## **Fyreye Mkll Sandwich Sounder**

(MKII-SSB)





# Technical Specification Model MKII-SSB Part Number 80-224 Operating Voltage 17 – 28V DC

Quiescent Current
Alarm Current
Sound Output
Min. Operating Temp.
Operating Temperature

Max Humidity
Ip Rating
Size (mm)
Weight

650µA
5.5mA
Approx 85 dB (See Table)
0°C
-10°C to +55°C
95% RH Non Condensing
IP 21C

100 x 40 (Without Detector)

**Alarm Tone Selection** 

160g

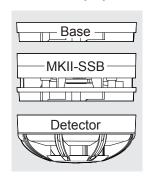
The Sandwich sounder Supports alarm tone selection. The alarm tone can be set for the whole loop via the control panel. One of 16 tones can be chosen for the alarm tone.

## **Description**

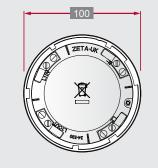
The Fyreye II Sandwich sounder base is a platform sounder that works with the Zeta Fyreye II protocol. The sounder can be triggered from it's detectors remote LED output, allowing the sounders to be triggered individually. It can also be triggered using the Protocol's common sounder group command, meaning that it can be triggered even if it's detector has been removed.

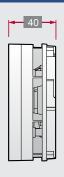
This sounder has been designed to be sandwiched between a common base and an addressable Fyreye

II Detector. All loop cables are terminated at the detector base, with the sounder base clipping onto the common base. The sounder should then be secured with it's grub screw to prevent unauthorised removal. The sounder does not need to be addressed. If it is to be started individually, it is controlled by the detector's remote LED output.



### Dimensions (mm) & Weight (g)





160 9

Tone Description	Pattern	Frequency	Rate	dBA (Reverb. Chamber)
BS Fire (Default Zeta tone)	Alternating	800 & 970	1Hz (500ms-500ms)	96 (+/- 2dB)
BS Fire	Alternating	800 & 970	2Hz (250ms-250ms)	95 (+/- 2dB)
BS Fire	Sweep	800 to 970	1Hz (1 per second)	98 (+/- 2dB)
BS Fire	Sweep	800 to 970	7Hz (7 per second)	99 (+/- 2dB)
BS Fire	Sweep	800 to 970	50Hz (50 per second)	99 (+/- 2dB)
BS Fire	Alternating	510 & 610	1Hz (500ms-500ms)	100 (+/- 2dB)
German fire (DIN 33 404)	Sweep (DIN)	1200 to 500	1Hz	99 (+/- 2dB)
French fire (NFS 32-001)	Alternating	554 & 440	100ms-400ms	95 (+/- 2dB)
Dutch fire (NEN 2575)	Slow whoop	500 to 1200	3.5s sweep, 0.5 s silence, then repeat	98 (+/- 2dB)
PFEER Toxic Gas	Continuous	970	Steady	95 (+/- 2dB)
PFEER alert	Intermittent	970	0.5Hz (1s On/1s Off)	92 (+/- 2dB)
Reserved	-	-	-	-
	BS Fire (Default Zeta tone) BS Fire BS Fire BS Fire BS Fire BS Fire German fire (DIN 33 404) French fire (NFS 32-001) Dutch fire (NEN 2575) PFEER Toxic Gas PFEER alert	BS Fire (Default Zeta tone) Alternating BS Fire Alternating BS Fire Sweep BS Fire Sweep BS Fire Alternating German fire (DIN 33 404) Sweep (DIN) French fire (NFS 32-001) Alternating Dutch fire (NEN 2575) Slow whoop PFEER Toxic Gas Continuous PFEER alert Intermittent	BS Fire (Default Zeta tone)         Alternating         800 & 970           BS Fire         Alternating         800 & 970           BS Fire         Sweep         800 to 970           BS Fire         Sweep         800 to 970           BS Fire         Sweep         800 to 970           BS Fire         Alternating         510 & 610           German fire (DIN 33 404)         Sweep (DIN)         1200 to 500           French fire (NFS 32-001)         Alternating         554 & 440           Dutch fire (NEN 2575)         Slow whoop         500 to 1200           PFEER Toxic Gas         Continuous         970           PFEER alert         Intermittent         970	BS Fire (Default Zeta tone)         Alternating         800 & 970         1Hz (500ms-500ms)           BS Fire         Alternating         800 & 970         2Hz (250ms-250ms)           BS Fire         Sweep         800 to 970         1Hz (1 per second)           BS Fire         Sweep         800 to 970         7Hz (7 per second)           BS Fire         Sweep         800 to 970         50Hz (50 per second)           BS Fire         Alternating         510 & 610         1Hz (500ms-500ms)           German fire (DIN 33 404)         Sweep (DIN)         1200 to 500         1Hz           French fire (NFS 32-001)         Alternating         554 & 440         100ms-400ms           Dutch fire (NEN 2575)         Slow whoop         500 to 1200         3.5s sweep, 0.5 s silence, then repeat           PFEER Toxic Gas         Continuous         970         Steady           PFEER alert         Intermittent         970         0.5Hz (1s On/1s Off)