

R8

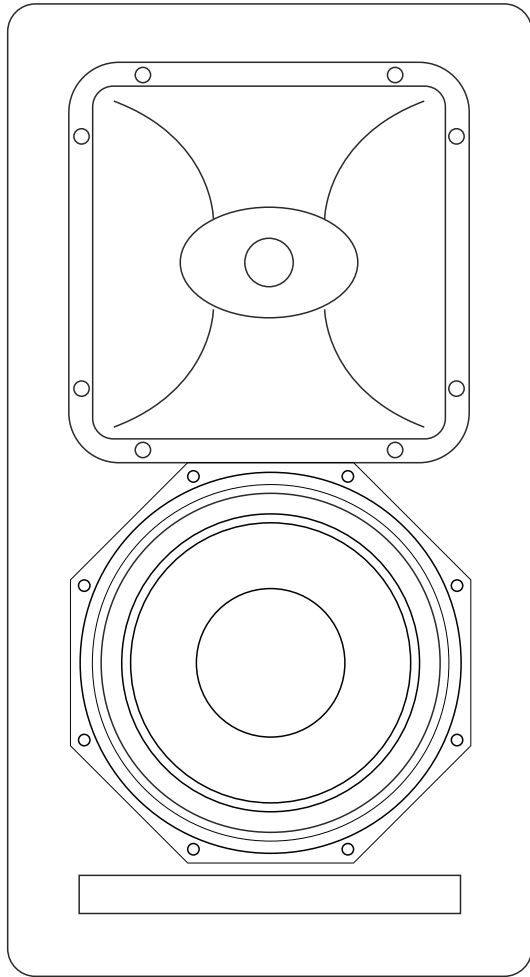
Studio monitors system



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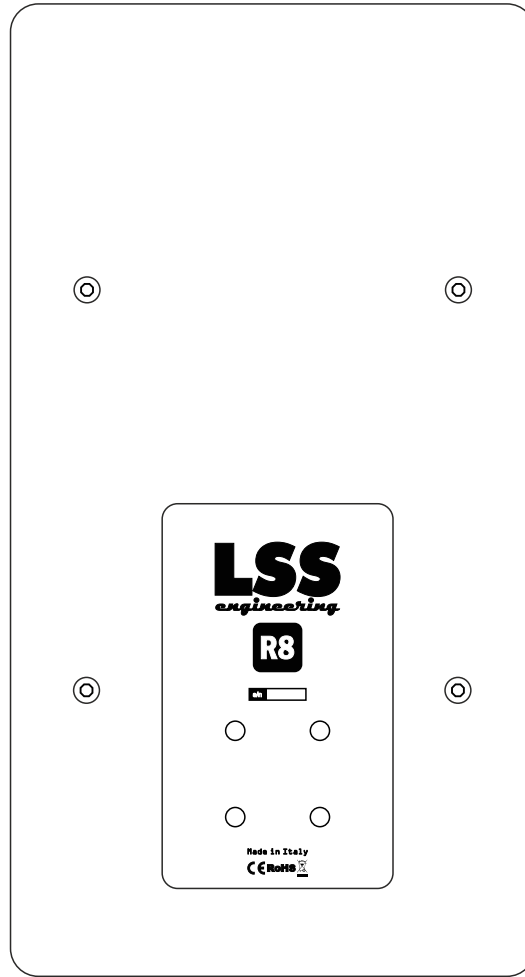
Dimensioni-Dimension

