

EA141 High level audible warning system 141dB(A)

The EA141 is the latest in a new generation of high output electronic sounders from E S which are ideal for wide area and disaster warning applications such as COMAH (Seveso II) Alarm, Toxic Gas Release, Fire, Security, Flood Warning, Tsunami Alert and Civil Defence requiring sound coverage up to 750m.

With a choice of 45 standard warning tones including many of the standard international signals the A141 can offer up to 4 different stages of alarm. A "Hootronic" version of the A141 is also available which replicates the traditional signaling sounds of bells, buzzers, sirens and claxons. By re-playing digital recordings of these products, the Hootronic produces the exact sound but without the reliability and rating problems of electro-mechanical devices. E S has considerable experience in this field and is able to offer full pre and post installation support including assistance with siren selection.

Features

Using four 100W drivers, the A141 produces a powerful sound with an output in excess of 140 dB and is ideal for warning over distances of between 400m and 700m.

The A141 has a lightweight, compact housing designed for easy mounting and is protected to IP65 making it suitable for installation in all locations.

Optional extras include:

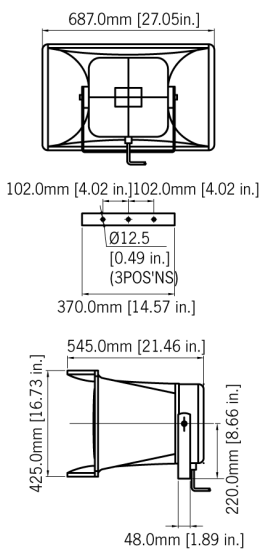
- Custom Tones
- Battery Back Up (giving up to 30 minutes of alarm)
- Radio Control

Approvals

- GOST-R certificate: POCC GB.JB05.H00144

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Specification

Horn unit:

Output:	141dB(A) @ 1m (Tone 2 at nominal voltage +/- 3dB(A)) 112dB(A) @ 30m
Effective distance:	400 to 700m
Dimensions:	(L) 680 X (H) 425 X (D) 550 mm
Operating temp:	-20°C to +55°C [-13° to +131°F]
Weight:	14.0Kg/30.8lbs
Horn Material:	Glass fibre reinforced polstic
Colour:	Grey
Ingress protection:	IP65
Connection:	Supplied with 10m of cable for connection to the control unit as standard. Custom lengths available.
Mounting:	Adjustable U bracket.

Control Panel:

Input voltage DC:	24V dc (18V dc to 30V dc range)
Input voltage AC:	115 or 230V ac (90V to 264V ac range)
Terminals:	0.5 to 4.0mm ² cable
Operating temp:	-20°C to +55°C [-13° to +131°F]
Ingress protection:	IP65
Weight:	2.9Kg/6.38lbs max.

Part Codes

Voltage:	Range:	Part code:	Current:
24V dc	18-30V dc	A141DC24G	13.2A
115V ac	90-264V ac	A141AC230G	4.20A
230V ac	90-264V ac	A141AC230G	1.95A

Other voltages available on request.

Tonetable

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				

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