

VANDALPROOF METAL CABINET LOUDSPEAKERS

› SENTRY6RT/EN › SENTRY6RT/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 (BS EN60268-5)	250 - 18K
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1KHz	65
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	90
S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz	82
S.P.L. @ 1m, Full power, Test Signal Bandwidth 100Hz-10kHz	97
Dispersion at 1k/2k Hz, Degrees	140/110

ENVIRONMENTAL

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

MECHANICAL

Dimensions, Front Dia x D mm	194 x 75
Net Weight, Kgs	1.5
Colour (Unless Specified)	White RAL9016
Material	Steel front, die cast back box
Mounting	Screw

- ① SENTRY6RT/ENC is supplied with capacitor for DC line monitoring
- ② SENTRY6RT/EN & C are BS5839 Part 8 Compliant
- ③ Recommended for internal use only

Manufacturer reserves the right to alter specifications without notice

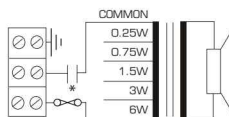
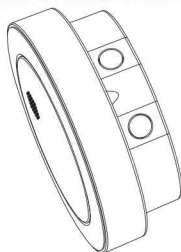
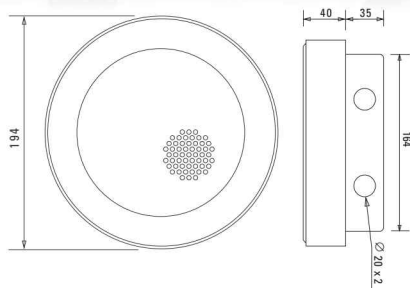
September 2016

SENTRY6RT/EN

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SENTRY6RT/EN
SENTRY6RT/ENC
*with capacitor

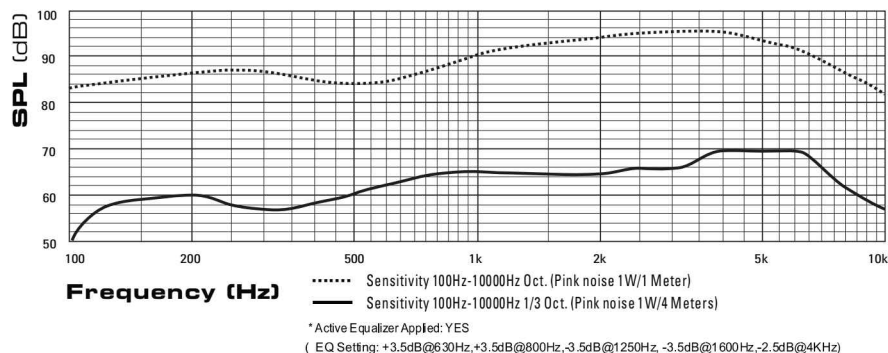
WITH TRANSFORMER: 100V/70V LINE

	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
1 OCT. PINK NOISE	500 Hz	180°	180°
1 OCT. PINK NOISE	1K Hz	140°	140°
1 OCT. PINK NOISE	2K Hz	110°	110°
1 OCT. PINK NOISE	4K Hz	100°	100°

FREQUENCY RESPONSE



The SENTRY6RT/EN & SENTRY6RT/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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RoHS