FRONT



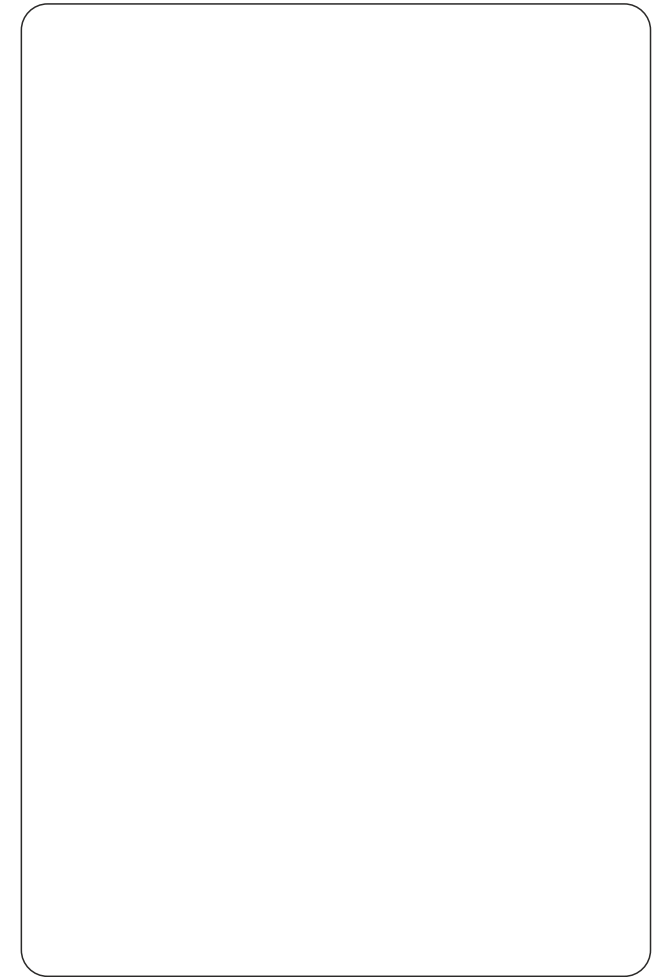
275mm

REAR



275mm

SIDE



330mm

510mm



R8

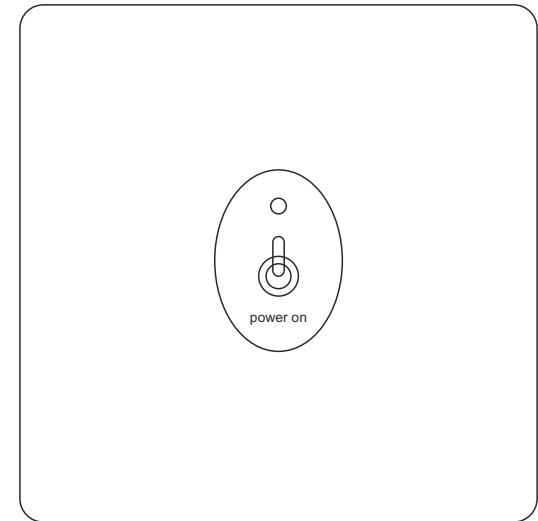
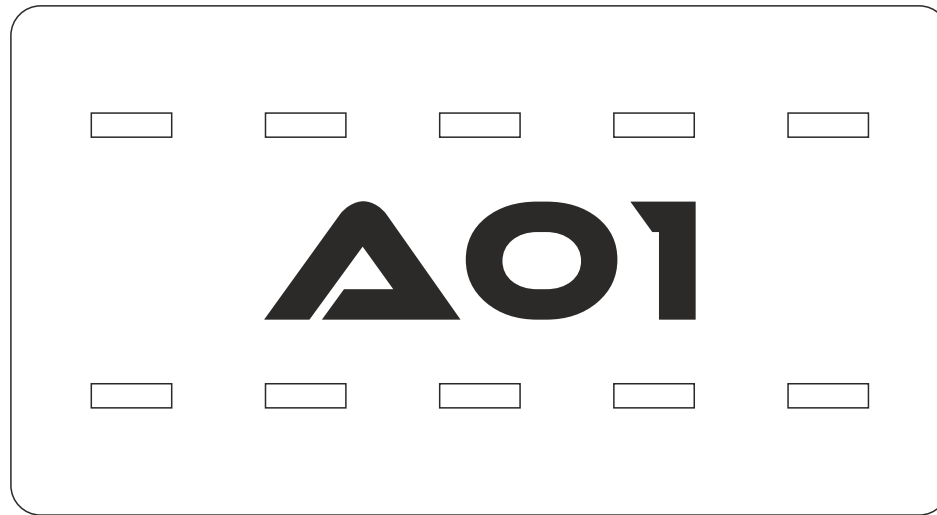
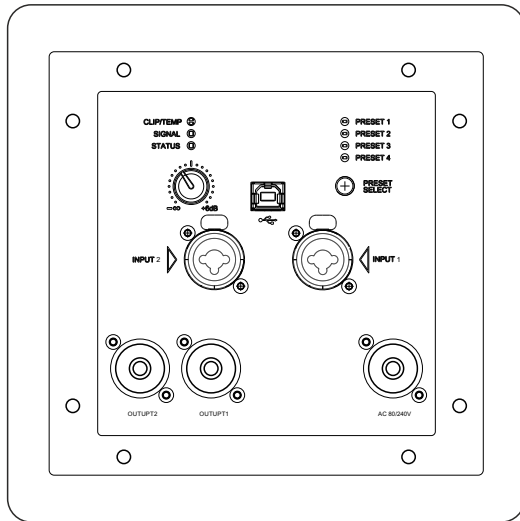
Dimensioni-Dimension

