

# B400SND Signalling Horn

The B400SND is a 110 dB(A) high output signalling horn suitable for a variety of general signalling applications. The B400SND reproduces the alert sound of traditional electro-mechanical equivalents but without any of the reliability issues. In addition to the 'buzzer' type sound the unit features a further two alarm sounds. All first stage sounds have a remotely selectable second stage.

The B400SND is a component of the Spectra range and can be configured with the B350 or B450 traffic light beacons for complete audio-visual signalling.

## Features:

- Bayonet fixing body.
- Anti-tamper locking screw.
- Stainless steel fixings.
- Multiple cable entries
- Compatible with B350 and B450 traffic light series

## Part codes:

Version:	Part code:
10-30V ac/dc	B400SND030G
40-260V ac/dc	B400SND230G

## Mounting brackets:

MB-B450T-S	Mounting bracket kit for a single B400SND/B450 type unit.
MB-B450T-M	Mounting bracket kit for linked multiple B400SND/B450 units.





**Specification:**

No. of tones:	3
Output:	110 dB(A) @ 1m
Stages:	Remotely selectable second stage
Mounting:	Surface mount (wall bracket available)
Entries:	1 x 5-7mm push through grommet 2 x M20 cable entry
Dimensions:	ø140 x 120mm
Ingress protection:	IP65
Housing material:	High impact UL94 V0 (f1) PC
Terminals:	0.5 to 1.5mm <sup>2</sup>
Operating temperature:	-25 to +50°C
Storage temperature:	-40 to +70°C
Relative humidity:	90% at 20°C.

\*SPL data +/-3dB(A). Measured at optimum voltage.

**Current consumption:**

Version:	Voltage:	Current mA:
10-30V dc/ac	12V dc	52mA
10-30V dc/ac	24V dc	105mA
40-260V dc/ac	48V dc	42mA
10-30V dc/ac	12V ac 50/60Hz	115mA
10-30V dc/ac	24V ac 50Hz	215mA
40-260V dc/ac	48V ac 50/60Hz	68mA
40-260V dc/ac	115V dc	16mA
40-260V dc/ac	230V dc	8mA
40-260V dc/ac	115V ac 50/60Hz	36mA
40-260V dc/ac	230V ac 50/60Hz	18mA

**Tone table:**

Tone:	Description:	SPL (dB(A) @ 1m):	Second stage tone:
1	Buzzer Sound	110 dB(A)	Tone 2
2	1200/500Hz @ 1Hz - DIN	109 dB(A)	Tone 1
3	800/1000Hz & 7Hz	109 dB(A)	Tone 2

\* All SPL data is at nominal voltage and +/-3dB(A) .

