

Epsilon™ Siren Series

Self-Contained Electronic Sirens

Providing unrivaled dependability in a compact and durable design, Epsilon is a self-contained electronic siren that includes a noise cancelling microphone with PA override.



EP2L2S9



EP2L1



EP2L2S6

FEATURES

- Meets SAE Class A sound requirements when used paired with one Whelen 100 watt speaker
- California Title XIII compliant profiles
- 100 and 200 watt models
- Hands-free operation
- Nine Scan-Lock™ siren tones
- Seven position rotary switch allows choice of standby for use with the manual button, manual tone 1, or manual tone 2
- Hands-free position allows horn ring control inputs for operation of the siren and tone 1, 2, and 3 positions
- Each tone position has an override tone when the manual button is depressed
- Includes a real time diagnostics indicator:
 - When the indicator is steady, siren is operating correctly.
 - If it single flashes, speaker is short circuited. If the indicator is off, speaker is under current
- Front of unit provides a PA volume control knob for the noise-cancelling microphone, On/Off switch, manual button, and seven position rotary switch
- Scan-Lock switch is located on the rear to assure fleet uniformity
- Includes input pigtail connector all necessary mounting hardware for simple installation
- Pre-wired with quick disconnect plug for easy service and prompt replacement
- Short circuit protection
- Programmable outputs
- Two year warranty

EP2L2S6/ EP2L2S9

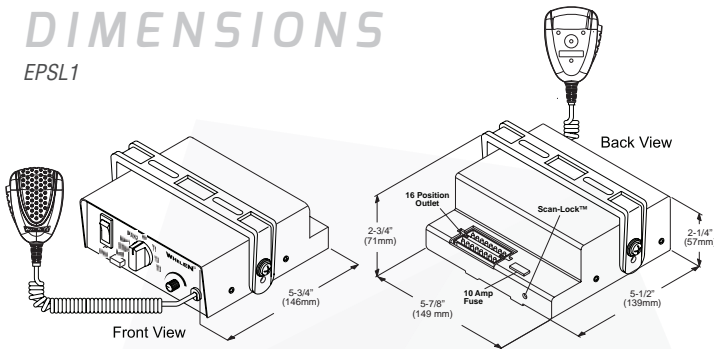
- For use with one or two 100 watt sirens
- Full-function
- Includes Radio Repeat
- EP2L2S6 has six On/Off lighted toggle switches
- EP2L2S9 has a three position programmable slide switch and six On/Off lighted toggle switches
- LED on indicator for each switch

EP2L1

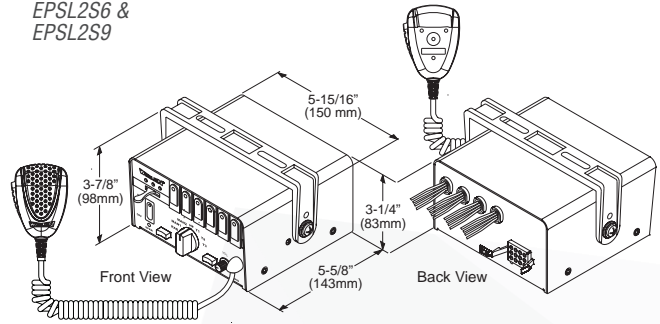
- For use with one 100 watt siren

DIMENSIONS

EPSSL1



EPSSL2S6 & EPSSL2S9



MODELS

EPSSL1	100 watt amplifier
EPSSL2S6	200 watt amplifier with 6 on/off toggle switches, operates up to two 100 watt speakers
EPSSL2S9	200 watt amplifier with 3 position slide switch and 6 on/off toggle switches, operates up to two 100 watt speakers

SIREN TONES

- Tone Off
- Wail
- Yelp
- Airhorn
- Hi/Low
- Piercer
- Y249
- Manual Wail Coast to Stop
- Manual Wail Stop

SPECIFICATIONS

EPSSL1

- Input voltage: 12.8 VDC \pm 20%
- Input current: 8 Amps Max.
- Input fuse: 10 Amps
- Speaker impedance: 11 OHMS Min.
- Operating temperature: -30° C. TO +60° C.
- Storage temperature: -40° C. TO +70° C.
- Humidity: 99% (Non Condensing)
- Output: @15 VDC @11 OHMS 34 V RMS Max.
- Output power: @15 VDC @11 OHMS 105 Watts Max.

EPSSL2S6/EPSSL2S9

- Input voltage: 12.8 VDC \pm 20%
- Input current: @15 VDC @ 5.5 OHMS 16 Amps Max.
- Input fuse: 20 Amps
- Speaker impedance: 5.5 OHMS Min.
- Operating temperature: -30° C. TO +60° C.
- Storage temperature: -40° C. TO +70° C.
- Humidity: 99% (Non Condensing)
- Output voltage: @15 VDC @11 OHMS 34 V RMS Max.
- Output power: @15 VDC @11 OHMS 105 Watts Max.
- Lighting switches: 20 Amps Max.
- Weight: 2 lbs. 11 oz.

EPSSL2S9

- Four position programmable slide switch: Controls three relays so all active positions can activate any combination of the relay outlets 10 AWG Red wire relay input connection
- Relay Outlets: 20 Amps max / 50 Amps combined max



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This Whelen product comes with a...

2 YEAR
WARRANTY

Whelen Engineering reserves the right to upgrade and improve products without notice.
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