

MOULDED SOUND PROJECTOR

CAD10/T

This weatherproof soundprojector offers a formally unbeatable combination of design and processing. The specially treated, high-quality housing with stylish shapes and compact dimensions is made of ABS components with integrated UV resistance. The loudspeaker is designed to be easy to mount thanks to the swivel-tilt U-bracket, and is suitable for railway stations, car parks, shopping centers, sports fields, etc. due to its weatherproof design.



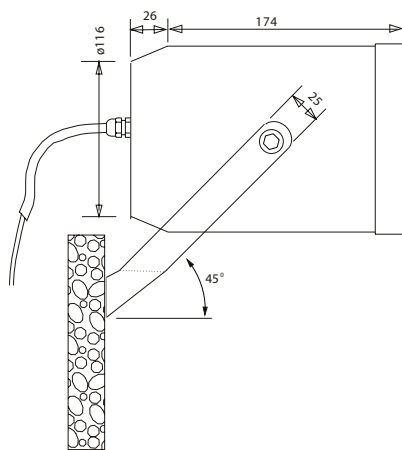
● Electrical	
Maximum power, watts	15
Rated power, watts	10
Tappings 100 volt line, watts	10/5/2.5/1.25
Transformer Impedance, ohms 100V	1k/2k/4k/8k
Tappings 70.7 volt line, watts	5/2.5/1.25/0.375
Driver impedance, ohms	8
Effective Frequency Range, Hz (BSEN60268-5)	120-18,000
S.P.L. @ 1m, 1watt, dB, Test Signal Bandwidth 100Hz-10kHz	90
S.P.L. @ Full power, Octave Bandwidth	100
Acoustic Power (dB-PWL@1 watt) 1k/2k Hz, dB	87/89
Dispersion at 1k/2k Hz, Degrees	180/120
Directivity Axial Q factor, 1k/2k Hz	2.5/5.8
● Environmental	
IP-rating	66
Min/Max amb temp	-25°C to 70°C
Relative humidity	≤95%
● Mechanical	
Dimensions, front & depth, mm	Ø 138x204
Net weight, kg	1.3
Colour/Finish	White
Material	ABS Plastic with UV inhibitor and Stainless steel hardware
Mounting	Aluminium U bracket



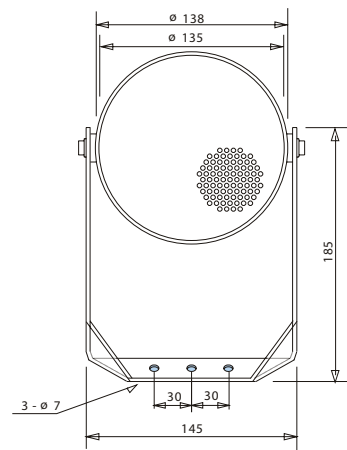
INSTALLATION GUIDE

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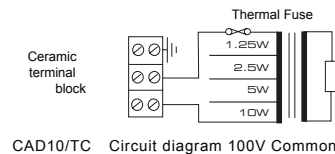
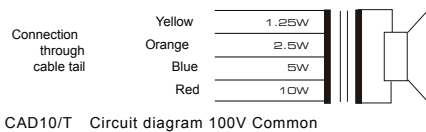
Side view
(unit: mm)



Front view
(unit: mm)



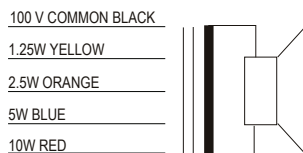
- 1) Drill the mounting location holes for the unit in line with the "U" bracket (2 holes 30 millimetres apart) in the surface where the loudspeaker is to be located.
- 2) Remove back lid of the unit (cable gland end) and connect input cable to the ceramic terminal block through the cable gland provided.



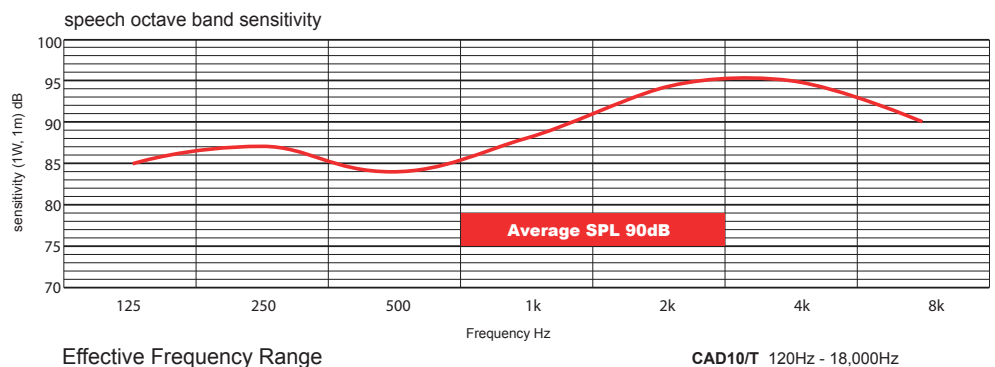
Important Note

Please ensure that the input cable is connected to the selected terminal inside the loudspeaker chamber and to no other connection, as the unused transformer tapings must always be isolated from one another.
Example: CAD10/TC use the Black wire (common) and the red wire for 10 watt tapping.
Use the Black wire (common) and the Blue for 5 watt, etc.

- 3) Secure the cable gland tight, ensuring that all the rubber washers are in place for the fixing screws. You will observe that around the inner section of the chamber where the back lid was removed is a large rubber washer, please make sure that this is in-place when replacing the back lid.
- 4) Before putting 100 volt line through the units it is advisable to check the impedance of the circuit.



Circuit Diagram



Disclaimer: We reserve the right of changes and errors.



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