



WEATHERPROOF HORN LOUDSPEAKERS

➤ APH10T/ENC

EN54-24



TECHNICAL SPECIFICATIONS

EN54-24:2008

Certificate No: 0359-CPD-0166 TYPE B

ELECTRICAL

Rated power, Watts	10
Tappings 100 volt line, Watts	10/5/2.5/1.25
Transformer Impedance, Ohms 100V	1k/2k/4k/8k
Tappings 70.7 volt line, Watts	5/2.5/1.25/0.625
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	340-16,000
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1KHz	79
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	105
S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz	88
S.P.L. @ 1m, Full power, Test Signal Bandwidth 100Hz-10kHz	115
Dispersion at 1k/2k Hz, Degrees	139/74 Horizontal 173/96 Vertical

ENVIRONMENTAL

IP Rating	66
Max/Min Ambient Temp	70°/-25°C
Relative Humidity	≤95%

MECHANICAL

Dimensions, WxHxD mm	172x131x227
Net Weight, Kgs	1.6
Colour (Unless Specified)	RAL 7035
Material	Low smoke zero halogen UL-94V0 Plastic with UV inhibitors
Mounting	Stainless Steel U bracket and hardware

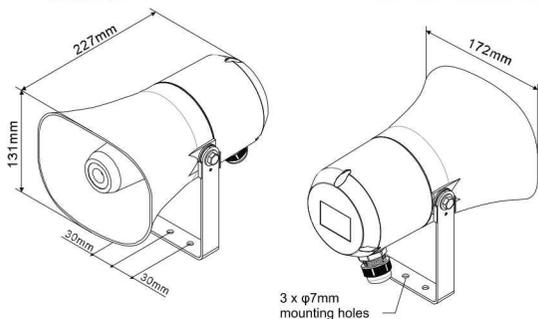
- APH10T/ENC is supplied with capacitor for DC line monitoring
- APH10T/ENC is BS5839 Part 8 Compliant
- Suitable for external use

Manufacturer reserves the right to alter specifications without notice

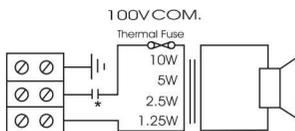
September 2016

APH 10T/ENC

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CIRCUIT DIAGRAM



APH 10T/ENC
*with capacitor

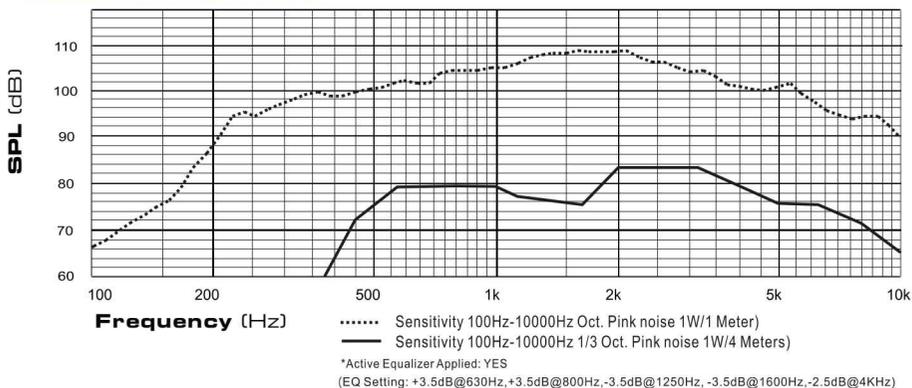
WITH TRANSFORMER: 100V/70V LINE

	WHITE WIRE PLUS TAPPING				BLACK
100V	1.25W	2.5W	5W	10W	COM
70V	0.625W	1.25W	2.5W	5W	COM
IMP(Ω)	8K	4K	2k	1k	

DISPERSION ANGLES

		HORIZONTAL	VERTICAL
1 OCT. PINK NOISE	500 Hz	360°	360°
1 OCT. PINK NOISE	1K Hz	139°	173°
1 OCT. PINK NOISE	2K Hz	74°	96°
1 OCT. PINK NOISE	4K Hz	43°	55°

FREQUENCY RESPONSE



APH10T/ENC has been tested in 100 hours max power (10W). 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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