



VULCAN 2 AS

ADDRESSABLE SOUNDER/BEACON



MADE IN PORTUGAL - EU

GLOBAL FIRE EQUIPMENT S.A.

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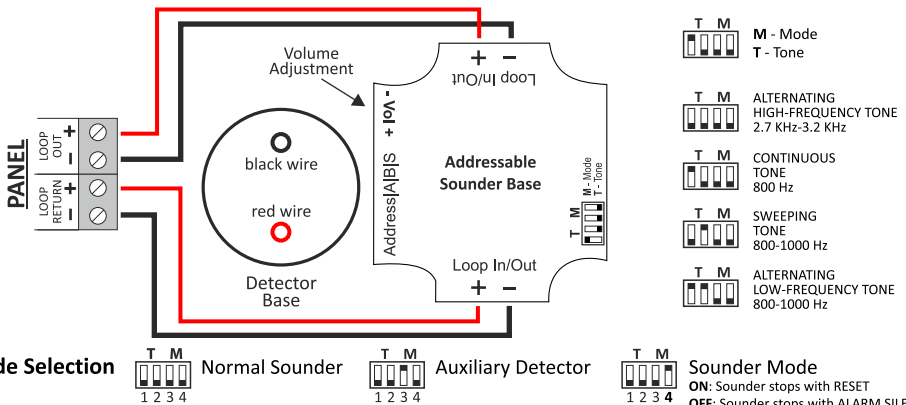
TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered - 20V to 30V DC			
LOOP CURRENT - QUIESCENT	430 uA & 550 uA with isolator			
LOOP CURRENT - SOUNDER/BEACON ACTIVE	SOUNDER	SOUNDER/BEACON	SOUNDER W/ ISOLATOR	SOUNDER/BEACON W/ ISOLATOR
Sweeping Tone 800-1000 Hz	2.5 mA	3.3 mA	2.65 mA	3.45 mA
Alternating High Freq. 2.7-3.2 KHz	5 mA	6.4 mA	5.15 mA	6.55 mA
Continuous Tone 800 Hz	2.5 mA	3.3 mA	2.65 mA	3.45 mA
Alternating Low Freq. 800-1000 Hz	2.5 mA	3.3 mA	2.65 mA	3.45 mA
LOOP CURRENT - BEACON	Beacon 2.5 mA - Beacon with isolator 2.7 mA			
MAXIMUM SOUNDER OUTPUT / CABLE SIZE	97dB (@ 1 meter - 30V DC) / 0.5-2.5 mm ²			
SENSITIVITY / PROTECTION	According to EN54-3 / IP21C - Type A - Indoor Use			
RESET/START-UP TIMES	20 seconds max.			
COLOUR / CASE MATERIAL	White / ABS - Transparent PC			
OPER. TEMPERATURE / MAX. HUMIDITY	-10°C to 55°C / 95% RH Non-Condensing			
DIMENSIONS / WEIGHT	100 (D) x 50 (H) mm inc. base / 144 g with Lid			

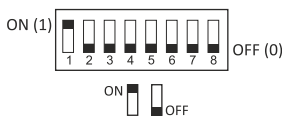
For EN54-13 compliance, please check the control panel manual specifications.

ORDER CODE	DESCRIPTION	CERTIFICATE
VULCAN 2 AS	ADDRESSABLE BASE SOUNDER	1328-CPR-0288 0359-UKCA-CPR-00195
VULCAN 2 ASI	ADDRESSABLE BASE SOUNDER WITH ISOLATOR	
VULCAN 2 ASB	ADDRESSABLE BASE SOUNDER WITH BEACON	
VULCAN 2 ASBI	ADDRESSABLE BASE SOUNDER WITH BEACON WITH ISOLATOR	-
VULCAN 2 AB	ADDRESSABLE BEACON	-
VULCAN 2 ABI	ADDRESSABLE BEACON WITH ISOLATOR	-
VULCAN 2 L	LID	-
VULCAN 2 LT	TRANSPARENT LID	-

CONNECTIONS AND TONE/MODE SETTINGS



D.I.L. SWITCHES CONFIGURATION



Switches 1-5
 Used to configure the Sounder/Beacon Address

Switch 6
 Only used for Auxiliary Sounders Address

Switch 7
OFF Beacon stops with ALARM SILENCE
ON Beacon stops with RESET

Address Switches
 Binary Weights

1 ON = 1	4 ON = 8
2 ON = 2	5 ON = 16
3 ON = 4	6 ON = 32

Sounder Type
Switch 8

OFF = Shadow
ON = Normal

































INSTALLATION

SHADOW Sounder/Beacon - The VULCAN 2 Addressable Sounder/Beacon can be configured as a Shadow Sounder/Beacon using the 8 - way D.I.L. switch provided. A Shadow Sounder/Beacon does not have an individual address thus freeing up addresses for more detection devices. Shadow Sounders/Beacons do not report back to the control panel so their presence on the Loop is not monitored, however they do draw current from the Loop and must be included in Loop load calculations. The number of combined Sounder/Beacons connected to a Loop should not exceed 64, or 96 in the case of a Beacon or Sounder only.


































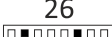




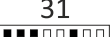



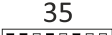


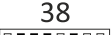
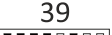





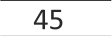



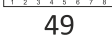
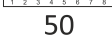
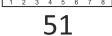
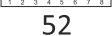
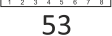
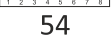
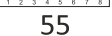
AUXILIARY Sounder/Beacon - When the VULCAN 2 is configured as an Auxiliary device the Sounder/Beacon shares the same address as the detector with which it is co-located. Configuration of this mode is done via the 4 way D.I.L. switch provided. When operating in this mode the VULCAN 2 monitors the Address loop for the command from the control panel to the detector to illuminate it's LED. When this command is received the VULCAN 2 is also activated. If a Fire is confirmed the remaining sounders may be activated using the Evacuate command. This reduces the inconvenience to other guests in the event of a False alarm while at the same time giving early warning to the occupant of the room in the case of an actual Fire event. Pressing Sounder silence at the panel silences all active sounders.

The maximum number of Auxiliary Sounder/Beacons is 63 and they can be allocated between address 1 and 63.

SOUNDER/ BEACON ADDRESS SETTINGS

 94	 95	 96	 97	 98	 99	 100	 101
 102	 103	 104	 105	 106	 107	 108	 109
 110	 111	 112	 113	 114	 115	 116	 117
 118	 119	 120	 121	 122	 123	 124	 125

AUXILIARY SOUNDER/ BEACON ADDRESS SETTINGS

 01	 02	 03	 04	 05	 06	 07	 08
 09	 10	 11	 12	 13	 14	 15	 16
 17	 18	 19	 20	 21	 22	 23	 24
 25	 26	 27	 28	 29	 30	 31	 32
 33	 34	 35	 36	 37	 38	 39	 40
 41	 42	 43	 44	 45	 46	 47	 48
 49	 50	 51	 52	 53	 54	 55	 56
 57	 58	 59	 60	 61	 62	 63	