

# 45 Tone Programmable Alarm Sounder / Combination units



- The featured E2S sounders are available in a Programmable version in all relevant voltages.
- Any of the available 45 tones can be assigned to any stage of the sounder.
- The units also offers a 4th stage option.
- Tone number 40 can be programmed for any continuous frequency tone between 230Hz & 4000Hz (please see the tone table on page 2).
- A silent tone ( tone No. 39 - no volume) may also be assigned on any stage.
- The sounders are programmed or re-programmed using a "RAT" (Remote Access Terminal) pictured below, by simply connecting it to the stage terminals of the sounder's PCB & switching the power on.
- There are no dip switches on the PCB for tone selection as with the standard E2S sounders, which means the tones may not be re-assigned without the use of a "RAT". This may be done at the factory or on site.



Please see individual Technical Specification sheet for each unit for further information.

A112N AlertAlarm  
Output : 119dB(A)  
Industrial Sounder  
& Combination unit



A121 AlertAlarm  
Output : 126dB(A)  
Industrial Sounder  
& Combination unit



MA112 AlertAlarm  
Output : 119dB(A)  
Marine Sounder  
& Combination unit  
MCA112-05



MA121 AlertAlarm  
Output : 126dB(A)  
Marine Sounder  
IP66 & IP67



A140 AlertAlarm  
Output : 140dB(A)  
Disaster Warning  
Sounder



BExS110D & BExS110E  
EEx d & EEx de  
Output : 110dB(A)  
Hazardous Area Sounder



BExS120D & BExS120E  
EEx d & EEx de  
Output : 117dB(A)  
Hazardous Area Sounder

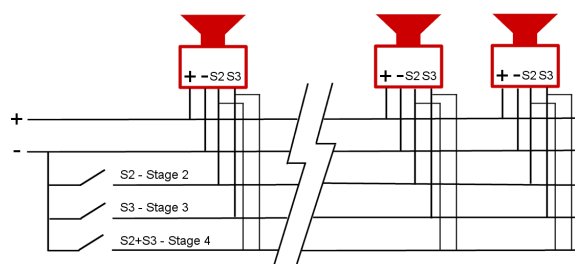


# Stage 1 Frequency Description

# Stage 2,3 & 4

Tone 1	340 Hz Continuous		Any tone no. 1 to 45
Tone 2	800/1000Hz @ 0.25 sec Alternating		Any tone no. 1 to 45
Tone 3	500/1200Hz @ 0.3Hz 0.5 sec Slow Whoop		Any tone no. 1 to 45
Tone 4	800/1000Hz @ 1Hz Sweeping		Any tone no. 1 to 45
Tone 5	2400Hz Continuous		Any tone no. 1 to 45
Tone 6	2400/2900Hz @ 7Hz Sweeping		Any tone no. 1 to 45
Tone 7	2400/2900Hz @ 1Hz Sweeping		Any tone no. 1 to 45
Tone 8	500/1200/500Hz @ 0.3Hz Sweeping		Any tone no. 1 to 45
Tone 9	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.		Any tone no. 1 to 45
Tone 10	2400/2900Hz @ 2Hz Alternating		Any tone no. 1 to 45
Tone 11	1000Hz @ 1Hz Intermittent		Any tone no. 1 to 45
Tone 12	800/1000Hz @ 0.875Hz Alternating		Any tone no. 1 to 45
Tone 13	2400Hz @ 1Hz Intermittent		Any tone no. 1 to 45
Tone 14	800Hz 0.25sec on, 1 sec off Intermittent		Any tone no. 1 to 45
Tone 15	800Hz Continuous		Any tone no. 1 to 45
Tone 16	660Hz 150mS on, 150mS off Intermittent		Any tone no. 1 to 45
Tone 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001		Any tone no. 1 to 45
Tone 18	660Hz 1.8sec on, 1.8sec off Intermittent		Any tone no. 1 to 45
Tone 19	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48-265		Any tone no. 1 to 45
Tone 20	660Hz Continuous		Any tone no. 1 to 45
Tone 21	554Hz/440Hz @ 1Hz Alternating		Any tone no. 1 to 45
Tone 22	544Hz @ 0.875 sec. Intermittent		Any tone no. 1 to 45
Tone 23	800Hz @ 2Hz Intermittent		Any tone no. 1 to 45
Tone 24	800/1000Hz @ 50Hz Sweeping		Any tone no. 1 to 45
Tone 25	2400/2900Hz @ 50Hz Sweeping		Any tone no. 1 to 45
Tone 26	Bell		Any tone no. 1 to 45
Tone 27	554Hz Continuous		Any tone no. 1 to 45
Tone 28	440Hz Continuous		Any tone no. 1 to 45
Tone 29	800/1000Hz @ 7Hz Sweeping		Any tone no. 1 to 45
Tone 30	300Hz Continuous		Any tone no. 1 to 45
Tone 31	660/1200Hz @ 1Hz Sweeping		Any tone no. 1 to 45
Tone 32	Two tone chime.		Any tone no. 1 to 45
Tone 33	745Hz @ 1Hz Intermittent		Any tone no. 1 to 45
Tone 34	1000 & 2000Hz @ 0.5 sec Alternating - Singapore		Any tone no. 1 to 45
Tone 35	420Hz @ 0.625 sec Australian Alert		Any tone no. 1 to 45
Tone 36	500-1200Hz 3.75sec /0.25sec. Australian Evac.		Any tone no. 1 to 45
Tone 37	1000Hz Continuous - PFEER Toxic Gas		Any tone no. 1 to 45
Tone 38	2000Hz Continuous		Any tone no. 1 to 45
Tone 39	Silence		Any tone no. 1 to 45
Tone 40	Custom continuous tone - Contact E2S		Any tone no. 1 to 45
Tone 41	Motor Siren - slow rise to 1200 Hz		Any tone no. 1 to 45
Tone 42	Motor Siren - slow rise to 800 Hz		Any tone no. 1 to 45
Tone 43	1200 Hz Continuous		Any tone no. 1 to 45
Tone 44	Motor Siren - slow rise to 2400 Hz		Any tone no. 1 to 45
Tone 45	1KHz 1s on, 1s off Intermittent - PFEER Gen. Alarm		Any tone no. 1 to 45

DC unit wiring configuration.



AC unit wiring configuration.

