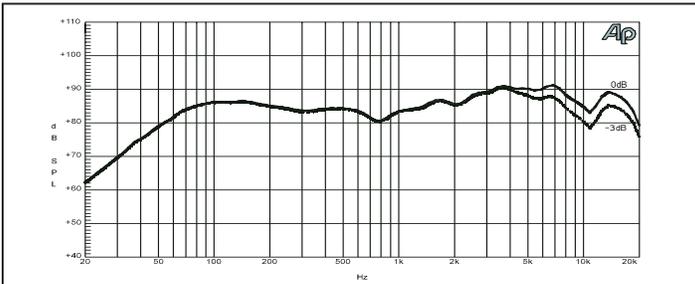


Graph

The wide smooth frequency response, good sensitivity and high power handling make the ECS 2.60 suitable for use in any quality installation



Specifications

Power Handling: **120 Watts (max. music)**
 Nominal Impedance: **3 Ohms**
 Frequency Response: **45-25,000 Hz**
 Sensitivity (1W/1m): **90 dB**

WOOFER

Unit Size **ø - 160 cm (6 1/4")**
 Voice coil **ø - 54 mm (2 1/4") Aluminium**
 Cone Material **CMP - Composite Metalised Paper**
 Magnet System: **Triple magnet**
 Nett Weight (per piece): **0.720 Kg**

Resonant Frequency: **60 Hz**
 Dc Resistance: **3.10 Ohm**
 Voice Coil Inductance @ 1Khz: **0.22 mH**
 Air Gap Height: **4 mm**
 X-Max Linear Excursion: **± 3 mm**
 Force Factor (BXL): **3.50 tm**
 Qms: **4.85**
 Qes: **1.28**
 Q/Is: **1.00**
 VAS: **10 lt**
 Cms: **494 µM/N**
 Moving Mass (ms): **12 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**

MACROM

ECS 2.60

Installation Guide
 Illustrated Options for
 Specific & Standard
 Installation



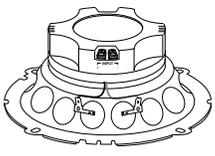
MACROM LTD.
 3 Moree St., 6850 MENDRSIO
 SWITZERLAND

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Combinable Use

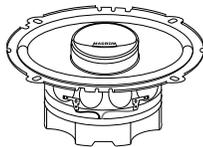
The speaker system can be combined to act as a "Coaxial" with great performances and really useful options such as phase rotation and attenuation of the tweeter without external intervention.

Connection view



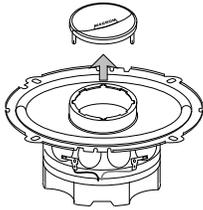
Use the "input" tags for connection to the speaker. The speaker can be connected directly to an amplifier without the use of a crossover.

Top view



Instructions for use

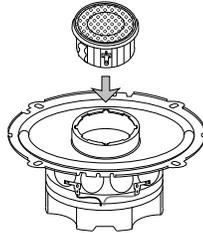
In order to use the system in the combinable mode you should remove the dust cap in the centre of the woofer. To do so apply slight pressure to the edge close to the dust cap support.



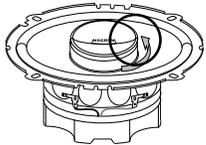
Insert the tweeter in the support pushing it down until it is hooked into position.

Follow the indications on the tweeter for the identification of the negative (-).

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 activated when the tweeter is inserted in the support.



How to Remove the Dust Cap



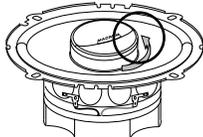
Rotate the dust cap by about 15° in an anti-clockwise direction, at this point the dust cap is no longer locked into position and is ready to be lifted out with an upward movement.

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.

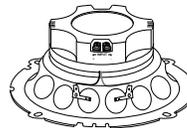
Dust cap 15°



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.

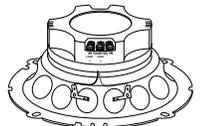
Input connection view



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

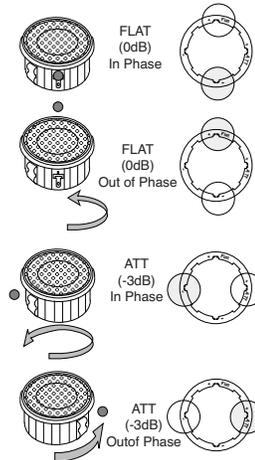


Tweeter option

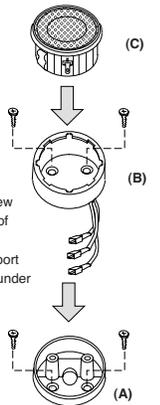
The tweeter offers four options: 0dB, in phase / 0dB, Out of phase / -3dB, in phase / -3dB, out of phase.

These four options can be used in both the Combinable and Separate modes.

We suggest using the 0dB in phase when first installing the speakers. Insert the tweeter in the support following the indications of the negative (-) on the side of the tweeter (indicated with ⊙ on the 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 connection of the tweeter to the built-in crossover, use the extension lead supplied and be sure to follow the colour scheme for correct function.

From Tweeter support

To crossover tags

Red = FLAT (0dB)
Blue = ATT (-3dB)
Black = - Negative