FRONT

REAR

SIDE

193mm



193mm

350mm

193mm



R8

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Dati tecnici - Tech-data

DESCRIPTION

The R8 is a medium size near/mid field passive monitors. Designed for recording studios, broadcast suites and private studios. It utilises a single 8" custom LF driver and 1,75 neodymium HF compression driver of titanium diaphragm on Aluminium DC 60°X 40°Horn. The hand built specialy crossover network offers a very efficient and coerent phase passive network. T8 offers a exceptional and accurate response like a sound stage along with the ability to produce a high SPL when required. Four personalized setup available from Powersoft sytem amplifier. The cabinet is from Baltic birch features craftsmanship Every cabinet is coated with a high-tech black textured polywater scratch free finish and custom RAL is possible on request.The system includes mounting hardware for positioning the speakers on optional stands.

FACILITIES

Extremely linear reproduction, precise focus imaging in to the 3D audio scene, perfect impulse response and ultra low distortion. Ear fatigue inexistent, power-to-size ratio very impressive.

APPLICATIONS

Near/medium-field listening applications in all control rooms, LCR and surround monitoring in small-to-medium control rooms.

PERFORMANCE

Frequency Response -10 dB 35 Hz – 22 kHz
Nominal Dispersion 60° x 40° (H x V)
Impedance (Nom) 8 Ω
Watts AES Continous 330 W/Peak 825 W
Sensitivity: 93 dB @ 1 m
Maximum SPL Output calculated 122 dB SPL

PHYSICAL

Component Low 8" woofer
Component High 1.75" diaphragm compression driver
Loading Low Bass-reflex
Loading High 1" DC Horn
Connectors BI-WIRING or BI-AMP Binding Post
Cabinet Material Baltic birch plywood
Cabinet Finish Black polywater coating
Height 510 mm
Width 275 mm
Depth 330 mm
Weight 19kg

A01

DESCRIPTION

Compact and powerful class D amplifier providing up to 600W + 600W in 2 channel mode. Excellent sound performance, with a high dynamic range and low distortion, high output power thanks to the latest generation compact PFC power supply, ensuring reliability and fidelity of reproduction in all operating conditions with low power consumption (0.5W in mode stand-by) The DSP controller uses a Devices SigmaDSP 50 MIPS, with 2 input and 3 output channels.Thanks to the 24bit @ 48kHz AD / DA conversion, 118/114 dB of dynamic range, the internal 56-bit processing and a complete library of crossover filters, equalizers and limiters.Supported by Powersoft's ArmoniaPlus control software, it offers quick and easy access to DSP functionality via a simple Ethernet cable, including some proprietary algorithms such as the Frequency Dependent RMS Limiter.The A01 DSP is configured:2 Stereo inputs2 Out Full Range dedicated for R8 speakers1 mono Out for Sub Woofer

