



**A Great New Series of High-Performance
Loudspeakers for Enhanced Listening Pleasure.**

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new advanced-design JENSEN
loudspeakers including 15-inch to
5-inch sizes in speaker systems
and single-unit direct-radiator
types for unsurpassed reproduc-
tion quality to meet every cost,
size, and performance need.



MODEL H-510

MODEL

H-510 Coaxial

HIGH FIDELITY LOUDSPEAKER SYSTEM

WITH

NEW WIDE-ANGLE ACOUSTIC LENS

A better two-way speaker has never been offered at any price!

constant over the room, and to a degree heretofore unrealized.

A new annular Diaplane l-f radiator contributes increased smoothness of response. The high frequency range is reproduced by means of a new compression driver unit. The terminating horn passes through the pole piece of the l-f structure and is extended forward within the l-f radiator as a separate unit. Unusually high power rating and efficiency due to advanced design; Alnico 5 PM magnetic structure and superior electroacoustic engineering.

Specifications

Frequency Range Rating: +7LIM.

Input Impedance: 16 ohms. (See also Type T Transformer Assembly).

Power Rating: 25 watts maximum speech and music signal input.

Network: Integral frequency-division system. (See Model A-110 Control Network for accessory H-F and Level Control facilities).

Dimensions: Baffle opening, 13½"; O.D., 15¼"; depth, 9-9/16".

List Price **\$135⁰⁰**

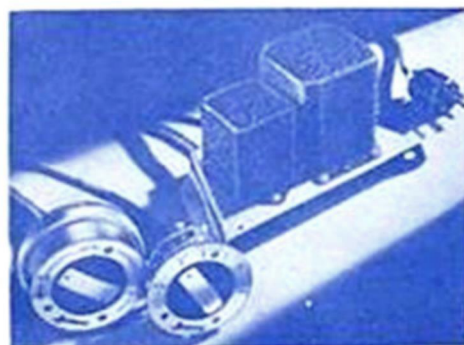
Model H-510 Coaxial, ST-828

Advanced electroacoustic design throughout all engineering details of Model H-510 has made this Coaxial loudspeaker system unsurpassed among 2-way systems for the most critical applications, including professional sound reproduction, broadcast monitoring, and distinguished home entertainment systems. A better integral two-way speaker has never been offered before at any price, and in comparative tests with the most expensive types heretofore offered, the vastly superior "presence" and the unusual cleanness and thrilling realism of reproduction of Model H-510 are impressively evident.

Model H-510 Coaxial employs a wide-angle ACOUSTIC LENS in conjunction with the Hypex formula h-f horn, for improved spatial distribution of h-f radiation. Polar pattern is uniform over a much wider angle in the critical h-f region than that attained by any other method investigated in the JENSEN laboratories, including the old practice of horn subdivision. The result is that "presence" and brilliance of reproduction are maintained essentially

CONTROL NETWORK

FOR H-510, K-410, K-310
COAXIAL SYSTEMS



No wiring to do—just plug into socket on speaker terminal panel.

Provides adjustable level and high-frequency range controls for Models H-510, K-410 and K-310 Coaxial speakers. Mounts directly on speaker housing. Plug-in connections—no wiring changes necessary. Input impedance 16 ohms. May be used in conjunction with Impedance-Adjusting Transformers. Chassis complete with network, speaker connection cord and plug. Level Control and H-F Range Control on individual 30" cables for remote mounting on cabinet, satin brass flush-type escutcheons, bar knobs and mounting screws.

List Price

A-110 Control Network, ST-832

\$26.50



Modern flush-type controls mount on cabinet in convenient location.

FIDELITY LOUDSPEAKER

MODEL

K-410 Coaxial

HIGH-FIDELITY LOUDSPEAKER SYSTEM

This new Coaxial speaker achieves an entirely new order of performance in its price class and represents an outstanding value as judged by critical listeners who are experienced in evaluating reproduction quality. Recommended for professional applications, broadcast monitoring, and fine custom home entertainment systems. Exceptionally smooth response due to Diaplane 1-f radiator and new piston-type h-f unit. Excellent polar characteristic. Efficiency is very high for a speaker of this type. Integral frequency-division system. Alnico 5 PM field.

Specifications

Frequency Range Rating: +7 LIM.

Input Impedance: 16 ohms. (See also Type T Transformer Assembly)

Power Rating: 20 watts maximum speech and music signal input.

Network: Integral frequency-division provided. (See Model A-110 Control Network for easily added H-F and Level Control facilities.)

Dimensions: Baffle opening, 13 1/4"; O.D., 15 1/8"; depth, 9".

