Technical data sheet

PSI AUDIO

A215-M

PSI AUDIO MASTER A215-M

SWISS MADE BY RELEC SA 1400 YVERDON

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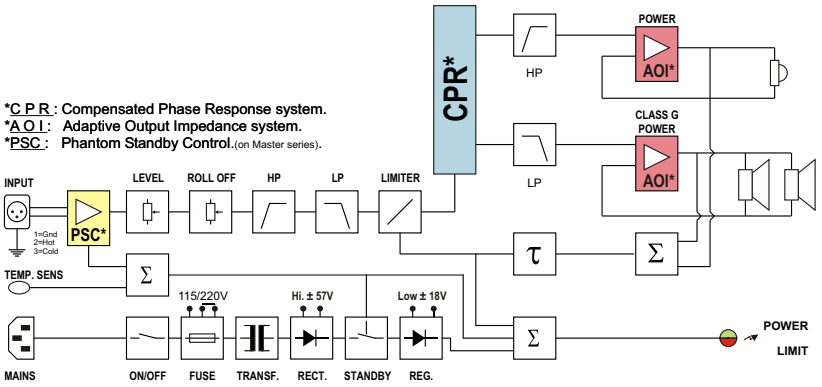
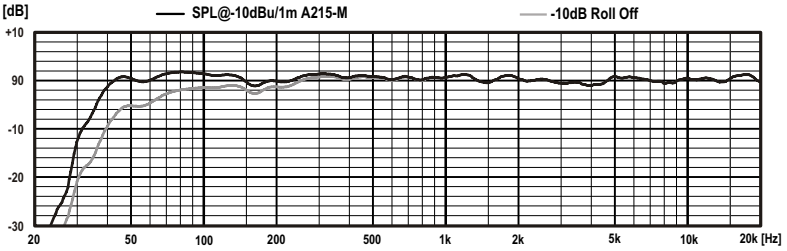
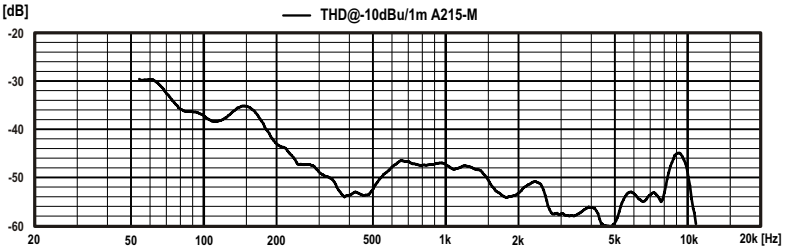
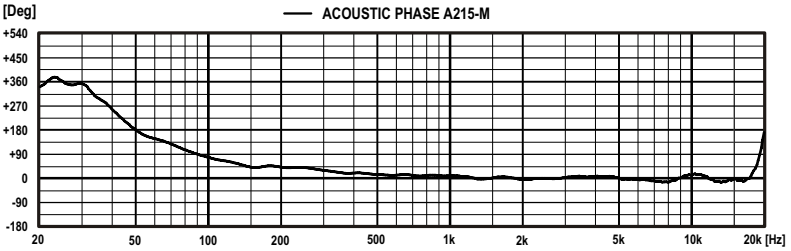
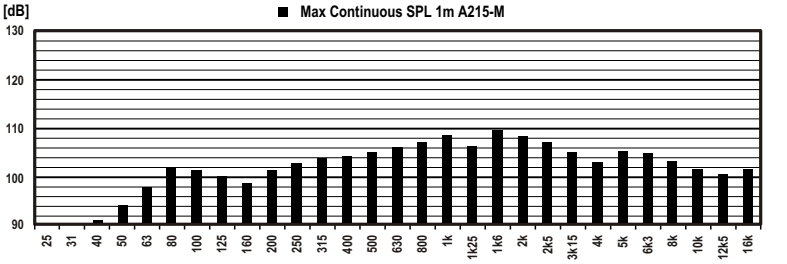


