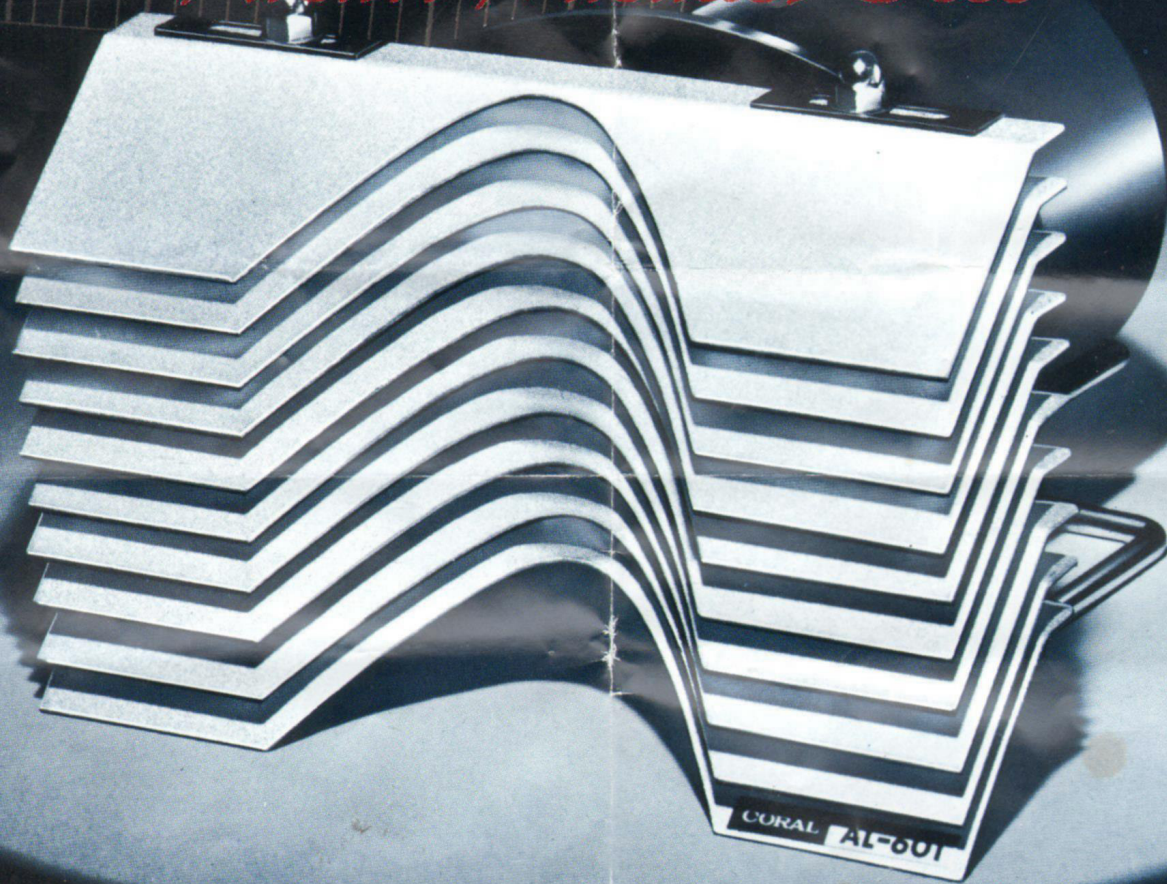


CORAL

Naturally beautiful

ACOUSTIC LENS **AL-601**

*© beim Hersteller
Archiv Michael-Otto*



AL-601



Improved Directional Characteristics... A Decisive Factor for Sound Reproduction

Improvements in reproduced treble sound patterns, which have pronounced directional characteristics, naturally enhance the tonal quality of the entire speaker system. One need only listen to appreciate the difference.

When a horn-type tweeter is used, treble direction tends to become more pronounced, owing to the characteristics of this type speaker. Still, the horn-type tweeter is not without its merits. In order to improve directivity, the plane high frequency waves must be converted into spherical waves, as shown in Fig. 1. And this is accomplished by the acoustic lens. The CORAL AL-601, an acoustic lens of the finest design, improves high frequency directional characteristics without reducing all important sound pressure, as shown in Fig. 2.

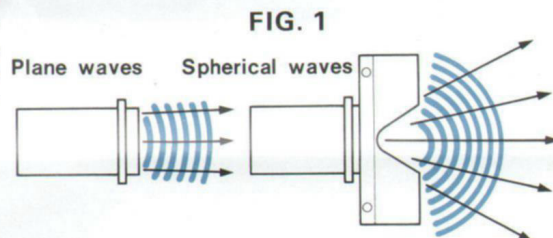


FIG. 1

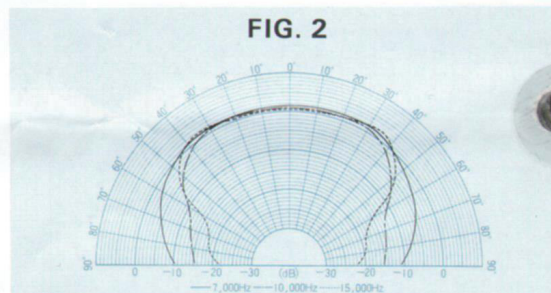


FIG. 2

Directional characteristics of the AL-601 used in combination with the CORAL H-60 horn tweeter.

