

I -Bibliography

I.1 - Direct-radiator speakers

- [1] E. de Boer, *Acoustic Interaction in Vented Loudspeaker Enclosures*, Journal of Acoustic Am., vol. 31, page 246 (Feb. 1959).
- [2] A. N. Thiele, *Loudspeakers in Vented Boxes*, Journal of Audio Engineering Society, vol. 19, pages 382-392 (May 1971) and pages 471-483 (June 1971).
- [3] L. L. Beranek, *Acoustics*, McGraw-Hill, New York, 1954.
- [4] J. E. Benson, *Theory and Design of Loudspeaker Enclosures*, A.W.A. Tech. Rev., vol. 14, page 1, 1968.
- [5] R. F. Allison and R. Berkovitz, *The Sound Field in Home Listening Rooms*, presented at 39th Convention of the Audio Engineering Society, October 1970.
- [6] American National Standards Institute, *American Standard Recommended Practices for Loudspeaker Measurements*, Standard S1.5-1963 (1963).
- [7] British Standards Institution, *British Standard Recommendations for Ascertaining and Expressing the Performance of Loudspeakers by Objective Measurement*, B.S. 2498 (1954).
- [8] International Electrotechnical Commission, *IEC Recommendation, Methods of Measurement for Loudspeakers*, IEC Publ. 200 (1966).
- [9] H. F. Olson, *Dynamical Analogies*, Van Nostrand, New York, 1943.
- [10] J. F. Novak, *Performance of Enclosures for Low-ressonance High-compliance Loudspeakers*, Journal of Audio Engineering Society, vol.7, page 29 (Jan. 1959).
- [11] P. W. Klipsch, *Modulation Distortion in Loudspeakers*, Journal of Audio Engineering Society, vol.17, page 194 (Apr. 1969).
- [12] P. W. Klipsch, *Modulation Distortion in Loudspeakers - Part II*, Journal of Audio Engineering Society, vol.18, page 29 (Feb. 1970).
- [13] R. H. Small, *Direct-radiator Loudspeaker System Analysis*, Journal of Audio Engineering Society, vol. 20, page 383 (Jun. 1972).
- [14] P. W. Klipsch, *Modulation Distortion in Loudspeakers*, Journal of Audio Engineering Society, vol. 17, no. 2, page 194 (April 1969); part II vol. 18, no. 1, page 29 (Feb. 1970).

I.2 - Sealed enclosures

- [1] R. H. Small, *Closed-box Loudspeakers Systems*, Journal of Audio Engineering Society, vol. 20, page 798 (Dez. 1972) and vol. 21, page 11 (Jan/Feb 1973).
- [2] L. L. Beranek, *Acoustics*, McGraw-Hill, New York, 1954.
- [3] H. F. Olson and J. Preston, *Loudspeaker Diaphragm Support Comprising Plural Compliant Members*, U.S. Patent 2,490,466 (December, 6th 1949).

- [4] H. F. Olson, *Analysis of the Effects of Nonlinear Elements Upon the Performance of a Back-enclosed Direct-radiator Loudspeaker Mechanism*, Journal of Audio Engineering Society, vol. 10, page 156 (April 1962).
- [5] E. M. Villchur, *Commercial Acoustic Suspension Speaker*, Audio, vol. 39, no. 7, page 18 (July 1955).
- [6] E. M. Villchur, *Problems of Bass Reproduction in Loudspeakers*, Journal of Audio Engineering Society, vol. 5, no. 3, page 122 (July 1957).
- [7] E. M. Villchur, *Loudspeakers Damping*, Audio, vol. 41, no. 10, page 24 (Oct. 1957).
- [8] R. C. Avedon, W. Kooy and J. E. Burchfield, *Design of the Wide-range Ultra-compact Regal Speaker System*, Audio, vol. 43, no. 3, page 3 (March 1959).
- [9] E. M. Villchur, *Another Look at Acoustic Suspension*, Audio, vol. 44, no. 1, page 24 (Jan. 1960).
- [10] R. H. Small, *Direct-radiator Loudspeaker System Analysis*, Journal of Audio Engineering Society, vol. 20, page 383 (Jun. 1972).
- [11] J. E. Benson, *Theory and Design of Loudspeaker Enclosures*, A.W.A. Tech. Rev., vol. 14, page 1, 1968.
- [12] J. D. Finegan, *The Inter-relationship of Cabinet Volume, Low Frequency Resonance and efficiency for Acoustic Suspension Systems*, Presented at the 38th Convention of the Audio Engineering Society, May 1970.
- [13] T. Matzuk, *Improvement of Low-frequency Response in Small Loudspeaker Systems by Means of the Stabilized Negative-Spring Principle*, J. Acoustic Soc. Am., vol. 49, no. 5 (part I), page 1362 (May 1971).
- [14] A. N. Thiele, *Loudspeakers in Vented Boxes*, Journal of Audio Engineering Society, vol. 19, pages 382-392 (May 1971) and pages 471-483 (June 1971).
- [15] J. King, *Loudspeaker Voice Coils*, Journal of Audio Engineering Society, vol. 18, no. 1, page 34 (Feb. 1970).
- [16] J. L. Grauer, *Acoustic Resistance Damping for Loudspeaker*, Audio, vol. 49, no. 3, page 22 (March 1965).
- [17] V. Brociner, *Speaker Size and Performance in Small Cabinets*, Audio, vol. 54, no. 3, page 20 (March 1970).
- [18] R. H. Small, *Simplified Loudspeaker Measurement at Low Frequencies*, Journal of Audio Engineering Society, vol. 20, no. 1, page 28 (Jan./Feb. 1972).
- [19] J. R. Ashley, *Efficiency Does Not Depend on Cone Area*, Journal of Audio Engineering Society, vol. 19, no. 10, page 863 (Nov. 1971).
- [20] J. E. Benson, *Theory and Design of Loudspeaker Enclosures - Part III*, A.W.A. Tech. Rev., vol. 14, page 369, 1972.

