

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/39.9k
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	21
Max/Min Amb Temp	55°/-10°C
Relative Humidity	≤95%

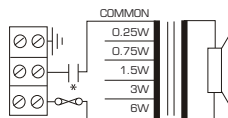
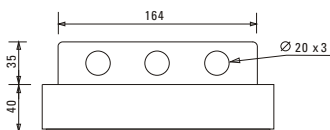
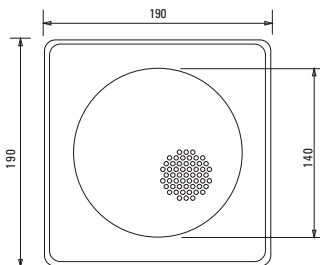
MECHANICAL

Dimensions, WxHxD mm	190x190x175
Net Weight, Kgs	1.8
Colour (Unless Specified)	RAL9016
Material	Steel front, die cast back box
Mounting	Screw

➤ SENTRY6ST/ENC is supplied with capacitor for DC line monitoring

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SENTRY6ST/EN
SENTRY6ST/ENC
*with capacitor

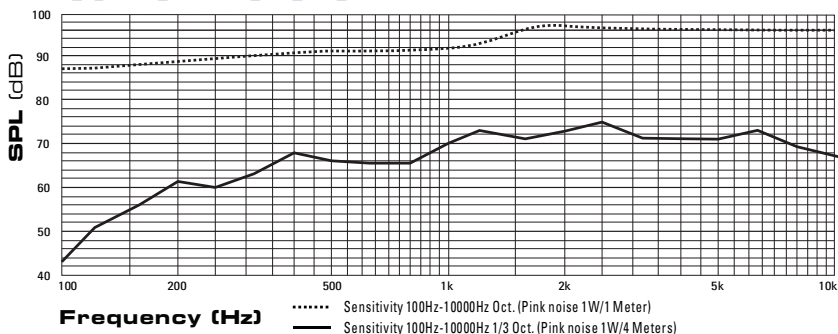
WITH TRANSFORMER: 100V/70V LINE

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

DISPERSION ANGLES

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

FREQUENCY RESPONSE



* Active Equalizer Applied: YES

(EQ Setting: +3.5dB@630Hz, +3.5dB@800Hz, -3.5dB@1250Hz, -3.5dB@1600Hz, -2.5dB@4KHz)

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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