

MOULDED CABINET BI-DIRECTIONAL LOUDSPEAKERS

➤ APC6BT/EN ➤ APC6BT/ENC

EN54-24



TECHNICAL SPECIFICATIONS

EN54-24:2008

Certificate No: 0359-CPR-0148 TYPE A

ELECTRICAL

Rated power, Watts	6
Tappings 100 volt line, Watts	6 / 3 / 1.5 / 0.75
Transformer Impedance, Ohms 100V	1.67k / 3.33k / 6.66k / 13.3k
Tappings 70.7 volt line, Watts	3 / 1.5 / 0.75 / 0.375
Driver impedance, Ohms	4
Effective Frequency Range, Hz (BSEN60268-5)	110-18,000
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1kHz	72
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	88
S.P.L. @ 4m, Full power, dB, 1/3 Octave 1kHz	80
S.P.L. @ 1m, Full power, Test Signal Bandwidth 100Hz-10kHz	96
Dispersion at 1k/2k Hz, Degrees	290/260 Horizontal 290/260 Vertical

ENVIRONMENTAL

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

MECHANICAL

Dimensions, WxHxD mm	246 x 116 x 100
Net Weight, Kgs	1.3
Colour (Unless Specified)	RAL9016
Material	Low smoke zero halogen UL-94V0 Plastic with UV inhibitors
Mounting	4 x screws

- APC6BT/ENC is supplied with capacitor for DC line monitoring
- APC6BT/EN & C are BS5839 Part 8 Compliant
- Suitable for external use

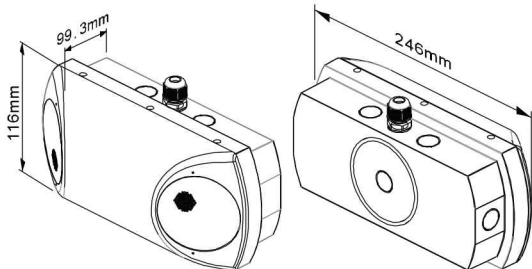
Manufacturer reserves the right to alter specifications without notice

September 2019

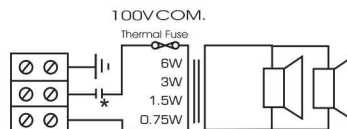
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CIRCUIT DIAGRAM



APC6BT/ENC
*with capacitor

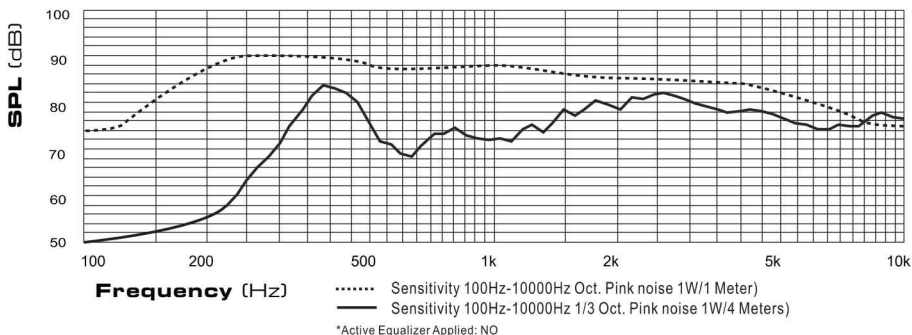
WITH TRANSFORMER: 100V/70V LINE

	WHITE WIRE PLUS TAPPING					BLACK
100V	0.75W	1.5W	3W	6W	COM	
70V	0.375W	0.75W	1.5W	3W	COM	
IMP(Ω)	13.3K	6.66K	3.33K	1.67K		

DISPERSION ANGLES

		HORIZONTAL	VERTICAL
1 OCT.PINK NOISE	500 Hz	360°	360°
1 OCT.PINK NOISE	1K Hz	260°	287°
1 OCT.PINK NOISE	2K Hz	298°	253°
1 OCT.PINK NOISE	4K Hz	178°	74°

FREQUENCY RESPONSE



APC6BT/EN & APC6BT/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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