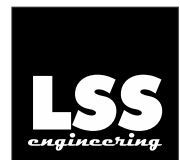
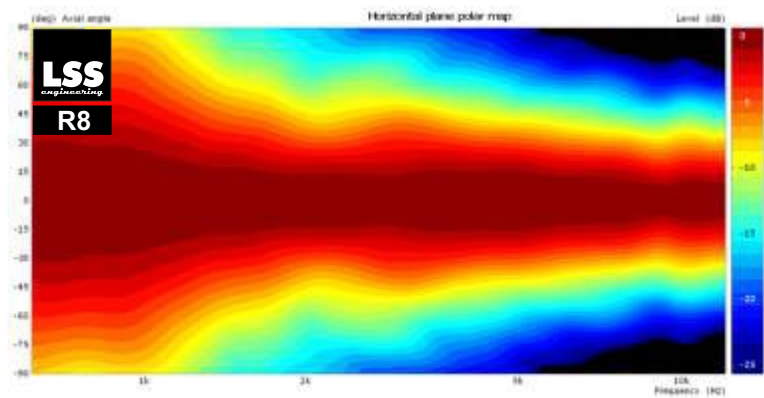
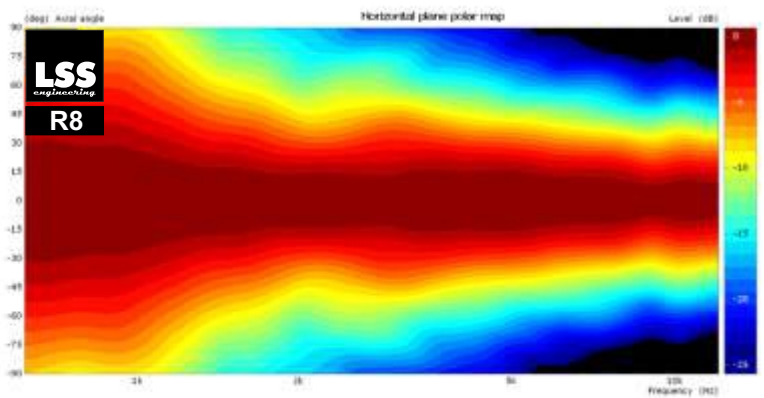
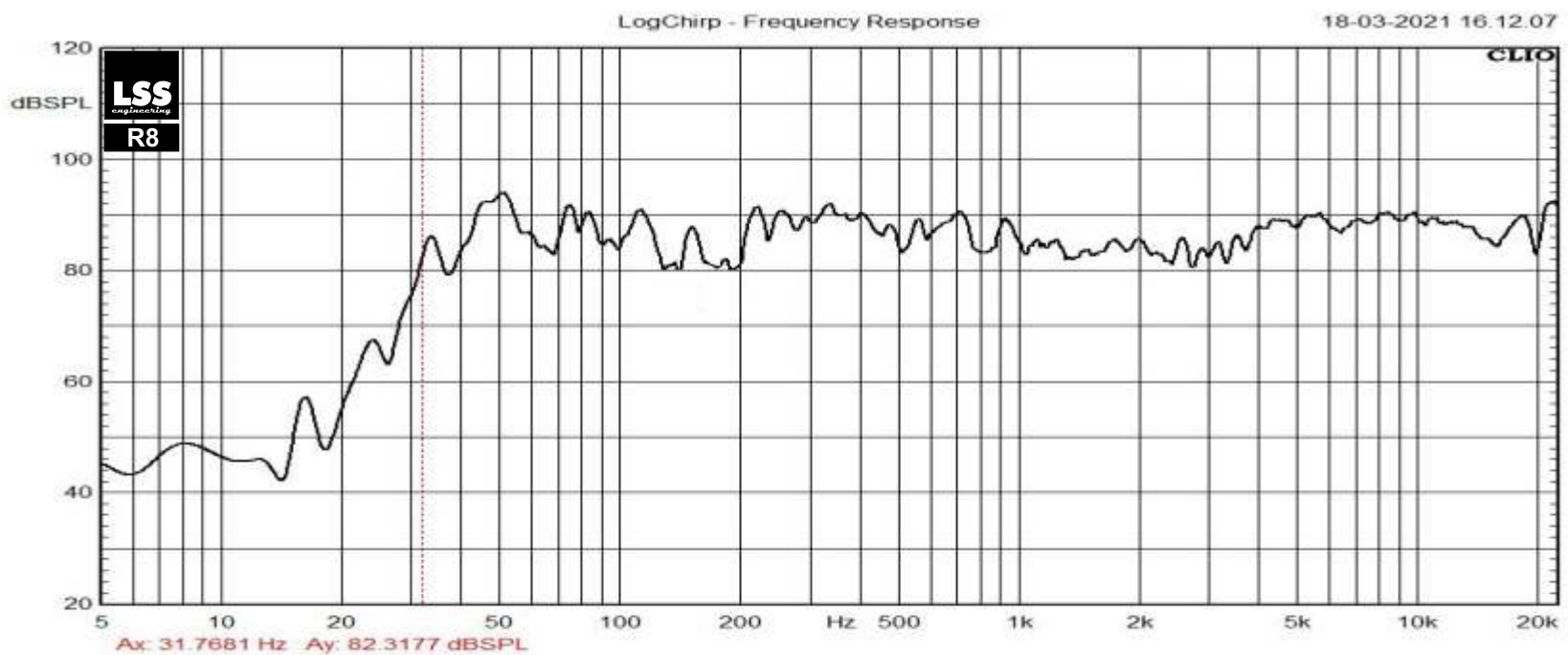
PERFORMANCE

