

# ER-5

Premium Fire & Industrial Tone and Sounder



*ER-5*



*ER-5  
Strobe Combo*

## THE NEW STANDARD FOR **PERFORMANCE** in any environment

The ER-5 is the next generation of premium industrial or fire alarm sounders with 45 different tone options. The ER-5 is housed in a robust fire retardant Type 4/4X/3R/13, IP66 housing ensure the siren is suitable for all general signaling applications including fire, security and process control. For applications with high ambient background noise, combined siren and strobe units are available. The ER series also features second and third activation stages for sounding alternate tones. For applications requiring both a tone and a pre-recorded voice message, the ER-5 can be upgraded to the EV-5, which features user-recordable voice messaging capability. Featuring battle proven designs, maintenance-free hardware and rock-solid quality control, the ER & EV series are the go-to emergency signaling devices for virtually any emergency alerting need.

- ▶ Up to 126 dB peak SPL
- ▶ 45 user selectable tones
- ▶ Integrated Xenon or LED strobe available
- ▶ Hazardous location certified models
- ▶ UL, CSA and cULs approvals
- ▶ IP 66 protection for harsh environments



[mail@SentrySiren.com](mailto:mail@SentrySiren.com)



**Sentry Siren, Inc.**  
2812 N. 9th St.  
Canon City, CO 81212



[www.SentrySiren.com](http://www.SentrySiren.com)  
719-275-8691

# When the message is this important, it pays to be understood.

## 45 Tone Siren



**ER-5**

### Specifications

Alarm tone output: **126dB(A) @ 1 meter** [117dB(A) @ 10ft/3m]  
 No. of alarm tones: **45** (UKOOA/PFEER compliant)  
 Volume controls: Independent control for alarm tones.  
 Effective range: **300m/984ft @ 1KHz**  
 Voltages DC: **24vdc** (10-30vdc), **48vdc** (35-60Vdc)  
 Voltages AC: **24vac**; **115vac**; **230vac** 50/60Hz  
 Ingress protection: **Type 4 / 4X / 3R / 13, Ip66**  
 Rating: **Continuous**  
 Housing material: **UL94V0 & 5VA FR ABS**  
 Housing color: **RAL3000 Red, RAL7038 Grey or White**  
 Fittings: **Stainless Steel**

Cable entries: **2 x M20 clearance gland entries.**  
 Custom configurations also available.  
 Terminals: **0.5 to 4.0mm<sup>2</sup>**  
 Operating temp: **-25° to +55°C [-13° to +131°F]**  
 Storage temp: **-40° to +70°C [-40° to +158°F]**  
 Relative humidity: **90% at 20°C [68°F]**  
 Weight: **DC: 2.10Kg/4.62lbs AC: 2.70kg/5.94lbs**

### Current Consumption

Version:	Voltage:	Current:
DC	10-30V dc	950mA*
AC	115vac	240mA*
AC	230vac	120mA*

\* current at nominal voltage on Tone 1

### Tone table

S 1	Description	S 2	S 3	S 1	Description	S 2	S 3
T 1	340 Hz Continuous	T 2	T 5	T 33	745Hz @ 1Hz Intermittent	T 2	T 5
T 2	800/1000Hz @ 0.25 sec Alternating	T 17	T 5	T 34	1000 & 2000Hz @ 0.5 sec Alternating - Singapore	T 38	T 45
T 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop	T 2	T 5	T 35	420Hz @ 0.625 sec Australian Alert	T 36	T 5
T 4	800/1000Hz @ 1Hz Sweeping	T 6	T 5	T 36	500-1200Hz 3.75sec / 0.25sec. Australian Evac.	T 35	T 5
T 5	2400Hz Continuous	T 3	T 20	T 37	1000Hz Continuous - PFEER Toxic Gas	T 9	T 45
T 6	2400/2900Hz @ 7Hz Sweeping	T 7	T 5	T 38	2000Hz Continuous	T 34	T 45
T 7	2400/2900Hz @ 1Hz Sweeping	T 10	T 5	T 39	800Hz 0.25sec on, 1 sec off Intermittent	T 23	T 17
T 8	500/1200/500Hz @ 0.3Hz Sweeping	T 2	T 5	T 40	544Hz (100mS)/440Hz (400mS) - NF S 32-001	T 31	T 27
T 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	T 15	T 2	T 41	Motor Siren - slow rise to 1200 Hz	T 2	T 5
T 10	2400/2900Hz @ 2Hz Alternating	T 7	T 5	T 42	Motor Siren - slow rise to 800 Hz	T 2	T 5
T 11	1000Hz @ 1Hz Intermittent	T 2	T 5	T 43	1200 Hz Continuous	T 2	T 5
T 12	800/1000Hz @ 0.875Hz Alternating	T 4	T 5	T 44	Motor Siren - slow rise to 2400 Hz	T 2	T 5
T 13	2400Hz @ 1Hz Intermittent	T 15	T 5	T 45	1KHz 1s on, 1s off Intermittent - PFEER Gen. ...	T 38	T 34
T 14	800Hz 0.25sec on, 1 sec off Intermittent	T 4	T 5				
T 15	800Hz Continuous	T 2	T 5				
T 16	660Hz 150mS on, 150mS off Intermittent	T 18	T 5				
T 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001	T 2	T 27				
T 18	660Hz 1.8sec on, 1.8sec off Intermittent	T 2	T 5				
T 19	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48265	T 2	T 5				
T 20	660Hz Continuous	T 2	T 5				
T 21	554Hz/440Hz @ 1Hz Alternating	T 2	T 5				
T 22	544Hz @ 0.875 sec. Intermittent	T 2	T 5				
T 23	800Hz @ 2Hz Intermittent	T 6	T 5				
T 24	800/1000Hz @ 50Hz Sweeping	T 29	T 5				
T 25	2400/2900Hz @ 50Hz Sweeping	T 29	T 5				
T 26	Bell	T 2	T 15				
T 27	554Hz Continuous	T 26	T 5				
T 28	440Hz Continuous	T 2	T 5				
T 29	800/1000Hz @ 7Hz Sweeping	T 7	T 5				
T 30	300Hz Continuous	T 2	T 5				
T 31	660/1200Hz @ 1Hz Sweeping	T 26	T 5				
T 32	Two T chime.	T 26	T 15				



Sentry Siren offers intrinsically safe, explosion-proof, flame-proof and non-sparking alarm horn sounders, PA/GA and mass notification systems for use in both gas and dust atmospheres. Multiple approvals including ATEX, IECEx, UL, cULs, FM, Ex, EAC, ANZEx and INMETRO ensure universal compliance.



UL, CSA, CE and cULs approvals enable Sentry products to be globally specified and many sounders and beacons are CPR compliant, EN54-3 & EN54-23 tested, for fire alarm applications.

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