VANDALPROOF METAL CABINET LOUDSPEAKER

PENTON

SENTRY6/RTC

The SENTRY6/RTC is a round, anti-vandal protected metal housing speaker, made of high-quality plastic coated quality steel. It contains a special chassis, covering a wider frequency range, making it ideal for both good voice and high quality music reproduction. The robust and aesthetic SENTRY6/RTC can work on both fixed ceilings as well as on walls. Supplied with two pre-punched shots for cable glands, it offers the installer the opportunity of looping through and can thus save time and costs during assembly.
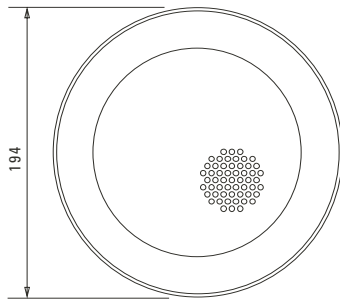
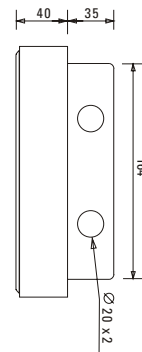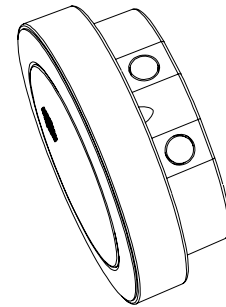|	
● **Standard**	Compliant to BS 5839:8
● **Electrical**	
Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms 100V	1.67k/3.33k/6.66k/13.3k/39.9k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	250 - 18,000
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	90
S.P.L. @ Full power Octave Bandwidth, dB	97
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	87/87
Dispersion at 1k/2k Hz, Degrees	140/110
Directivity Axial Q factor, 1 k/2kHz	4.6/6.7
● **Environmental**	
IP Rating	n/a
Min/Max amb temp	-10℃ to 55℃
Relative Humidity	n/a
● **Mechanical**	
Dimensions, front & depth, mm	Ø194x75
Net weight, kg	1.5
Colour/Finish	White RAL9016
Material	Steel Front, Die cast back box
Mounting	Screws
Safety	Ceramic Block Thermal Fuse Capacitor for DC-Line monitoring

INSTALLATION GUIDE
SENTRY6/RTC

PENTON

Front view
(unit: mm)

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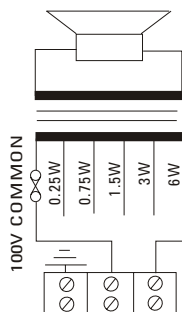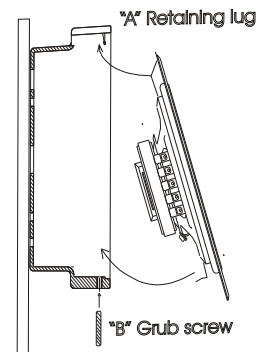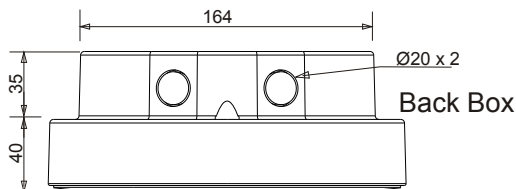### Top view
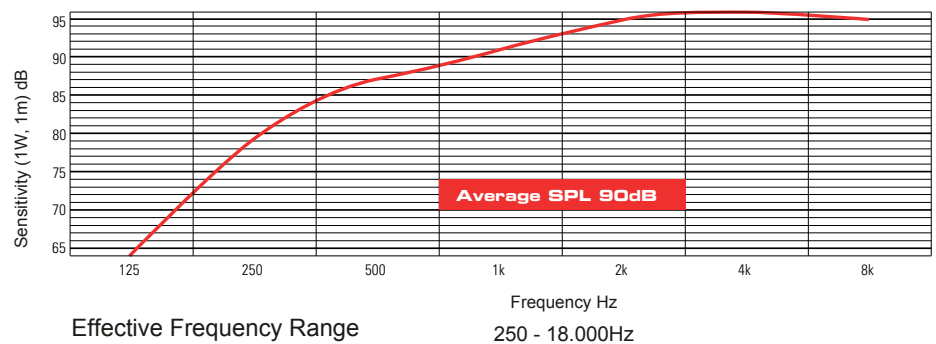(unit: mm)

40 | 35

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Ø 20 x 2

Isogonal view

1) You can cable this unit via either the cable hole in the back of the unit or by using the 20mm cable entries at the top of the back box. Secure the back box to a flat surface using the fixing holes provided.

2) Once you have brought the cable through the back box, terminate to the ceramic block and select the required power setting, See cirucit diagram . Slot the speaker plate under the retaining lug "A" and locate speaker into the back box. Tighten the grub screw "B" to secure the unit in place.

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35

40

Ø20 x 2

Back Box

"A" Retaining lug

"B" Grub screw

100V COMMON | 0.25W | 0.75W | 1.5W | 3W | 6W

Circuit Diagram

Frequency response

Sensitivity (1W, 1m) dB

95
90
85
80
75
70
65

125 | 250 | 500 | 1k | 2k | 4k | 8k

Average SPL 90dB

Frequency Hz

Effective Frequency Range

250 - 18.000Hz

Disclaimer: We reserve the right of changes and errors.

RoHS CE

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