Price List

Model K-410 Coaxial, ST-829

\$94.25



MODEL
K-410

MODEL

K-310 Coaxial

HIGH-FIDELITY LOUDSPEAKER SYSTEM

Though Model K-310 Coaxial is the lowest-cost 15-inch Coaxial speaker, quality of reproduction is excellent. In cleanness, presence and spatial distribution of high frequencies, as well as in extent of h-f range, Model K-310 will outperform many speakers offered at substantially higher prices. Good efficiency and power rating. An eminently satisfactory loudspeaker for listeners who are hard to satisfy. Has the JENSEN Diaplane radiator and new piston-type h-f unit. Integral frequency-division system. Alnico 5 PM structure.

Specifications

Frequency Range Rating: +7 LIM.

Input Impedance: 16 ohms. (See also Type T Transformer Assemblies)

Power Rating: 16 watts maximum speech and music signal input.

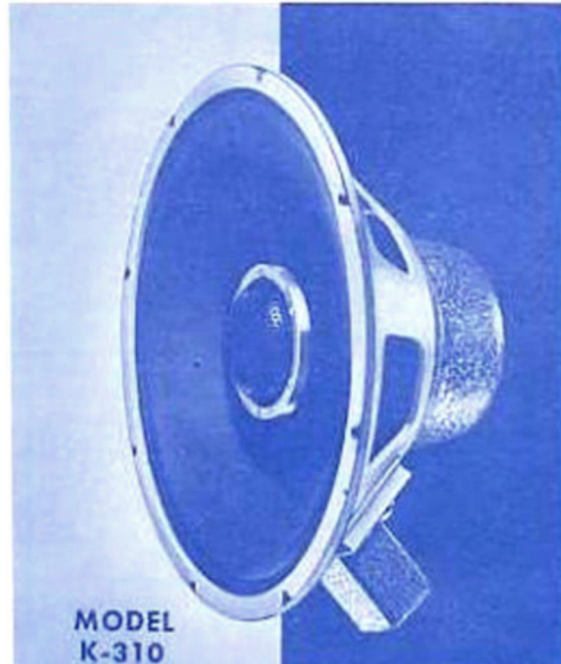
Network: Integral frequency-division provided. (See Model A-110 Control Network for easily added H-F and Level Control facilities.)

Dimensions: Baffle opening, 13 1/4"; O.D., 15 1/8"; depth, 8 1/8".

Price List

Model K-310 Coaxial, ST-830

\$56.25



MODEL
K-310



IMPEDANCE-ADJUSTING TRANSFORMERS

FOR H-510, K-410, K-310
COAXIAL SYSTEMS



Switch on chassis selects either of two input impedance values.

These high quality transformers have been designed to provide alternative input impedances for Models H-510, K-410 and K-310 Coaxial speakers. Excellent efficiency and high-fidelity performance. Switch on chassis gives choice of two impedance values. No wiring necessary—connecting plug is simply inserted in socket on speaker terminal panel. May be used in conjunction with Model A-110 Control Network.

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|--|-------------------|
| <i>Model T-101 Transformer Assembly, ST-833</i> | <i>List Price</i> |
| Impedance of 4 and 8 ohms | \$12.00 |
| <i>Model T-102 Transformer Assembly, ST-834</i> | |
| Impedances of 500-600 and 250 ohms | 12.00 |
| <i>Model T-103 Transformer Assembly, ST-835</i> | |
| Impedances of 10,000 and 5,000 ohms, center tapped. For plate or high-impedance line coupling. | 12.00 |



Rear view of assembled Control Network (left) and Impedance-Adjusting Transformer Assembly.

MODEL K-210 Coaxial HIGH-FIDELITY 12-INCH LOUDSPEAKER

Model K-210 Coaxial provides high-fidelity reproduction characteristic of the Coaxial two-way system in a unit of small size and amazingly low cost. Its compactness and low cost make it ideal for applications where these factors are limitations, as a modernizing unit for radio receivers, phonographs, and television sets equipped with 12-inch single-unit direct-radiator speakers. Complete with built-in frequency-division system.

Specifications

Frequency Range Rating: +7 LIM.

Input Impedance: 8 ohms. (See JENSEN catalog for suitable transformers if needed.)

Power Rating: 12 watts maximum speech and music signal input.

Network: Built-in frequency-dividing system.

Dimensions: Baffle opening, 10½"; O.D., 12¼"; depth, 6-5/16".

Model K-210 Coaxial, ST-831

Price List

\$33.40



MODEL
K-210

ST 836 "L"-type variable control for "shelving" high-frequency response of Model K-210 Coaxial. Impedance 16 ohms. Complete with flush-type satin brass escutcheon and bar knob.

List Price **\$4.85**



Type D Cabinet

Because it has distinguished style and beauty, Type D cabinet has been widely used in broadcast studios and reception rooms. Available in walnut or blonde finish—two sizes for 12-inch and 15-inch speakers.

