

METAL COLUMN

Loudspeaker



➤ MCS80/TC

TECHNICAL SPECIFICATIONS

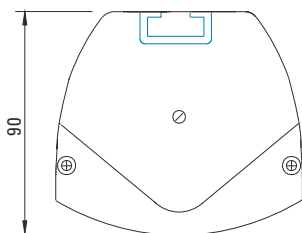
Rated power, Watts	80
Tappings 100 volt line, Watts	80 / 40 / 20 / 10
Transformer Impedance, Ohms, 100V	125/250/500/1k
Tappings 70.7 volt line, Watts	40 / 20 / 10 / 5
Driver impedance, Ohms	4
Effective frequency range, Hz (BSEN60268-5)	180-18,000
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	96
S.P.L. @ Full power Octave Bandwidth, dB	115
Acoustic Power (dB-PWL@1 watt) 1k/2kHz, dB	92 / 94
Dispersion at 1k/2kHz, Degrees	180 / 140 (horizontal) 70 / 45 (vertical)
Directivity Axial Q factor, 1 k/2kHz	4.2 / 6.8
Drive Units	8x75mm cone drivers, 1xHF unit
Dimensions, front & depth, mm	970 x 98 x 90
Net weight, Kgs	6
Colour/Finish	White RAL9016
Material	Aluminium
Mounting	Steel L bracket

➤ BS5839 Part 8 voice alarm compliant

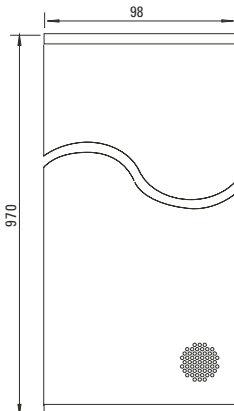
EASE, CATT, ULYSSES and Architectural specifications are supplied on the disc inserted at the back of this folder
 Manufacturer reserves the right to alter specifications without notice – March 2007

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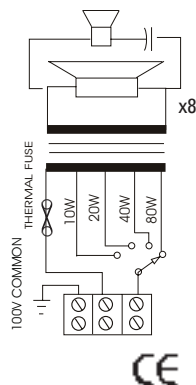
- top and bottom view
unit: mm



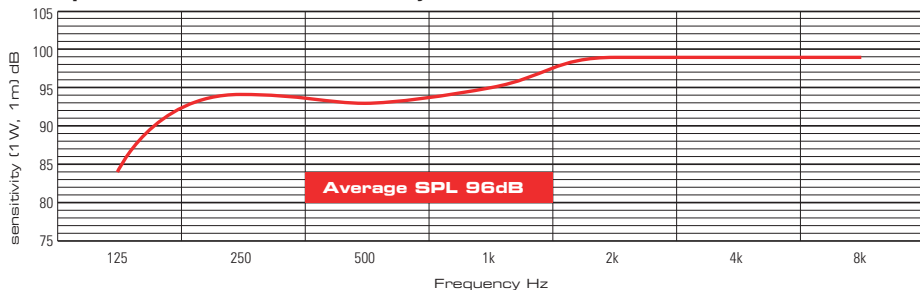
- side view
unit: mm



- circuit diagram
MCS80/TC



speech octave band sensitivity



Effective Frequency Range 🔴 **MCS80/TC** 180Hz - 18,000Hz



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