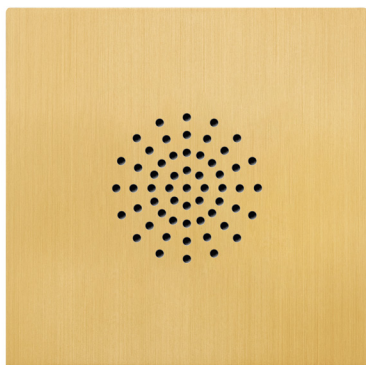


Renaissance collection *Sounder*



### Description

The innovative design provides an excellent combination of high sound output and attractive aesthetics, ideal for retail, hotel and residential applications.

### Features

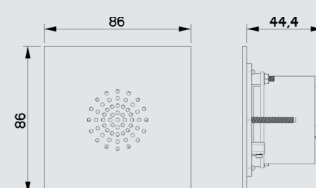
- 32 tones user selectable
- Two stage alarm
- Improved tone clarity, reducing confusion

### Standards and approvals

CE and UKCA marked

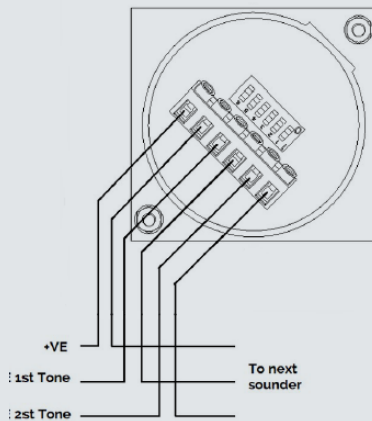
### Technical specification

<b>Rated voltage</b>	9-15 Vdc 18-28 Vdc
<b>Current</b>	18 mA (Typical Tone 3)
<b>Sound Output</b>	97 dB(A) (Tone 3)
<b>Volume Control</b>	10 dB
<b>Tones</b>	32
<b>Monitoring</b>	Reverse Polarity
<b>Recommended box</b>	47 mm metal box to BS 4662
<b>IP rating</b>	IP2XC
<b>IP rating (plate removed)</b>	IP2X
<b>Single plate dimensions</b>	86mm x 86mm



# Technical specification cont.

						@20°C		
						mA	dB(A)	Min SPL @ 28Vdc @ Max Volume @ Loudest node dB(A)
1	14	11111		800 & 970Hz	2Hz (250ms-250ms)	18	95	*
2	14	11110		800 & 970Hz	7Hz (7/s)	18	97	*
3	14	11101		800 & 970Hz	1Hz (1/s)	18	97	94
4	14	11100		2850Hz	Steady	32	105	*
5	4	11011		2400 ~ 2850Hz	7Hz	30	106	*
6	4	11010		2400 ~ 2850Hz	1Hz	30	106	*
7	14	11001		500 ~ 1200Hz	3s Sweep, 0.5s silence, then repeat	20	96	94
8	14	11000		1200 ~ 500Hz	1Hz	16	95	93
9	4	10111		2400 & 2850Hz	2Hz (250ms-250ms)	30	105	*
10	14	10110		970Hz	0.5Hz (1s On / 1s Off)	12	93	*
11	4	10101		800 & 970Hz	1Hz (500ms~500ms)	18	95	*
12	4	10100		2850Hz	0.5Hz (1s On / 1s Off)	24	105	*
13	14	10011		970Hz	0.8Hz (250ms On / 1s Off)	8	90	*
14	14	10010		970Hz	Steady	20	94	95
15	14	10001		554 & 440Hz	100ms ~ 400ms	12	91	*
16	16	10000		660Hz	3.3Hz (150ms On / 150ms Off)	9	88	*
17	17	01111		660Hz	0.28Hz (1.8s On / 1.8s Off)	12	90	*
18	18	01110		660Hz	0.05Hz (13s Off / 6.5Hz On)	14	91	*
19	19	01101		660Hz	Steady	14	91	*
20	20	01100		554 & 440Hz	0.5Hz (1s On / 1s Off)	13	91	*
21	21	01011		660Hz	1Hz (500ms ~ 500ms)	10	89	*
22	14	01010		2850Hz	4Hz (150ms On / 100ms Off)	22	105	*
23	14	01001		800 ~ 970Hz	50Hz	18	96	*
24	4	01000		2400 ~ 2850Hz	50Hz	25	106	*
25	25	00111		970Hz	3 x 500ms pulses followed by 1.5s silence then repeat	14	92	*
26	26	00110		2850Hz	3 x 500ms pulses followed by 1.5s silence then repeat	20	104	*
27	27	00101		4000Hz	Steady	35	101	*
28	10	00100		800 & 970Hz	2Hz (250ms ~ 250ms)	17	95	*
29	33	00011		990 & 650Hz	2Hz (250ms ~ 250ms) (Symphoni Tones)	17	97	94
30	35	00010		510 & 610Hz	2Hz (250ms ~ 250ms) (Squashni Micro Tones)	12	98	94
31	31	00001		300 ~ 1200Hz	1Hz	13	96	*
32	32	00000		4000Hz	Steady	12	99	*