Customode

Customode is the JENSEN "building block" solution for the problem of housing the custom home entertainment system. A few basic units may be assembled in countless ways to meet exact needs. Center unit is Type M Reproducer cabinet with Bass Reflex, for 15-inch loudspeaker. Ask for Customode literature.

*For Convenience... for Beauty...
for far Better Performance...*

USE JENSEN Bass Reflex CABINETS

Maximum low-frequency performance from a loudspeaker requires a correctly proportioned acoustical environment,—and you get this in a JENSEN Bass Reflex Cabinet... plus fine appearance, distinctive styling and sound construction.

The Bass Reflex principle gives maximum extension of low-frequency response, effectively utilizes "back radiation" which otherwise would be wasted.

A complete line of cabinets in furniture and utility types is described in the JENSEN catalog. Ask for your copy.



MORE THRILLING, LIFE-LIKE SOUND REPRODUCTION

Now, for the first time, a complete series of loudspeakers is available to meet all needs for high quality reproduction — every cost, size and degree-of-performance requirement — in the new Genuine JENSEN Wide-Range series.

Included in the Genuine JENSEN Wide-Range series are the following types:

Single-Unit Extended-Range Loudspeakers (5" to 15")

Coaxial 2-Way High-Fidelity Loudspeaker Systems (12" and 15")

Every loudspeaker and loudspeaker system in the series has been designed with the same objective . . . the achievement of the finest possible reproduction of music attainable for the size and type. Every model in the series sets a new high standard of performance . . . a new value . . . makes listening a thrilling new experience.

WHAT GENUINE JENSEN WIDE-RANGE MEANS

Mere extension of response to high frequencies is not enough to insure truly satisfying reproduction . . . good listening which improves with closer acquaintance. Much more is required to make music come to life, free from annoying factors which might mar the illusion of reality. So, by application of the most modern principles of acoustics, confirmed by precise measurements and checked by exhaustive quality judgments and comparative listening tests, Genuine JENSEN Wide-Range loudspeakers give you all 7 Performance Points for enhanced listening pleasure: (1) Wide Frequency Range, (2) Balanced Frequency Response, (3) Smooth Reproduction, (4) Wide-Angle

Distribution, (5) Low Distortion, (6) Good Efficiency, and (7) Adequate Power-Handling Capacity.

And add to all this extra features for convenience and reliability . . . the rugged dependability of sound design and skilled workmanship . . . the famous JENSEN "know how" behind the product at every stage.

Thus Genuine JENSEN Wide Range means much more than wide frequency range — it means superior performance all the way — in every attribute that makes for enhanced listening pleasure.

Whatever the limitations of cost or size the choice of a loudspeaker from the Genuine JENSEN Wide-Range series automatically insures a maximum of performance to today's new high standards . . . a judicious choice to meet exact needs. Only in the Genuine JENSEN Wide-Range series can you make such an exact choice.

EXCLUSIVE NEW DEVELOPMENTS

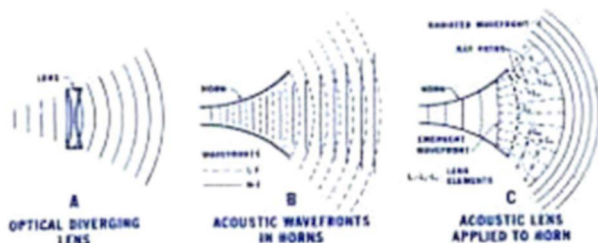
Throughout the Genuine JENSEN Wide-Range series will be found exclusive technical features not available in any other loudspeakers. Among these are: the JENSEN articulated cone-horn which leads to maximum compactness in a multiple speaker system; annular form Diaplane radiator for smooth response; Hypex contour horns for maximum transmission bandwidth; the wide-angle Acoustic Lens for wide-angle distribution of the highest frequencies. And these are only a few of the many JENSEN-originated features which constant research has produced in a program directed toward finer sound reproduction.

THE NEW JENSEN WIDE-ANGLE ACOUSTIC LENS

Proper wide-angle distribution of the high frequencies radiated from a loudspeaker is one of the subtle factors which adds realism to reproduction.

JENSEN research has developed a truly effective means of extending wide-angle radiation out of the very highest frequencies reproduced by very wide-range loudspeaker systems. This is the Wide-Angle ACOUSTIC LENS—another important "first" in loudspeakers by JENSEN. As the name suggests, the lens borrows a principle from optics which has now been applied effectively to acoustics. Model H-510 Coaxial system is first to incorporate this new development.

