

The Loudspeaker 2 (Passive)

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BASICS

Speaker type:

4-way

Cabinets:

55 x 49 x 105 cm, WxDxH.

Depth depends on thickness of front panel.

Prototypes use 2 x 20 mm BB laminate.

System sensitivity:

95 dB/2.8V/1 meter.

Impedance:

8 Ohms, minimum 5 Ohms for MMT section @ 500 Hz.

5 Ohms for bass alone with passive crossover.

Minimum 3.5 Ohms for fully passive/one amp solution.

Power requirement:

20+ watts for mid-tweeters section.

200+ watts for bass.

Level 1 - Crossover component overview:



Level 1 kit comes with upgraded horn capacitors compared to level 2



Litz wire wax coils



C-Coils (Toroidal core)



Air & iron core wire coils



Horn capacitors: Amber Z-Caps (Pure copper foil)



Super tweeter capacitors: Alumen Z-Caps (Pure aluminum foil)



Midrange capacitors: Superior Z-Caps (Super MKP)



Bass capacitors: Standard Z-Caps & Compact MKT caps



Superes wire-wound resistors



Level 2 - Crossover component overview:

Coils, super tweeter/midrange/bass capacitors and resistors are identical to level 1



Horn capacitors: Alumen Z-Caps (Pure aluminum foil)



Damping materials included:

Grey damping felt



White polyester damping cloth



Combed natural wool stuffing



Accessories included:

Binding post terminals (4 pairs)



16 AWG PTFE insulated silver infused cables (for internal wiring)



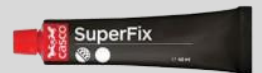
Solder tag strips (28-pin)



Screw-in terminals



CasCo SuperFix glue (for gluing components to boards)



Black anodized woods screws (for driver mounting)