## Dip Switch Settings

1 Volume control

2-6 Tone control ref. table above

## Finishes technical specification

### Canvas



Plate material	2.5mm CZ108 brass
Finish applied on plate	Canvas, primed white ready for customer's own finish
Screw type	Screwless
Plate prefix	RCN
Standard insert trim colour	NA
Standard rocker finish	NA

### Ochre

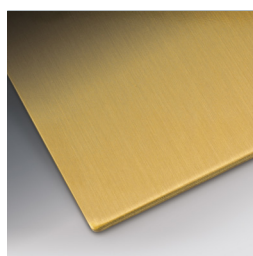


Plate material	2.5mm CZ108 brass
Finish applied on plate	Ochre, brushed grain finish with matt lacquer protection
Screw type	Screwless
Plate prefix	ROC
Standard insert trim colour	NA
Standard rocker finish	NA

### Roma



Plate material	2.5mm CZ108 brass
Finish applied on plate	Roma, brushed grain finish with matt lacquer protection
Screw type	Screwless
Plate prefix	RRO
Standard insert trim colour	NA
Standard rocker finish	NA

### Sienna



Plate material	2.5mm CZ108 brass
Finish applied on plate	Sienna, brushed grain finish with matt lacquer protection
Screw type	Screwless
Plate prefix	RSI
Standard insert trim colour	NA
Standard rocker finish	NA

### Umber

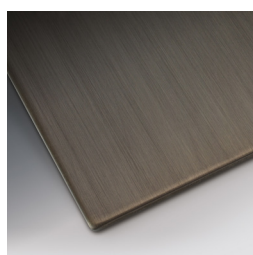


Plate material	2.5mm CZ108 brass
Finish applied on plate	Umber, brushed grain finish with matt lacquer protection
Screw type	Screwless
Plate prefix	RUM
Standard insert trim colour	NA
Standard rocker finish	NA

## Plate care instructions

These finishes are protected by a matt lacquer (except Canvas). These plates must only be cleaned with a wax-based polish applied with a soft, dry cloth. Under no circumstances should abrasive/solvent polishes or paint removing solvents/treatments be used. Under most conditions the lacquer finish guarantees full protection.

## Fitting of products

Installation on wet plaster or paint should be avoided at all times. All electrical products must be fitted by a fully qualified electrician, failure to adhere to this will void any warranty on the products.

## Bespoke accessories

Focus SB can produce and manufacture bespoke accessories including combination plates and various multi gang plates to meet your exact requirements in this range please contact one of our product consultants for further details.

## Interiors

All interiors are designed to run on British Standard 230 V. Non-UK standard interiors are available upon specific request, please contact one of our product consultants for further details.

This product is suitable for UK metal flush boxes to BS 4662, dry liner boxes and boxes with internal intumescent pads are not recommended. Boxes, plates and grids must be earthed and if fitted outside the UK permission/approval must be obtained by the local or national electricity supplier and/or approvals authority.

## Warranty

5-year manufactures warranty against mechanical or electrical fault.

Refer to the standard terms & conditions of sale Clause 5 (as found at [www.focus-sb.co.uk/terms](http://www.focus-sb.co.uk/terms)).

## Contact details

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