

# 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

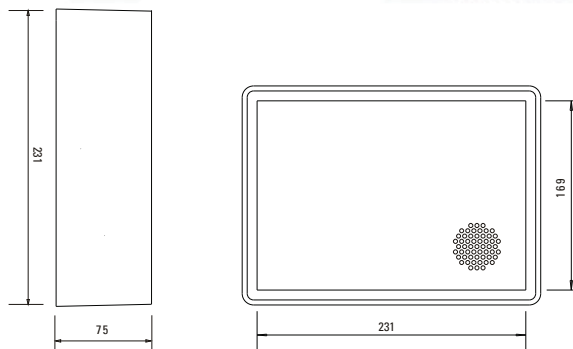
- PWC6T/ENC is supplied with capacitor for DC line monitoring
- PWC6T/EN & C is BS5839 Part 8 Compliant
- Recommended for internal use only

Manufacturer reserves the right to alter specifications without notice

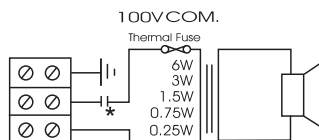
September 2019

# PWC6T/EN PWC6T/ENC

## MOULDED CABINET LOUDSPEAKERS



### CIRCUIT DIAGRAM



PWC6T/ENC  
\*with capacitor

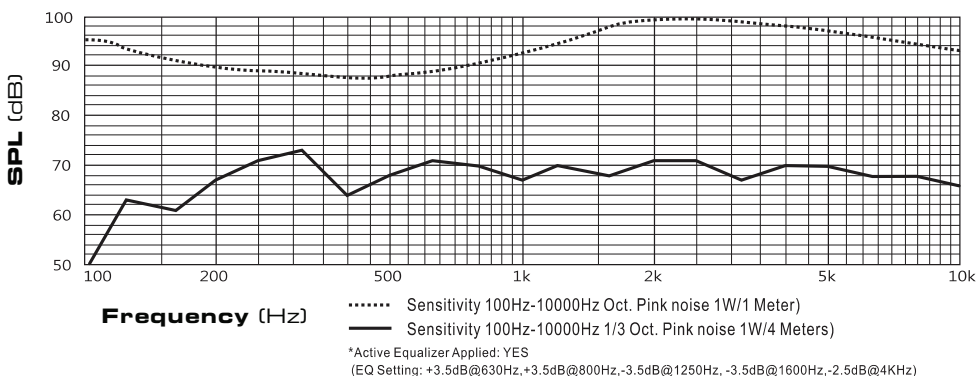
### WITH TRANSFORMER: 100V/70V LINE

	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  $\pm 3$ 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>)



### Penton UK Ltd

Unit 2 Teville Industrials | Dominion Way | Worthing | West Sussex | BN14 8NW

T: +44 (0)1903 215315 | F: +44(0)1903 215415 | E: SALES@PENTONUK.CO.UK

[www.pentonuk.co.uk](http://www.pentonuk.co.uk)

