

THESIS

THX 3

CROSSOVER NETWORK 400 W

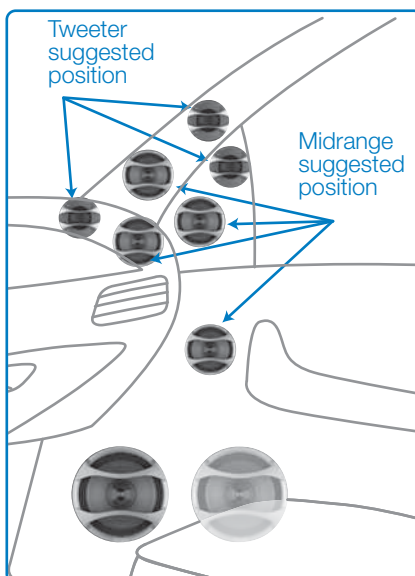


ideato,
 progettato,
 costruito
 in Italia

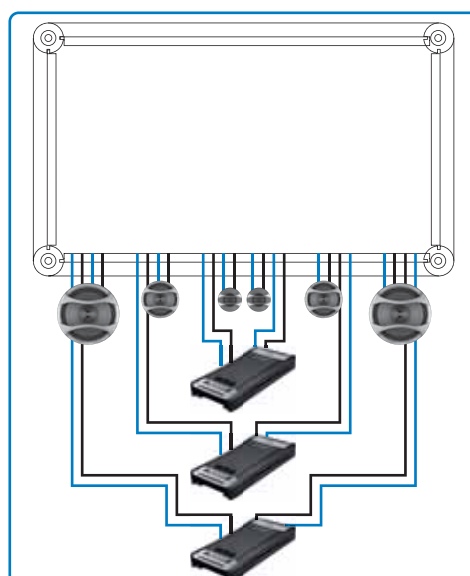
Technical Specifications

Type	Stereo 3 way Passive Crossover Network	
Size	mm inch	438x258x66,5 17 ^{1/4} x10 ^{1/4} x2 ^{5/8}
Power Handling	W peak W continuous	400 200
Crossover frequency	HI-pass on tweeter 3.5 kHz @ 12 dB/Oct. BAND-pass on midrange 450/3.5k Hz @ 6/12 dB/Oct. LO-pass on woofer 450 kHz @ 12 dB/Oct.	
Thesis speaker set	TH 1.5 violino + TH 3.0 voce + TH 6.5 sax	
Level Adjustment	Tweeter Midrange Woofer (LFS)	-2; 0; +2; +4 dB -2; 0; +2 dB 0; -2; -4 dB
Sound Control	Low Frequency Shaping Speaker Position Contour Multi-Amp Configuration Audison Thesis Advisor	

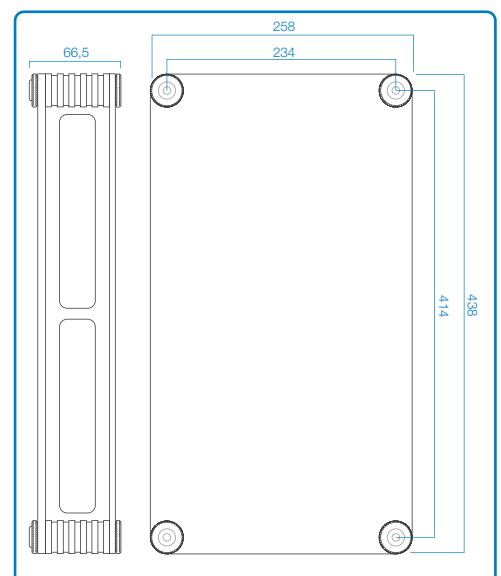
- 1 Robust aluminium chassis: made from aluminium selected for its inert nature against magnetic interferences; features a hidden mounting system.
- 2 Transparent plexi cover: provides a clear view of the internal components.
- 3 Constructed in a mirrored stereo configuration: reduces overall dimensions and mounting time, while making adjustments easier to perform.
- 4 Open Design: to manage all the settings that affect the acoustic results and are used to achieve maximum performance with various speaker positions in any vehicle.
- 5 The electronic circuits: designed for unlimited adjustment versatility, providing limitless customization possibilities.
- 6 2 mm thick printed circuit board with 105µm copper traces.
- 7 Plate wire wound resistors: housed in an aluminium case secured to the main frame through a mechanical system, increases thermal dissipation capability required for extreme power handling.
- 8 250 VDC, very low DF, metalized Polypropylene film capacitors.
- 9 Filters and connections are designed to allow multi-amplification configurations.
- 10 Tweeter and midrange sensitivity control: attenuators provide the ability to adjust output emission of each driver for proper system tuning.
- 11 LFS (Low Frequency Shaping): used to shape the low frequency energy, helpful to rectify the peaks and resonances typically found in lower door installations.
- 12 Tuning kit: additional components required for the customization are factory provided.
- 13 Audison Thesis Advisor: an Advanced Manual, offering complete and easy to understand information; along with a professional advisor within the Audison R&D Division, provides support to help users perform the required steps to upgrade their crossover.



Speaker Position Contour



Multi-amp Configuration



Size