

# MOULDED SOUND PROJECTORS

## ➤ CAD10T/EN ➤ CAD10T/ENC

EN54-24



### TECHNICAL SPECIFICATIONS

EN54-24:2008

Certificate No: 0359-CPD-0164 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)	110 - 18k
S.P.L. @ 4m, 1watt, dB, 1/3 Octave, 1KHz	63
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	90
S.P.L. @ 4m, Full power, dB, 1/3 Octave 1KHz	74
S.P.L. @ 1m, Full power, Test Signal Bandwidth 100Hz-10kHz	100
Dispersion at 1k/2k Hz, Degrees	180/120

#### ENVIRONMENTAL

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

#### MECHANICAL

Dimensions, WxHxD mm	138 x 204
Net Weight, Kgs	1.3
Colour (Unless Specified)	RAL9016
Material	Low smoke zero Halogen UL-94VO Plastic with UV inhibitors. Aluminium grill
Mounting	Stainless Steel U bracket

- CAD10T/ENC is supplied with capacitor for DC line monitoring
- CAD10T/EN & C is BS5839 Part B Compliant
- Suitable for external use

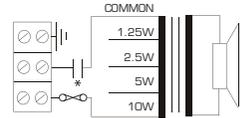
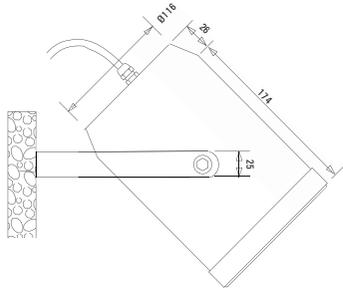
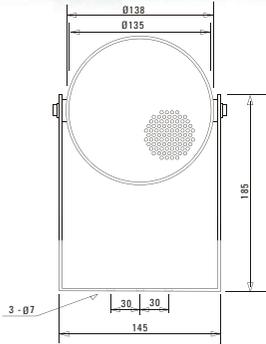
Manufacturer reserves the right to alter specifications without notice

September 2019

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CAD10T/EN  
CAD10T/ENC  
\*with capacitor

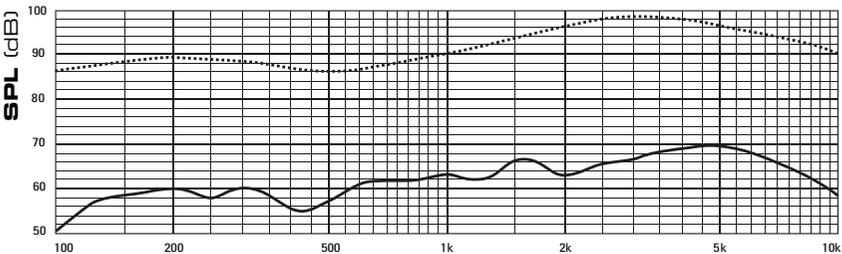
### WITH TRANSFORMER: 100V/70V LINE

	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
<b>1 OCT. PINK NOISE</b>	500 Hz	180°	180°
<b>1 OCT. PINK NOISE</b>	1K Hz	180°	180°
<b>1 OCT. PINK NOISE</b>	2K Hz	120°	120°
<b>1 OCT. PINK NOISE</b>	4K Hz	70°	70°

### FREQUENCY RESPONSE



Frequency (Hz)

..... Sensitivity 100Hz-10000Hz Oct. Pink noise 1W/1 Meter)

———— Sensitivity 100Hz-10000Hz 1/3 Oct. Pink noise 1W/4 Meters)

\*Active Equalizer Applied: YES

(EQ Setting: +3.5dB@630Hz, +3.5dB@800Hz, -3.5dB@1250Hz, -3.5dB@1600Hz, -2.5dB@4KHz)

The CAD10T/EN & CAD10T/ENC have been tested for 100 hours at a maximum power of 10W. Both units did not deviate by more than +/- 3dB. The frequency response and impedance curves remained constant throughout the test period. All results are in full compliance with the requirements of EN54-24



**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)

