295 Series
HANDS-FREE ELECTRONIC SIRENS

When technology takes a step up, so do the engineers at Whelen Engineering Company!
Keep both hands on the wheel, both eyes on the road, and you're still in full control of emergency warning with Whelen electronic sirens.

In "Hands-Free" operation mode, you can turn the siren On, activate Wail, Yelp or Piercer Tones and turn the unit Off from the horn ring without removing hands from the steering wheel.

- Meets/exceeds Class A requirements of SAE, AMECA, KKK1822 & California Title XIII specifications.
- Combination On/Off and horn ring transfer switch.
- 295HFS amplifiers are microprocessor controlled and rated for selectable 100 or 200 watt output standard.
- Models with pre-wired microphones and optional removable unidirectional microphones for easy replacement. Volume control knob standard on some models.
- PTT (Push To Talk) switch on unidirectional microphone over-rides all siren functions.
- Scan-Lock™ Siren Tones (Pat. # RE38,795) allows for user selectable siren tones via momentary recessed switch located on the rear of the unit. Choose the placement of each siren tone on rotary knob.
- All siren functions are backlit in a soft, non-glare light for ease of nighttime visibility.
- Contemporary styling complements most Whelen power controls and Traffic Advisor control consoles for proper aesthetic stacking.
- An adjustable bail bracket allows mounting in a variety of positions. Each self-contained siren amplifier is mounted on a slide out chassis with an integral quick disconnect plug for ease of maintenance or replacement.
- SI TEST®, silent, self-diagnostic indicator of siren or speaker failure, standard on all 295HFS/295SLS Series. Two different real time tests include: Continuous dynamic testing during normal siren operations and a unique silent test, eliminating the need for annoying siren "blasts". During either operation, one or both red LED lamps will extinguish instantly upon sensing a siren or speaker(s) malfunction. SI TEST instantly assures you of proper warning capability and two speaker operation for high risk situations.
- Solid-state over/under voltage shutdown and output short circuit protection.
- Input polarity protection.
- External spade-type fuse.
- Activate siren tones via “Auxiliary Enable” input (slide switch, power controls, or relay-to-ground connection).
- Locking quick disconnect plug for ease of service or replacement.
- 295HFS/295SLS models offer 5 year HDP® (Heavy-Duty Professional) warranty.
- 295SSL models offer 2 year warranty.
295 SERIES HANDS-FREE SIRENS

MODEL 295SL100 & 295SL101

SELF CONTAINED,
100 WATT SIREN with SCAN-LOCK® SIREN TONES

- Economically priced and operates up to two 100 watt speakers.
- Six function siren plus radio repeat and public address.
- 19 Scan-Lock siren tones.
- Meets California Title XIII & SAE J1849 specifications.
- Self-contained unit for under-dash mounting.
- Backward compatible to the original 295HF100 and WS2100 Series connector.
- Two year warranty.
- 19 Scan-Lock siren tones.
- Self-contained unit for under-dash mounting.
- Meets California Title XIII & SAE J1849 specifications.
- 19 Scan-Lock siren tones.
- Selectable 100 or 200 watt output.
- “Park-Kill” feature disables the siren when the vehicle is in park.
- Volume control knob on faceplate standard.
- 21 Scan-Lock Siren Tones.
- SI TEST®, silent diagnostic test.
- 5 year HDP® (Heavy-Duty Professional) warranty.
- 19 Scan-Lock siren tones.
- Self-contained unit for under-dash mounting.
- Meets California Title XIII & SAE J1849 specifications.
- 19 Scan-Lock siren tones.
- Selectable 100 or 200 watt output.
- “Park-Kill” feature disables the siren when the vehicle is in park.
- Volume control knob on faceplate standard.
- 21 Scan-Lock Siren Tones.
- SI TEST®, silent diagnostic test.
- 5 year HDP® (Heavy-Duty Professional) warranty.

Model 295SL100
- Hard-wired microphone.
- Model 295SL101
- Removable microphone and volume control knob.

MODEL 295HFS2

FLUSH MOUNT with REMOTE SIREN AMPLIFIER

- Flush mount control head with selectable 100 or 200 watt output.
- SI TEST®, silent diagnostic test.
- 5 year HDP® (Heavy-Duty Professional) warranty.
- Size, Control Head: 2-7/8” (73mm) H x 6-1/4” (159mm) W x 2-3/8” (60mm) D.
- Weight: 1 lb. (0.5kg).

Amplifier: 2-3/8” (60mm) H x 6” (152mm) W x 7” (178mm) D.
- Weight: 3-1/2 lbs. (1.6kg).

Model 295HFS2X
- 295HFS2 with dual amplifiers.

Model 295HFSDA
- Second amplifier kit for dual siren amplifier use.

MODEL 295HFS4

LIGHTS and SIREN CONTROL,
LOW CURRENT, SURFACE or UNDER-DASH MOUNT with REMOTE SIREN AMPLIFIER

- Nine switch light control, six function siren.
- Selectable 100 or 200 watt output and low current switching.
- Four position slide switch and five push-on/push-off switches and one momentary switch. Slide switch controls three separate primary warning light functions and can be wired to turn on siren in ‘full pursuit’ mode.
- Push-button switches control secondary functions includes LED indicator for operating status.
- SI TEST®, silent diagnostic test.
- Compatible with Whelen Edge® Ultra Freedom™, Liberty™ and Justice® low current lightbars and other lightbars and warning devices, contact factory.
- Choice of 36 press-on legend tabs.
- 5 year HDP® (Heavy-Duty Professional) warranty.
- Size, Control Head: 3-3/8” (86mm) H x 6” (152mm) W x 2-3/8” (60mm) D
- Weight: 1-1/2 lbs.
- Amplifier: 2-3/8” (60mm) H x 6” (152mm) W x 7” (178mm) D
- Weight: 3-1/2 lbs. (1.6kg).

