

# VANDALPROOF METAL CABINET LOUDSPEAKERS

## › SENTRY6ST/EN › SENTRY6ST/ENC

EN54-24



### TECHNICAL SPECIFICATIONS

EN54-24:2008

Certificate No: 0359-CPD-0163 TYPE A

#### ELECTRICAL

Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms 100V	1.67k/3.33k/6.66k/13.3k/40k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	180 - 18K
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1KHz	70
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	93
S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz	77
S.P.L. @ 1m, Full power, Test Signal Bandwidth 100Hz-10kHz	99
Dispersion at 1k/2k Hz, Degrees	170/120

#### ENVIRONMENTAL

IP Rating	52
Max/Min Ambient Temp	55°/-10°C
Relative Humidity	≤95%

#### MECHANICAL

Dimensions, WxHxD mm	190x190x75
Net Weight, Kgs	1.8
Colour (Unless Specified)	White RAL9016
Material	Steel front, die cast back box
Mounting	Screw

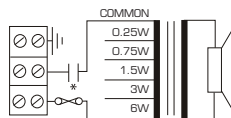
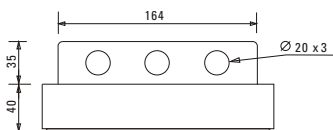
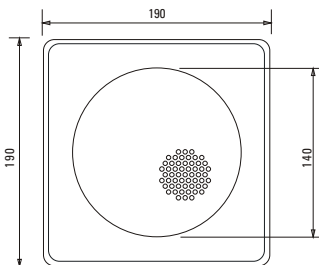
- › SENTRY6ST/ENC is supplied with capacitor for DC line monitoring
- › SENTRY6ST/EN & C is BS5839 Part B Compliant
- › Recommended for internal use only

Manufacturer reserves the right to alter specifications without notice

February 2017

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SENTRY6ST/EN  
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\*with capacitor

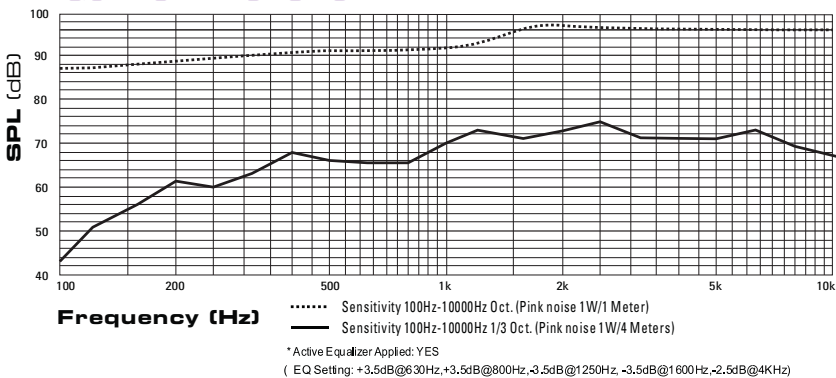
## WITH TRANSFORMER: 100V/70V LINE

	WHITE WIRE PLUS TAPPING					BLACK
100V	0.25W	0.75W	1.5W	3W	6W	COM
70V	0.125W	0.375W	0.75W	1.5W	3W	COM
IMP (Ω)	39.9K	13.3K	6.66K	3.33K	1.67K	

## DISPERSION ANGLES

		HORIZONTAL	VERTICAL
<b>1 OCT.PINK NOISE</b>	500 Hz	180°	180°
<b>1 OCT.PINK NOISE</b>	1K Hz	170°	170°
<b>1 OCT.PINK NOISE</b>	2K Hz	120°	120°
<b>1 OCT.PINK NOISE</b>	4K Hz	90°	90°

## FREQUENCY RESPONSE



The SENTRY6ST/EN & SENTRY6ST/ENC have been tested for 100 hours at a maximum power of 6W. Both units did not deviate by more than +/- 3dB. The frequency response and impedance curves remained constant throughout the test period. All results are in full compliance with the requirements of EN54-24



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