

The Loudspeaker 1 (Semi-Active)

Designed by Troels Gravesen

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BASICS

Speaker type:

4-way

Cabinets:

65 x 45 x 105 cm (WxDxH),
307 liter gross volume.

System sensitivity:

95 dB/2.8V/1 meter.

Impedance:

MTT section: 4-8 Ohms,
minimum 4.3 Ohms @ 600
Hz.

Bass section 8 Ohm,
minimum 6.5 Ohms @ 25 Hz.

If run fully passive from one
amplifier, minimum
impedance will be 3.0 Ohms
@ 120 Hz.

Power requirement:

30+ 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



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)



Superes wire-wound resistors



Level 2 - Crossover component overview:

Coils, super tweeter/midrange 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)



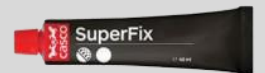
Solder tag strips (28-pin)



Screw-in terminals



CasCo SuperFix glue (for gluing components to boards)



Black anodized woods screws (for driver mounting)

