

# MOULDED CABINET LOUDSPEAKERS

- PWC6T/EN
- PWC6T/ENC

EN54-24



## TECHNICAL SPECIFICATIONS

EN54-24:2008

Certificate No: 0359-CPD-0167 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)	220-18,500
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1KHz	67
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	92
S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz	71
S.P.L. @ 1m, Full power, Test Signal Bandwidth 100Hz-10kHz	100
Dispersion at 1k/2k Hz, Degrees	115/104

### ENVIRONMENTAL

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

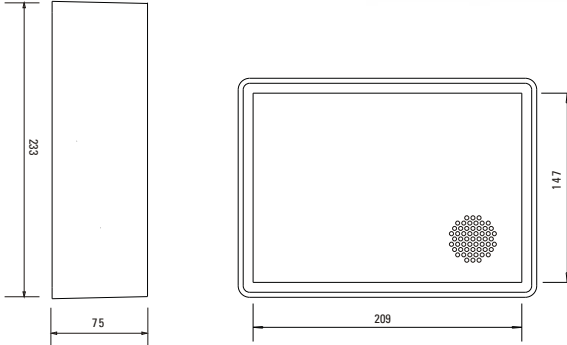
### MECHANICAL

Dimensions, WxHxD mm	233x168x75
Net Weight, Kgs	1.05
Colour (Unless Specified)	RAL 9016
Material	Low smoke zero Halogen UL-94V0 Plastic with UV inhibitors
Mounting	2x Screws

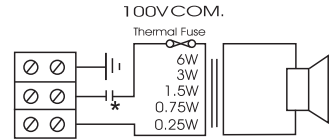
- PWC6T/ENC is supplied with capacitor for DC line monitoring

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### CIRCUIT DIAGRAM



PWC6T/ENC  
\*with capacitor

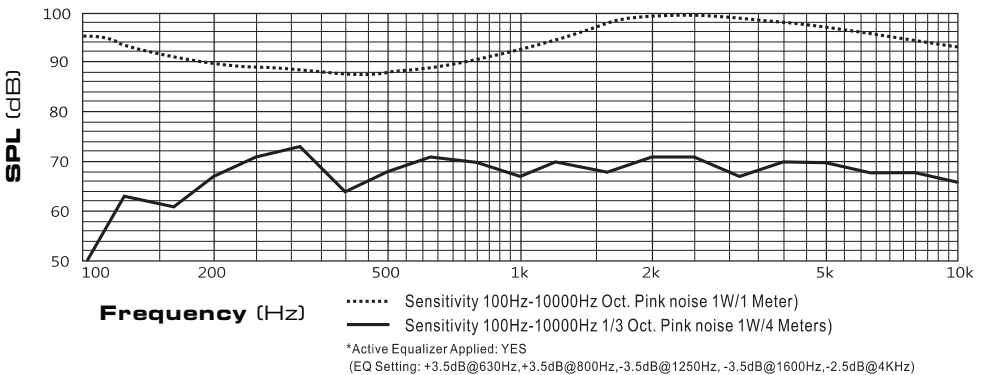
### WITH TRANSFORMER: 100V/70V LINE

	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	219°	221°
<b>1 OCT. PINK NOISE</b>	1K Hz	167°	115°
<b>1 OCT. PINK NOISE</b>	2K Hz	89°	104°
<b>1 OCT. PINK NOISE</b>	4K Hz	125°	127°

### FREQUENCY RESPONSE



PWC6T/EN and PWC6T/ENC have been tested in 100 hours max power (6W). The model does not deviate by more than  $\pm 3$ dB from the original test value. The frequency response curve and impedance complies with the original one. All SPL tests are performed in an anechoic chamber (<70m<sup>3</sup>)



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