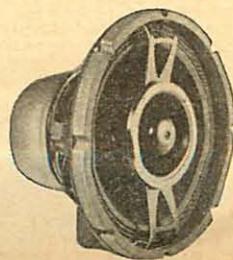
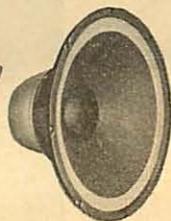
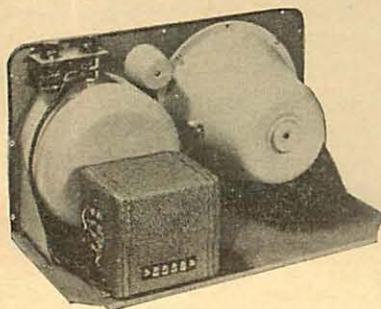
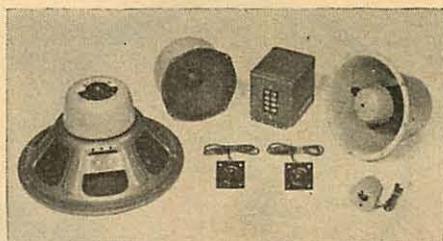
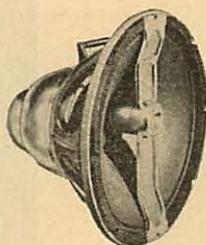
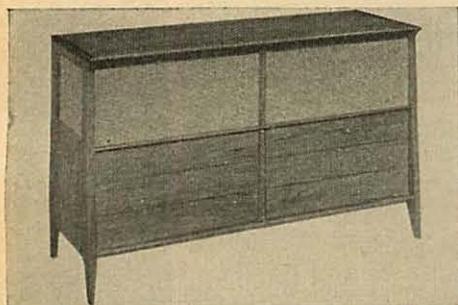


Jensen

HI-FI SPEAKERS... REPRODUCERS... ENCLOSURES

for MONOPHONIC...
for STEREOPHONIC SOUND

For all your hi-fi speaker needs, whatever the application, choose Jensen, the world's most extensive high fidelity loudspeaker line. Whether it be unitary, 2-way or 3-way assemblies, you'll find the greatest selection and price range in Jensen's Unax, Duax, 3-element, coaxial or Triaxial* (the only true 3-way) loudspeakers . . . for the do-it-yourselfer, there is a wide choice of speaker kits without equal in every price class . . . Jensen complete reproducers incorporate the extreme bass capability of the new amazing "Flexair*" woofer in combination with up-to-the-minute advances in midchannel and super-tweeter design and engineering . . . and they all incorporate the newest high-fashion "Flair Line" living-wise furniture . . . for stereo, the sensational Jensen "Stereo Director*" *that sends the sound to you*. For monophonic . . . for stereophonic sound—Jensen is *the* speaker line for you!



Complete speaker information is yours upon request—write your dealer for Jensen's newest High Fidelity Catalog—

*T.M.,

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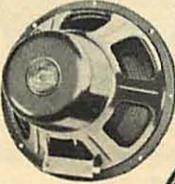
Jensen Concert & Viking Speakers