2-channel mode
4 Ω / Ch (balanced) 600 W
Max output voltage 85 Vpeak
Max output current 31 Apeak
Power supply Universal, regulated switch mode
Nominal power requirement AC 100 V - 240 V, 50/60 Hz with PFC
Operating voltage AC 90 - 264 V
Power factor cos = 0.9 @ 360 W
Gain 26 dB
Frequency response 20 Hz - 33 kHz (+0/-1 dB) @ 1 W, 8 Ohm
S/N ratio 115 dB
Crosstalk separation 85 dB @ 1 kHz
Input sensitivity @ 8Ω 3 V / 11.7 dBu
Input impedance 10 kOhm balanced
THD+N / DIM100 < 0.08% from 0.1 W to full power (typically <0.05%)
Slew rate 50 V/μs @ 8 Ohm, input filter bypassed
Damping factor @ 8Ω > 10000 @ 100 Hz

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Prestazioni-Performance



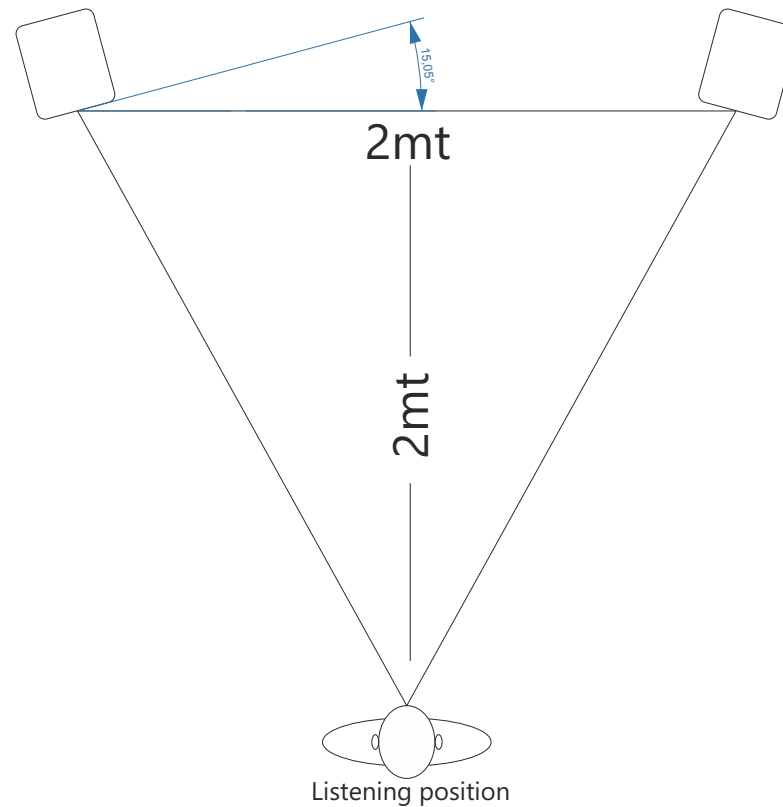