As illustrated in Fig. A, the optical diverging lens operates by slowing down the transmission of light in the progressively thicker outer section. The central rays thus advance farther in a given time than those emerging from the edge so that the wave front has the desired spherical form. Fig. B shows the departure from the spherical front typical of medium-frequency radiation from a small acoustic unit (horn), to a more nearly plane or "beam" front at



the highest frequencies. Fig. C shows the corrective action of the lens in the desired high-frequency region, brought about by a graduated acoustic time delay which increases from center to the edge of the system. The effect is a more uniform wide-angle radiation over a very wide frequency range, and without many of the shortcomings of other methods which attempt to achieve this result.

EXTENDED RANGE LOUDSPEAKERS

SINGLE-UNIT DIRECT-RADIATOR TYPE



P15-NX,

No longer is good listening ruled out by cost or size restrictions. Continuing in the tradition of notable developments in improved sound reproduction, JENSEN presents a new series of single-unit direct-radiator speakers eminently worthy to carry the Genuine JENSEN Wide-Range label. In these units, ranging from 5-inch to 15-inch size classes, the objective was to attain the highest level of performance by proper extension of the frequency range and control of those factors which lend "presence" to reproduction quality.

P12-NX



Most designs have been under development for a period of years and represent the culmination of a long series of improvements. Predecessor models have been widely accepted, for example in the broadcast field where they have performed capably the critical function of reflecting accurately the sound quality of outgoing programs. We do not know of any other manufacturer of loudspeakers whom experience has comparably qualified to offer products of such high quality.

The selection of a direct-radiator loudspeaker from this series, based on size or cost appropriate to the application, automatically insures a maximum of extended-range reproduction quality. Alternate models in the same size group, differing mainly in efficiency and power rating, are available in all except the two smallest sizes.

JENSEN Extended-Range loudspeakers are ideal as modern replacement-improvement units for less worthy speakers in existing radio, television and record playing equipment. All designs listed are PM types utilizing Alnico 5 magnets. Frequency Range Rating, +6 LIM. See JENSEN catalog for suitable transformers.



P12-SX,
P10-SX



P8-SX



P6-TX, P5-TX

Nominal Size	Model No.	Stock No.	*Gap Energy Level	Dimensions, Inches			Voice Coil			Transformer Size†	List Price
				O.D.	Depth	Baffle Open	Diam. In.	Imped. Ohms	Pwr. Watts		
15"	P15-NX	ST-817	6.6	15 $\frac{1}{8}$	8	13 $\frac{1}{4}$	1 $\frac{1}{2}$	8	18.0	1" x 1"	\$57.25
12"	P12-NX	ST-819	6.6	12 $\frac{1}{8}$	7	10 $\frac{1}{2}$	1 $\frac{1}{2}$	8	16.0	1" x 1"	51.00
	P12-RX	ST-885	2.2	12 $\frac{1}{8}$	6 $\frac{1}{16}$	10 $\frac{1}{2}$	1	6-8	12.0	$\frac{7}{8}$ " x $\frac{7}{8}$ "	21.50
	P12-SX	ST-821	1.5	12 $\frac{1}{8}$	6 $\frac{1}{16}$	10 $\frac{1}{2}$	1	6-8	9.0	$\frac{7}{8}$ " x $\frac{7}{8}$ "	18.00
10"	P10-RX	ST-886	2.2	10 $\frac{1}{8}$	5 $\frac{1}{4}$	8 $\frac{3}{4}$	1	6-8	10.0	$\frac{7}{8}$ " x $\frac{7}{8}$ "	20.50
	P10-SX	ST-823	1.5	10 $\frac{1}{8}$	5 $\frac{1}{4}$	8 $\frac{3}{4}$	1	6-8	8.0	$\frac{3}{4}$ " x $\frac{3}{4}$ "	16.75
8"	P8-RX	ST-887	2.2	8 $\frac{1}{8}$	4	6 $\frac{3}{4}$	1	6-8	9.0	$\frac{3}{4}$ " x $\frac{3}{4}$ "	17.75
	P8-SX	ST-825	1.5	8 $\frac{1}{8}$	3 $\frac{13}{16}$	6 $\frac{3}{4}$	1	6-8	7.0	$\frac{3}{4}$ " x $\frac{3}{4}$ "	14.20
6"	P6-TX	ST-826	1.1	6 $\frac{11}{16}$	3 $\frac{3}{16}$	5 $\frac{1}{4}$	$\frac{3}{4}$	3-4	5.0	$\frac{5}{8}$ " x $\frac{5}{8}$ "	9.00
5"	P5-TX	ST-827	1.1	5 $\frac{1}{16}$	2 $\frac{5}{8}$	4 $\frac{1}{16}$	$\frac{3}{4}$	3-4	4.0	$\frac{1}{2}$ " x $\frac{1}{2}$ "	8.00

*Millions of cgs. †Size recommended.

Jensen manufacturing company

DIVISION OF THE MUTER COMPANY

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