Frequency Range: 734 to 1311 Hz (nominal)

# SWITCH PANELS

## SP600

Provides switching for six separate lighting functions. Switch #1 comes with 3 outputs to three 16 amp relays (Max load 48 amps). The other switches are fused individually on a 20 amp circuit with spade terminal connections for easy install and removal. Each switch has its own interchangeable legend and fully back-lit for easy night use.



SP600

## SP700

Provides switching for seven separate lighting functions. Switch #1 comes with 3 outputs to three 16 amp relays (Max load 48 amps). The other switches are fused individually on a 20 amp circuit with spade terminal connections for easy install and removal. Each switch has its own interchangeable legend and fully back-lit for easy night use. Switches are large heavy duty design for long trouble free performance.



SP700

## SP800

Provides switching for eight separate lighting functions. Each control unit has a 4 position progressive 48 amp slide switch with LED indicators. Five 20 amp switches all individually fused with spade terminal connections. Each switch has its own interchangeable legend and is fully back-lit.



SP800