R8

PRESET 1

No equalization

Il preset numero 1 offre una risposta diretta senza nessun tipo di equalizzazione. Questo preset permette di ascoltare la risposta in frequenza dello speaker naturale diretta dal crossover passivo interno.

Preset number 1 offers a direct response without any kind of equalization. This preset allows you to hear the natural speaker frequency response directed by the internal passive crossover.

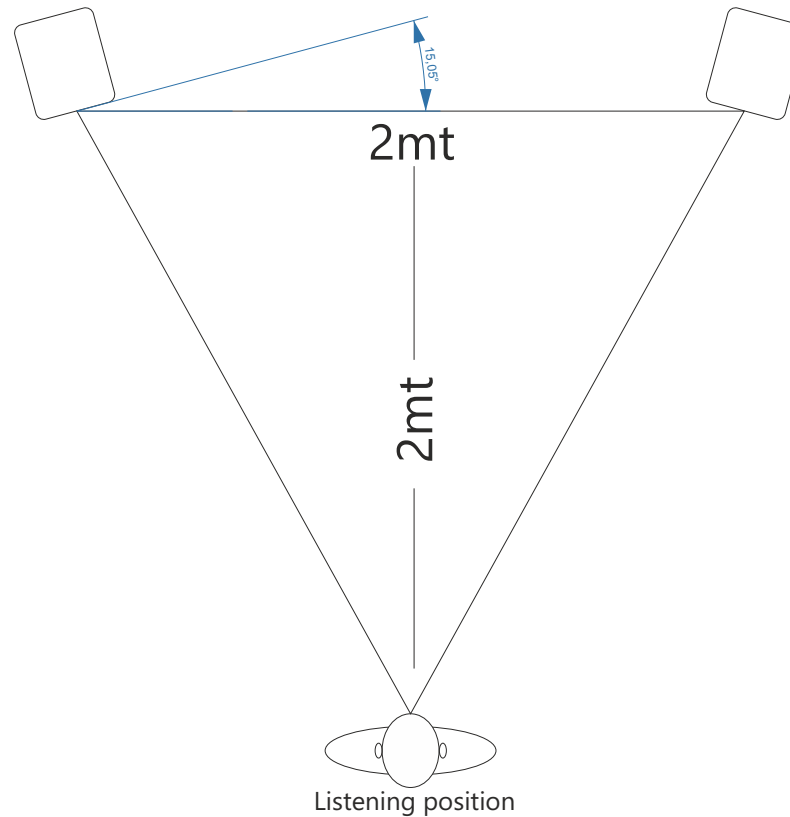


PRESET 2

Flat response correction measured on a single speaker

Preset number 2 offers a flat response within +/- 2.5 dB.
Measured on axis on a single speaker

Il preset numero 2 offre una risposta piatta entro +/- 2,5 dB.
Misurata in asse su un singolo speaker