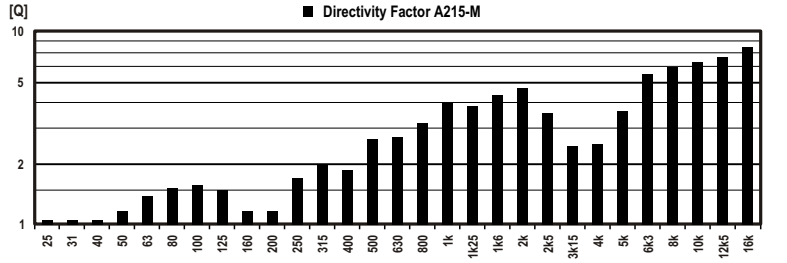
Puissance RMS Power RMS	**120+40 W**
Puissance programme Program power	**160 W**
Impédance d'entrée Input Impedance	**Sym, 10k Ohms**
Sensibilité pour 100 dB @ 1m Sensivity for 100 dB @ 1m	**0.775 V**
Rapport signal sur Bruit Signal to Noise Ratio	**96 dBA**
Saturation d'entrée Input Overload	**24 Vpp**
Niveau max. continu, 1m Continuous Max SPL, 1m	**106 dB (single)**
Niveau max. programme, 1m Program Max SPL, 1m	**117 dB (pair)**
Réponse à -6 dB Response at -6dB	**36 - 23000 Hz**
Tolérances Tolerances	**±2 dB (42Hz - 20kHz)**
Distorsions THD Distortion THD	**< 1.5% (75Hz-12kHz)**
Phase tolérances Phase tolerances	**±45° (270Hz - 20kHz)**
Dispersion (B.R. 4 - 16 kHz) à -6 dB Dispersion (P.N. 4 - 16 kHz) at -6 dB	**90° x 60° (H x V)**
Système System	**2 Way(s)**
Fréquence de coupure Crossover frequency	**1.8 kHz**
Dim. basses Ext. / Membrane Woofer's dim. Ext. / Diaphragm	**2 x Ø 147 / Ø 104 mm**
Dim. aigues Ext. / Membrane Tweeter's dim. Ext. / Diaphragm	**Ø 100 mm / Ø 25 mm**
Connecteurs Connectors	**1 x XLR F / 3P**
Signal entrée Signal input	**1=GND, 2=(+), 3=(-)**
Matériaux du boîtier Box Material	**MDF**
Dimensions boîtier L x H x P mm Dimensions cabinet W x H x D mm	**166x 1100 x 250**
Poids brut / net Gross / Net Weight	**19.6 / 15.8 Kg**
Tension de secteur Voltage	**115/230V (50-60Hz)**
Consommation Consumption Standby-Quiescent-Max	**1.2 - 5 - 150 W**
Humidité Moy / Max Mean / Max Humidity	**< 75% / < 90%**
Température externe External Temperature	**5 - 40 °C**











