

MOULDED CABINET LOUDSPEAKERS

➤ APC4T/EN ➤ APC4T/ENC

EN54-24



TECHNICAL SPECIFICATIONS

EN54-24:2008

Certificate No: 0359-CPR-0148 TYPE A

ELECTRICAL

Rated power, Watts	4
Tappings 100 volt line, Watts	4 / 2 / 1 / 0.5
Transformer Impedance, Ohms 100V	2.5k / 5k / 10k / 20k
Tappings 70.7 volt line, Watts	2 / 1 / 0.5 / 0.25
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	120-18,000
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1KHz	68
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	85
S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz	74
S.P.L. @ 1m, Full power, Test Signal Bandwidth 100Hz-10kHz	91
Dispersion at 1k/2k Hz, Degrees	205/161 Horizontal 221/199 Vertical

ENVIRONMENTAL

IP-Rating	44
Max/Min Amb Temp	70°/-25°C
Relative Humidity	≤95%

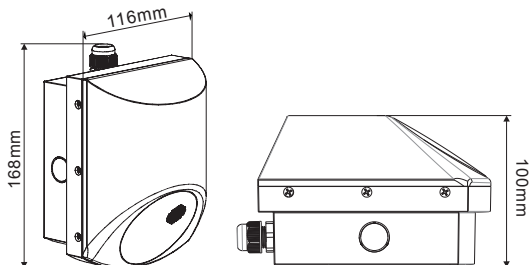
MECHANICAL

Dimensions, WxHxD mm	168 x 116 x 100
Net Weight, Kgs	1.0
Colour (Unless Specified)	RAL9016
Material	Low smoke zero halogen UL-94V0 Plastic with UV inhibitors
Mounting	4 x screw fixings

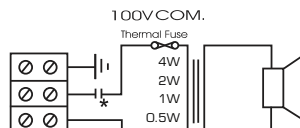
➤ APC4T/ENC is supplied with capacitor for DC line monitoring

APC4T/EN APC4T/ENC

MOULDED CABINET LOUDSPEAKERS



CIRCUIT DIAGRAM



APC4T/ENC
*with capacitor

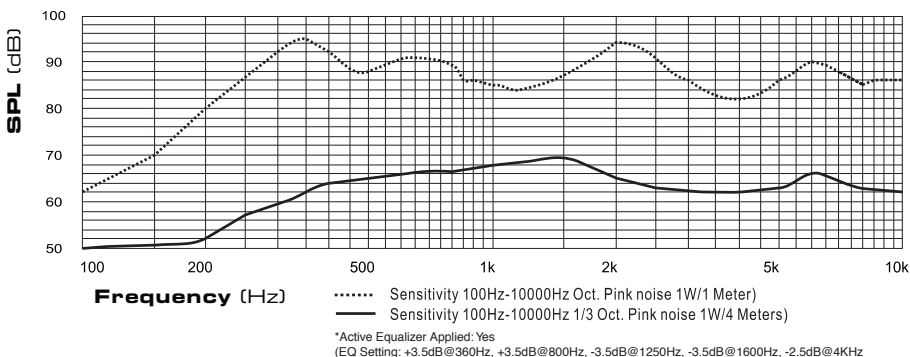
WITH TRANSFORMER: 100V/70V LINE

	WHITE WIRE PLUS TAPPING					BLACK
100V	0.5W	1W	2W	4W	COM	
70V	0.25W	0.5W	1W	2W	COM	
IMP (Ω)	20K	10K	5K	2.5K		

DISPERSION ANGLES

		HORIZONTAL	VERTICAL
1 OCT. PINK NOISE	500 Hz	360°	360°
1 OCT. PINK NOISE	1K Hz	205°	221°
1 OCT. PINK NOISE	2K Hz	162°	199°
1 OCT. PINK NOISE	4K Hz	124°	99°

FREQUENCY RESPONSE



APC4BT/EN & APC4BT/ENC have been tested in 100 hours max power (4W). 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)



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



RoHS