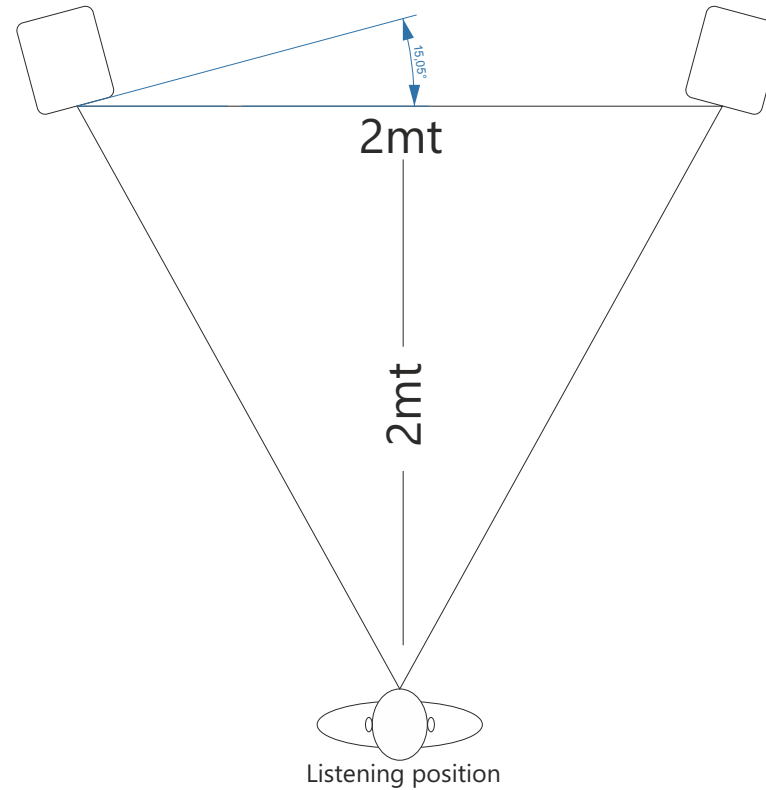


PRESET 3

Equalization compensation for a flat response measured on the sum of the two speakers converging.

Compensazione dell'equalizzazione per una risposta piatta misurata sulla somma dei due altoparlanti convergenti.

Equalization compensation for a flat response measured on the sum of the two speakers converging.

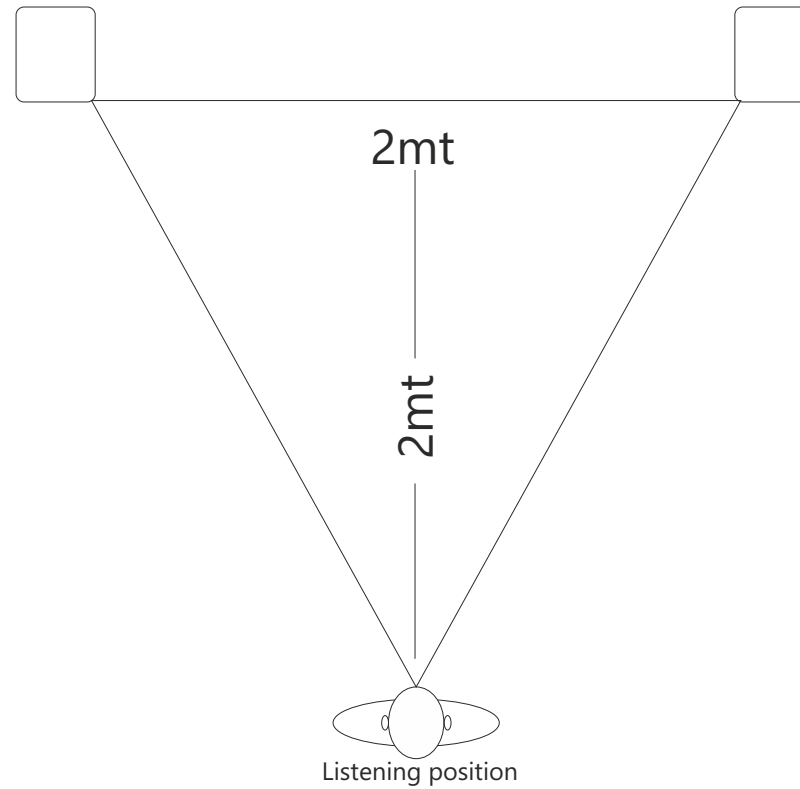


PRESET 4

Flat response eq sum misuration no speakers convergent

Compensazione dell'equalizzazione per una risposta piatta misurata sulla somma dei due altoparlanti non convergenti.

Equalization compensation for a flat response measured on the sum of the two speakers not converging.



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s/n

Made in Italy
CE ROHS