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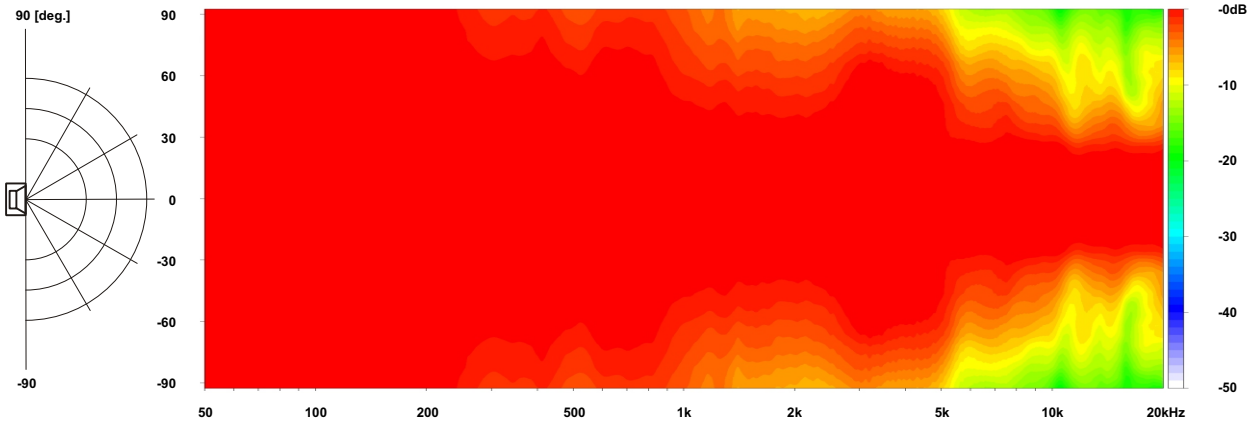
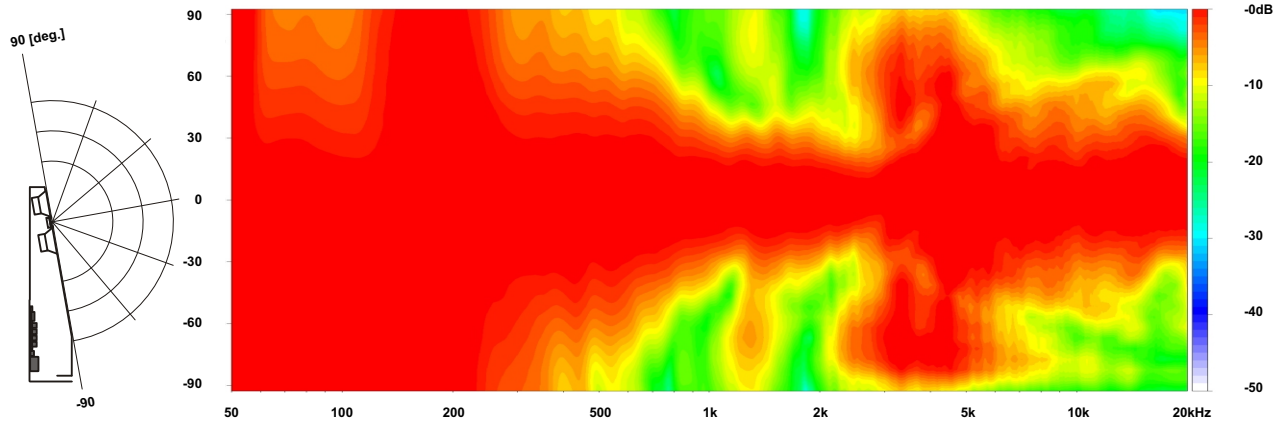
WARNING :
In a normal acoustic environment, the roll off must be adjusted at approximatively -2dB to correct the ground effect.

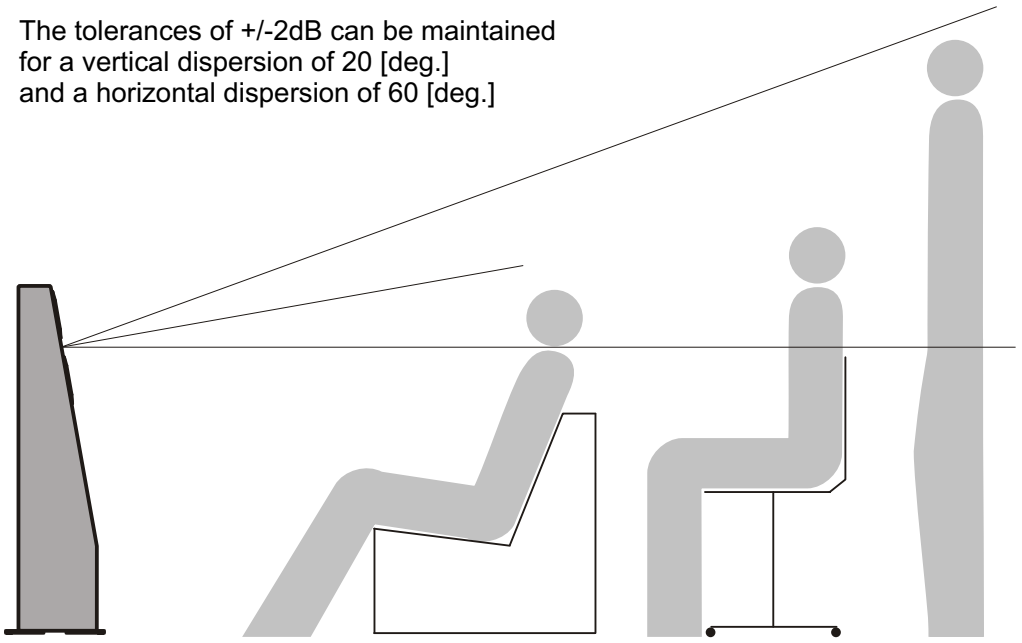
Dispersion Horizontale



Dispersion Verticale



The tolerances of +/-2dB can be maintained
for a vertical dispersion of 20 [deg.]
and a horizontal dispersion of 60 [deg.]



