

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, 1 watt, dB, 1/3 Octave, 1KHz	67
S.P.L. @ 1m, 1 watt, 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 Ambient Temp	55°/-10°C
Relative Humidity	≤95%

MECHANICAL

Dimensions, WxHxD mm	231x169x75
Net Weight, Kgs	1.05
Colour (Unless Specified)	White RAL9016
Material	Low smoke zero Halogen UL-94V0 Plastic with UV inhibitors
Mounting	2x Screws

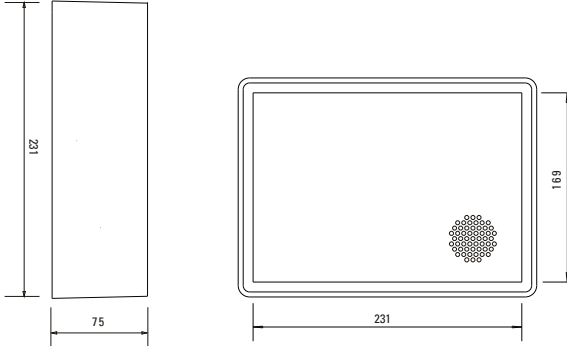
- PWC6T/ENC is supplied with capacitor for DC line monitoring
- PWC6T/EN & C is BS5839 Part 8 Compliant
- Recommended for internal use only

Manufacturer reserves the right to alter specifications without notice

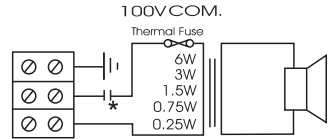
September 2019

PWC6T/EN PWC6T/ENC

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CIRCUIT DIAGRAM



PWC6T/ENC
*with capacitor

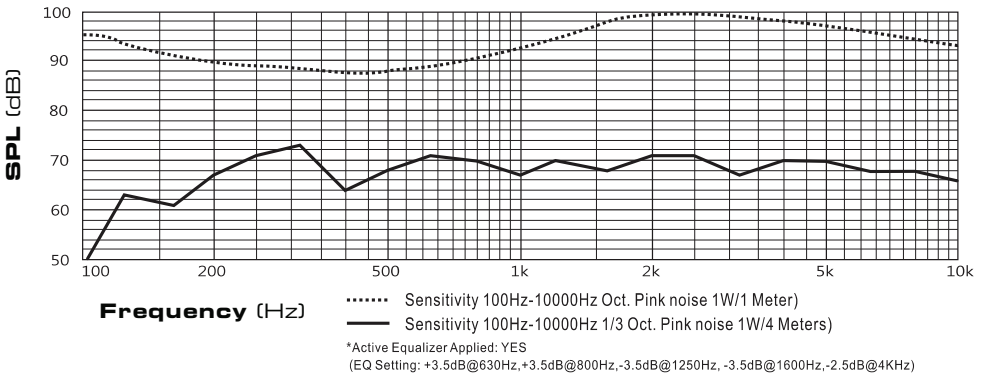
WITH TRANSFORMER: 100V/70V LINE

	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
1 OCT. PINK NOISE	500 Hz	219°	221°
1 OCT. PINK NOISE	1K Hz	167°	115°
1 OCT. PINK NOISE	2K Hz	89°	104°
1 OCT. PINK NOISE	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 ± 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 (<70m³)



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