I.3 - Vented enclosures

- [1] A. N. Thiele, *Loudspeakers in Vented Boxes*, Journal of Audio Engineering Society, vol. 19, pages 382-392 (May 1971) and pages 471-483 (June 1971).
- [2] E. J. Jordan, *Loudspeaker Enclosure Design*, Wireless World, vol.62, page 8 (Jan. 1956) and page 75 (Feb. 1956).

- [3] J. F. Novak, *Performance of Enclosures for Low-ressonance High-compliance Loudspeakers*, Journal of Audio Engineering Society, vol.7, page 29 (Jan. 1959).
- [4] L. L. Beranek, *Acoustics*, McGraw-Hill, New York, 1954.
- [5] H. F. Olson, *Elements of Acoustical Engineering*, 2nd edition., New Jersey, 1947)
- [6] O. W. Eshbach, *Handbook of Engineering Fundamentals*, New York, 1936.
- [7] J. L. Stewart, *Circuit Theory and Design*, New York, 1956.
- [8] F. Langford-Smith, *Radiotron Designer's Handbook*, Sydney, 1952.
- [9] A. N. Thiele, *Television IF Amplifiers with Linear Phase Response*, Proc. IRE, vol.19, page 655, 1958.
- [10] B. N. Locanthi, *Application of Electric Circuit Analogies to Loudspeakers Design Problems*, IRE Trans. Audio, vol. PGA-6, page 15 (Mar. 1952).
- [11] R. H. Lyon, *On the Low-frequency Radiation Load of a Bass-Reflex Speaker*, Journal of Acoustical Society of America, vol. 29, page 654 (May 1957).
- [12] B. C. Reith, *Bass-reflex Enclosures*, Wireless World, vol. 73, page 38 (Jan. 1967).
- [13] J. F. Novak, *Designing a Ducted-port Bass-reflex Enclosure*, Electronics World, vol. 75, page 25 (Jan. 1966).

I.4 - Band-pass enclosures

- [1] J. Vanderkooy and S. P. Lipshitz, *Power Response of Loudspeakers with Noncoincident Drivers - The Influence of Crossover Design*, Journal of Audio Engineering Society, vol. 34, page 236 (Apr. 1986).
- [2] R. F. Aiemer, W. H. Trauter and D. R. Fannin, *Signals and Systems*, New York, 1983.
- [3] F. F. Kuo, *Network Analysis and Synthesis*, New York, 1962.
- [4] Lang, *US Patent 2.689.016*, 1953/1954.
- [5] L. R. Fincham, *A Band-pass Loudspeaker Enclosure*, Journal of Audio Engineering Society, vol.27, page 600 (July/Aug. 1979).
- [6] D. L. Clark and E. Geddes, *Passively Assisted Loudspeakers*, Journal of Audio Engineering Society, vol. 33, page 1010 (Dec. 1985).
- [7] A. d'Alton, *Acoustic Device*, US Patent 1.969.704 (1933/1934).
- [8] A. G. Bose, *Multiple Porting Loudspeakers Systems*, US Patent 4.549.631 (1983/1985).