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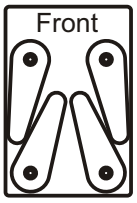
All dimensions are in mm

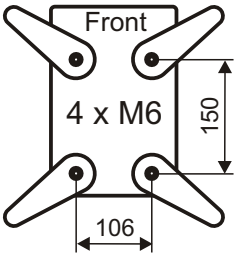
Mounting



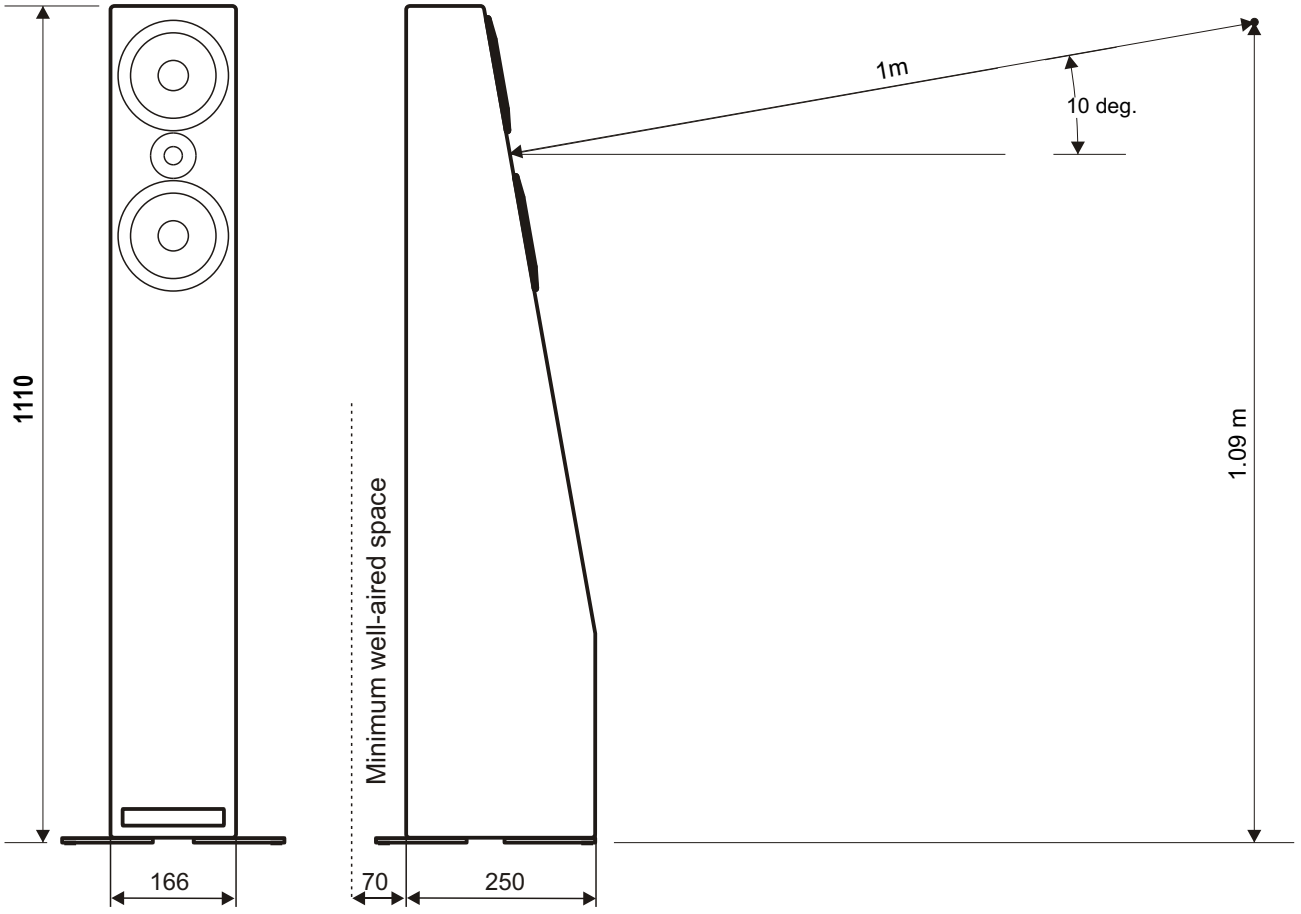
Bottom view

Transport position

Spacing has to be adjusted
to get the maximum of stability.



Acoustical axis



Front view Side view

Measurement environment: Large anechoical room
Temperature 23±2°C
Humidity 50±20%