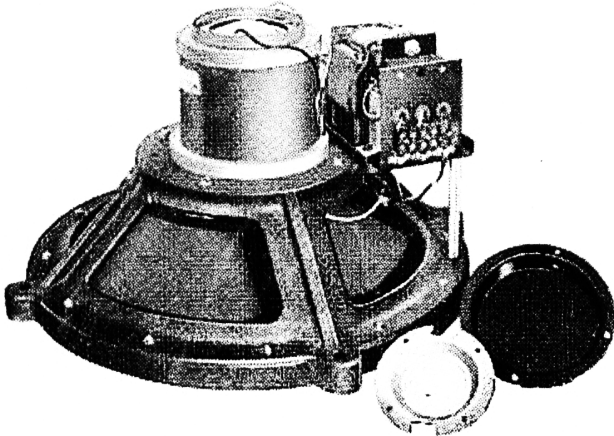
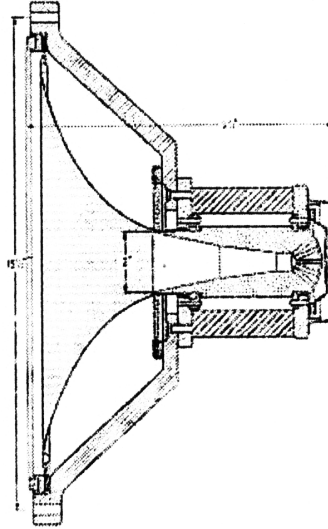


TANNOY

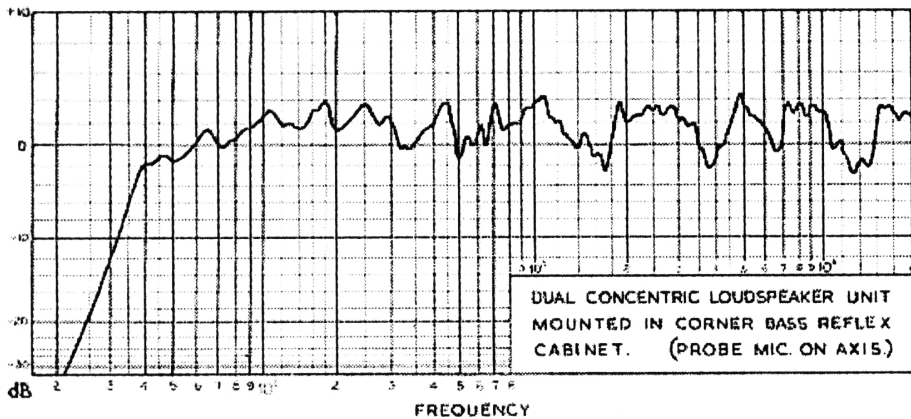
DUAL CONCENTRIC LOUDSPEAKER SYSTEMS



Unit with rear covers removed showing H.F. Unit and crossover



Cross sectional Diagram showing details of the Dual Concentric System.



The above response curve relates to a 15" dual concentric, the response of a 12" unit is substantially the same in all respects

TECHNICAL SPECIFICATION.

12" Dual Concentric Loudspeaker.

H.F. Voice coil diameter	2"
L.F. " " "	2"
H.F. " " Impedance	14 ohms. at 3000 c.p.s.
L.F. " " "	18 ohms. at 400 c.p.s.
Flux density L.F. Gap	10,000 gauss, B: L: 6.3 x 10 ⁻³
" " H.F. Gap	15,000 gauss, B: L: 1.1 x 10 ⁻³
Power handling capacity	15 watts.
Impedance via crossover network	18 ohms.
Polar distribution - 3dB at 10,000 c.p.s. for 60° inc. angle	
Intermodulation produces	less than 2 per cent.
Bass resonance	35 c.p.s.
Crossover frequency	1,750 c.p.s.
Overall diameter of frame	12"
Overall Depth	7"
Fixing Holes p.c.d.	11"
Weight, 10 lbs. (Crossover network on separate chassis.)	
Finish, Black Anodised and Cadmium plate	

15" Dual Concentric Loudspeaker.

H.F. Voice coil diameter	2"
L.F. " " "	2"
H.F. " " Impedance	12 ohms. at 2000 c.p.s.
L.F. " " "	12 ohms. at 400 c.p.s.
Flux density L.F. Gap	12,000 gauss, B: L: 7.7 x 10 ⁻³
" " H.F. Gap	18,000 gauss, B: L: 1.39 x 10 ⁻³
Power handling capacity	25 watts peak.
Impedance via crossover network	15 ohms.
Polar distribution - 4dB at 10,000 c.p.s. for 60° inc. angle	
Intermodulation produces	less than 2 per cent.
Bass resonance	40 c.p.s.
Crossover frequency	1000 c.p.s.
Overall diameter of frame	15"
Overall depth	11"
Fixing Holes p.c.d.	15"
Weight, including crossover	30 lbs.
Finish, Cadmium plate and stove enamel	

1947 Il celebre Tannoy Dual Concentric. Sono notevoli le somiglianze con l'Altec 601 del 1943, ma la particolarità del Tannoy è quella di sfruttare il singolare profilo del cono del woofer come naturale prolungamento della tromba del tweeter. Tale tipo di costruzione è in pratica la caratteristica saliente di tutte le successive evoluzioni del Dual Concentric.