

# 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 (BSEN60268-5)	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

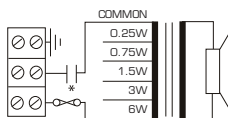
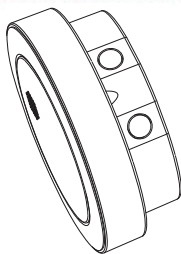
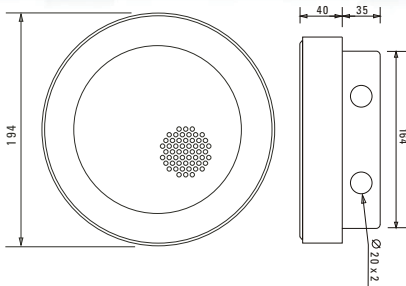
September 2016

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### EN54-24



SENTRY6RT/EN  
SENTRY6RT/ENC  
\*with capacitor

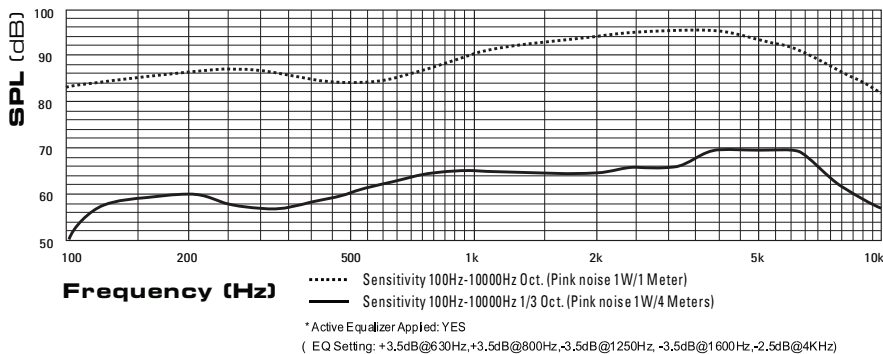
### WITH TRANSFORMER: 100V/70V LINE

	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
<b>1 OCT. PINK NOISE</b>	500 Hz	180°	180°
<b>1 OCT. PINK NOISE</b>	1K Hz	140°	140°
<b>1 OCT. PINK NOISE</b>	2K Hz	110°	110°
<b>1 OCT. PINK NOISE</b>	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

