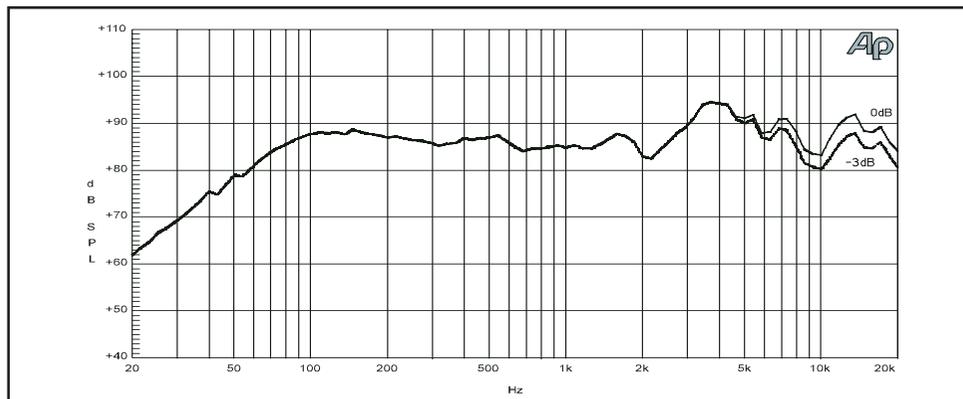


Graph

The wide smooth frequency response, good sensitivity and high power handling make the ECS 2.50 suitable for use in any quality installation



Specifications

Power Handling: **100 Watts (max. music)**
Nominal Impedance: **3 ohms**
Frequency Response: **50-25,000 Hz**
Sensitivity (1W/1m): **90 dB**

WOOFER

Unit Size: **ø - 13 cm (5")**
Voice coil: **ø - 54 mm (2 1/4") Aluminium**
Cone Material: **CMP - Composite Metalized Paper**
Magnet System: **Triple magnet**
Nett Weight (per piece): **0.680 Kg**

Resonant Frequency: **70 Hz**
Dc Resistance: **3.10 Ohm**
Voice Coil Inductance @ 1Khz: **0.20 mH**
Air Gap Height: **4 mm**
X-Max Linear Excursion: **± 3 mm**
Force Factor (BXL): **2.75 tm**
Qms: **5.50**
Qes: **1.3**
Q/Ts: **1.03**
VAS: **12.80 lt**
Cms: **443 µM/N**
Moving Mass (ms): **5.20 gr**

TWEETER

Unit Size: **ø - 50 mm (2")**
Voice coil: **ø - 25 mm (1")**
Dome Material: **Soft Linen**
Magnet System: **Neodymium**
Resonant Frequency: **1,800 Hz**
Dc Resistance: **4 ohms**



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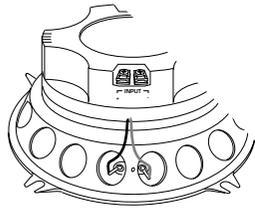
ECS 2.50

Installation Guide:
Illustrated Options for
Specific & Standard
Installation



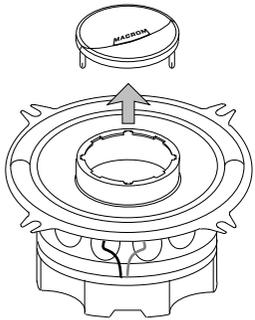
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Instructions for use

In order to use the system in the combinable mode, insert the dust cap in the centre of the woofer. To do so apply pressure to the edge close to the dust cap support.

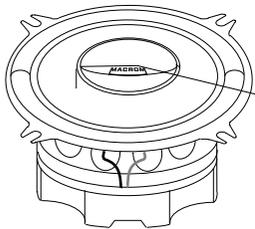


Insert the tweeter into the dust cap, pushing it down.

Follow the indications on the tweeter for the identification of the phase.

To select the desired tweeter option, insert the tweeter in the appropriate position following the indications on the support.

The crossover filter is inside the magnet cover and therefore the use of external components is not necessary. The built-in crossover filter will be active when the tweeter is inserted.



Rotate the dust cap by about 15° in an anti-clockwise direction, at this point the dust cap is no longer locked into position and is ready to be lifted out with an upward movement.

There is a triangle on the dust cap which is lined up with a vertical plastic indicator when the dust cap is locked into position.

When the dust cap is rotated as described above, the triangle is no longer aligned with the plastic indicator and the dust cap is ready for removal.

To re-insert the dust cap, reverse this procedure until the triangle is aligned with the plastic indicator.

and really useful options

view

Separate Use

An incredibly flexible separate component system which allows installation and adjustment in a practical and wonderfully simple manner thanks to the options on the tweeter support. You can adjust your system while sitting in your listening position just by rotating the tweeter in its support to select the desired option.

Input connection view

Use the "input" tags to connect the speaker. It is possible to connect the speaker directly to an amplifier without the use of a crossover.

For the tweeter connection use the "output" tags. The three tags allow the use of the tweeter options.

Tweeter Output connection view

Tweeter options

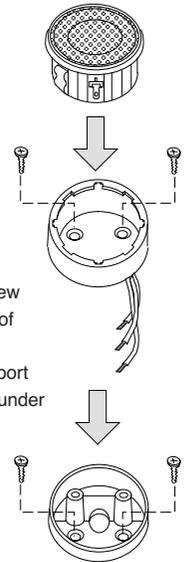
The tweeter offers four options:

Out of phase / FLAT, Out of phase / ATT, in phase / ATT, in phase / FLAT.

These options can be used in both the Combinable and Separate Use systems.

Always connect the tweeter in phase when first installing the tweeter in the support following the indications on the support (the (-) on the side of the tweeter support drawing).

Surface installation



For an angled installation, choose the desired location and drill the necessary holes, screw tweeter support "A" into position. Place support "B" so that the screw holes correspond with the tubes of support "A" to allow fixing.

Insert the tweeter "C" in the support following the instructions shown under "Tweeter Options".

For the connection of the tweeter to the crossover, use the input and output tags and supplied with the colour coding of the crossover.