Model 295HFS4
- Hard-wired microphone.
- Model 295HFSDA
- Second amplifier kit for dual siren amplifier use.

MODEL 295HFS3

COMPACT SIZE, SURFACE or UNDER-DASH MOUNT with REMOTE SIREN AMPLIFIER

- Small compact size control head is ideal for situations where space is at a premium.
- Surface or under-dash mount control head with selectable 100 or 200 watt output.
- SI TEST®, silent diagnostic test.
- 5 year HDP® (Heavy-Duty Professional) warranty.
- Size, Control Head: 2” (51mm) H x 6” (152mm) W x 2-3/8” (60mm) D.
- Amplifier: 2-3/8” (60mm) H x 6” (152mm) W x 7” (178mm) D.
- Weight: 3-1/2 lbs. (1.6kg).

Model 295HFS3
- Hard-wired microphone.
- Model 295HFSDA
- Second amplifier kit for dual siren amplifier use.

MODEL 295HFS5

LIGHTS and SIREN CONTROL,
LOW CURRENT, SELF-CONTAINED

- Single, self-contained unit full function siren
- Nine switch light control, six function siren.
- Selectable 100 or 200 watt output and low current switching.
- Four-position, three function slide switch controls three separate primary warning light functions and can be wired to turn on siren in ‘full pursuit’ mode.
- Push-button switches control secondary functions. Five push-on/push-off switches and one momentary programmable switch. Momentary switch is dip switch controlled with four choices (momentary, 8 second timer, latch-on/latch-off or flasher mode).
- “Park-Kill” feature disables the siren tone when the vehicle is in park.
- Timed-Out Relay for shotgun lock, trunk lock, etc. and California tones.
- SI TEST®, silent diagnostic test.
- Choice of 36 press-on legend tabs.
- 5 year HDP® (Heavy-Duty Professional) warranty.
- Size, Control Head: 3-5/16” (84mm) H x 6” (152mm) W x 8-3/8” (213mm) D.
- Weight: 4-1/2 lbs. (2kg).

Model 295HFS5
- Hard-wired microphone.
295 SERIES HANDS-FREE SIRENS

MODEL 295SLSA6

LIGHTS and SIREN CONTROL, HIGH CURRENT, SELF-CONTAINED, SCAN-LOCK SIREN TONES

- Electronic siren and lights controller with 9 individually programmable switches and hard-wired microphone.
- 19 Scan-Lock™ siren tones.
- Each of the 6 push buttons activate one 10 amp output. Slide switch activates a 20 amp circuit and can be wired, via a dip switch, to control a 3 position program pattern. The 6th position push button may be dipswitch set for momentary, 8 second timer, latch-on/latch-off, or flasher modes.
- Controls most standard current applications such as strobe power supplies, headlight and brakelight flashers.
- “Park-Kill” feature disables the siren tone when the vehicle is in park.
- Timed-Out Relay for shotgun lock, trunk lock, etc. and California tones.
- 5 year HDP® (Heavy-Duty Professional) warranty.
- Size, Control Head: 3-5/16” (84mm) H x 6” (152mm) W x 7” (178mm) D.
- Weight: 4-1/2 lbs., (2kg)

Model 295SLSA6 Hard-wired microphone
Model 295SLSC6 Removable microphone

MODEL 295HFSC9

SELF-CONTAINED, FULL FUNCTION, DUAL 200 WATT ELECTRONIC SIREN AMPLIFIER

- Offers the same features as 295HFA7 except it’s self-contained, has a removable microphone and does not include an external fuse.
- Dual or mono sound control, 8 programmable operating profiles, park-kill siren shutdown, radio repeat, mechanical siren and airhorn tones, California Title 13 compliant, short circuit protection.
- External dip switch programmable siren tones.
- SI TEST®, silent diagnostic test.
- “Park-Kill” siren shutdown feature disables the siren tone when the vehicle is in park.
- 5 year HDP® (Heavy-Duty Professional) warranty.
- Size: 2-1/4” (57mm) H x 6” (152mm) W x 7” (177mm) D.
- Weight: 4 lbs., 7 oz. (2kg)

Model 295HFSC9 Removeable microphone.

MODEL 295HFA7

DUAL 200 WATT, FLUSH MOUNT SIREN with REMOTE SIREN AMPLIFIER

- Six function siren plus radio repeat and public address.
- Operates two 100-watt speakers.
- Operates in dual (outputs 2 independent siren tones creating rich harmonic dual tone sound) or mono sound modes.
- External dip switch programmable siren tones.
- PTT (push to talk) switch on microphone overrides all siren functions.
- Removable unidirectional microphone with adjustable microphone volume & adjustable preset radio repeat volume.
- SI TEST®, silent diagnostic test.
- Quick disconnect plug for ease of service or replacement.
- 5 year HDP® (Heavy-Duty Professional) warranty.
- Flush Mount Size: 2-7/8’’ (73mm) H x 6-1/4’’ (159mm) W x 3’’ (76mm) D.
- Amplifier Size: 2-1/4’’ (57mm) H x 9-1/8’’ (232mm) W x 8’’ (203mm) D.
- Weight: 5 lbs. (2.27kg)

Model 295HFA7 Removeable microphone.

Visit www.whelen.com or request information on our complete line of siren amplifies and siren systems.

Alpha™ • Beta™ • CenCom™ • CenCom Gold™
• CanTrol™ • Epsilon™ • Gamma2 • HHS2200 • Howler • Power Airhorn • WPA • WSSC30

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