Directional characteristics of the AL-601 used in combination with the CORAL H-60 horn tweeter

ASSEMBLY & MOUNTING

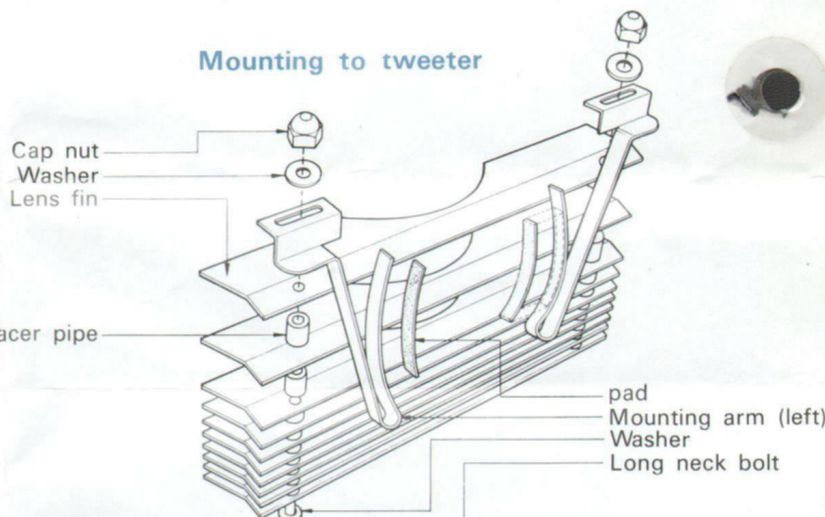
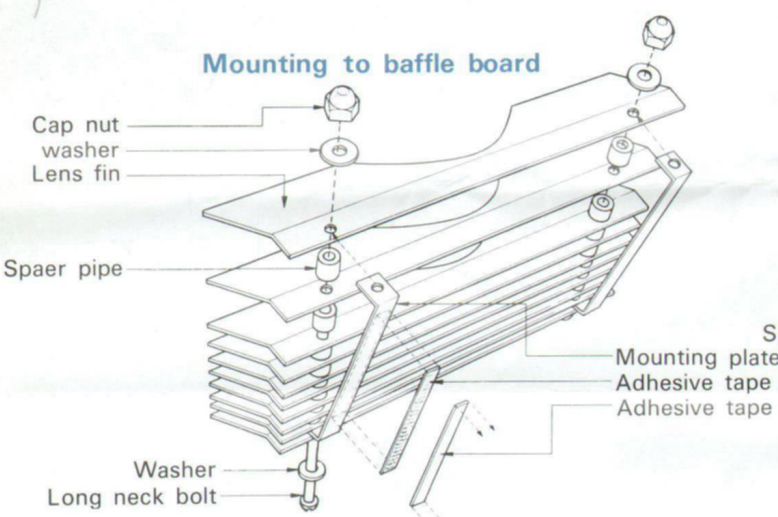
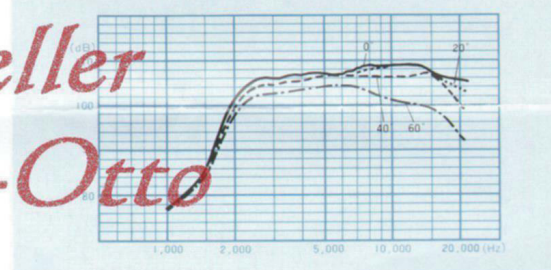
The AL-601 may be used in combination with the CORAL H-60 horn tweeter or any tweeter that has a horn opening diameter of up to 60mm.

For assembly, refer to the illustrations below. The AL-601 may be mounted on the baffle board or directly to the tweeter. With the latter, assembly and mounting should be determined by the tweeter used (allowable outside dimension of the horn is 60-95mm ϕ).

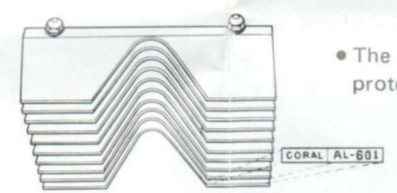
AL-601 Part List

Item	Q'ty
Lens fin	20
Mounting arm (left)	2
Mounting arm (right)	2
Mounting plate	1
Spacer pipe	2
Long neck bolt	4
Washer	8
Cap nut	2
Self-adhering cloth tape	1
Pad	4
Label	2

© beim Hersteller Archiv Michael-Otto



- NOTE:**
- Peel off the protective sheet from each lens fin before assembling.
 - The backs of the self-adhering cloth tape and the pad are adhesive-coated. Remove the protective tape before use.



- The labels are also adhesive-backed. Remove the protective tape before positioning.

Specifications and design are subject to change without notice due to improvements or modifications.