JENSEN CONCERT SERIES SPEAKERS

CONCERT SERIES PM SPEAKERS



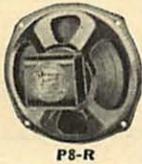
P314-T



P12-N



P10-S



P8-R



P69-V



P57-U



P275-Y



P4-W



P46-W

Nom. Size, Inches	Jensen No.	Mag. Wt., Oz.	Voice Coil			Dimensions, Inches			List Price
			Imp., Ohms	Power Watts	Dia., In.	H. & W.	Depth	Baffle Opening	
2 3/4	P275-Y	0.65	16	0.15	1/8	2 3/4	1 1/2	2 3/8	\$ 6.25
3	P3-W	1.00	3.2	3.5	1/8	3	1 1/2	2 3/8	4.30
3 1/2	P35-W	1.00	3.2	4.0	1/8	3 1/2	2	3 3/8	4.20
4	P4-W	1.00	3.2	4.5	1/8	4 1/2	2 1/4	3 3/8	4.20
4	P4-WV	1.00	4.5	4.5	1/8	4 1/2	2 1/4	3 3/8	4.35
4	P4-V	1.47	3.2	5.0	1/8	4 1/2	2 1/4	3 3/8	4.80
4 x 6	P46-W	1.00	3.2	4.5	1/8	4 3/4 x 6 3/8	2 1/2	3 11/16 x 5 11/16	4.95
4 x 6	P46-V	1.47	3.2	5.0	1/8	4 3/4 x 6 3/8	2 1/2	3 11/16 x 5 11/16	5.50
5	P5-W	1.00	3.2	5.0	1/8	4 3/4	2 1/2	4	4.55
5	P5-WV	1.00	4.5	5.0	1/8	4 3/4	2 1/2	4	4.70
5	P5-V	1.47	3.2	5.5	1/8	4 3/4	2 1/2	4	4.70
5	P5-T	3.16	3.2	6.0	3/8	4 3/4	2 1/2	4	7.40
5 3/4	P525-W	1.00	3.2	5.5	1/8	5 3/4	2 3/4	4 1/4	4.75
5 3/4	P525-V	1.47	3.2	6.0	1/8	5 3/4	2 3/4	4 1/4	5.25
5 x 7	P57-V	1.47	3.2	6.0	1/8	5 x 7 3/4	2 3/4	4 1/4 x 6 1/2	5.95
6	P6-W	1.0	3.2	6.0	1/8	6 1/2	2 3/4	5 1/4	4.85
6	P6-V	1.47	3.2	6.5	1/8	6 1/2	2 3/4	5 1/4	5.30
6	P6-T	3.16	3.2	7.5	3/8	6 1/2	2 3/4	5 1/4	7.80
6 x 9	P69-V	1.47	4	7.5	1/8	6 3/4 x 9 3/4	3 3/8	5 1/4 x 8 3/4	7.50
7	P7-V	1.47	3.2	7.0	3/8	7	3 3/8	6 3/8	7.00
8	P8-U	1.73†	3.2	9.0	1	7 11/16	3	6 3/4	7.65
8	P8-T	2.5‡	3.2	10.0	1	7 11/16	3 3/8	6 3/4	8.90
8	P8-S	4.64	8	11.0	1	7 11/16	3 3/8	6 3/4	13.25
8	P8-R	6.8	8	12.0	1	7 11/16	4	6 3/4	13.25
10	P10-T	2.5‡	3.2	11.0	1	10 1/2	5 1/4	8 3/4	10.75
10	P10-S	4.64	8	12.0	1	10 1/2	5 1/4	8 3/4	14.35
12	P12-T	2.5‡	3.2	12.0	1	12 1/2	6 1/8	10 1/2	11.80
12	P12-S	4.64	8	13.0	1	12 1/2	6 1/8	10 1/2	15.85
12	P12-R	6.8	8	14.0	1	12 1/2	6 1/8	10 1/2	17.35
12	P12-P	14.6	8	18.0	1 1/2	12 1/2	6 1/8	10 1/2	33.80
12	P12-N	27.0	8	20.0	1 1/2	12 1/2	7	10 1/2	52.80
14 x 3	P314-T	3.16	3.2	7.5	3/8	3 1/2 x 14 3/8	3 3/8	2 3/4 x 13 3/8	12.75
15	P15-P	14.6	8	20.0	1 1/2	15 3/8	8	13 1/4	45.20
15	P15-N	27.0	8	25.0	1 1/2	15 3/8	8	13 1/4	61.50

*All Magnets DP Alnico 5. All 10", 12" and 15" speakers equipped with magnet covers. †Performance equivalent to EIA 3.16 oz. ‡Performance equivalent to EIA 2.15 oz.

CONCERT SERIES FIELD COIL SPEAKERS

Nom. Size, In.	Jensen No.	Stock No.	Voice Coil*			Field			Dimensions, Inches			List Price
			Power Watts	Dia., In.	Resist. Ohms	Power Watts	H. & W.	Depth	Baffle Opening			
5 x 7	F57-W	ST-884	5.5	1/8	85	5.0	5 x 7 1/4	2 1/2	4 1/4 x 6 1/2	\$6.25		
6	F6-X	ST-189	5.0	1/8	450	4.5	6 3/8	2 1/2	5 1/4	5.50		

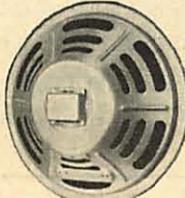
*All Voice Coil Impedances are 3.2 Ohms.

CONCERT SERIES SPECIAL OVAL GROUP FOR AUTO USE

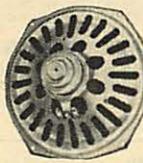
Nom. Size Inches	Model No.	Mag. Wt., Oz.	Voice Coil			Dimensions, Inches			List Price
			Imp. Ohms	Power Watts	Dia., In.	H. & W.	Depth	Baffle Opening	
5 x 7	P57-U	1.73†	3.2	8.0	1	5 x 7 3/4	2 1/2	4 1/4 x 6 1/2	\$7.20
5 x 7	P57-TX‡	2.5‡	3.2	9.0	1	5 x 7 3/4	2 1/2	4 1/4 x 6 1/2	8.35
6 x 9	P69-U	1.73†	3.2	9.0	1	6 3/8 x 9 3/8	3 3/8	5 1/4 x 8 3/4	7.80
6 x 9	P69-T	2.5‡	3.2	10.0	1	6 3/8 x 9 3/8	3 3/8	5 1/4 x 8 3/4	8.65
6 x 9	P69-TX‡	2.5‡	3.2	10.0	1	6 3/8 x 9 3/8	3 3/8	5 1/4 x 8 3/4	8.95

‡High Fidelity Model. *All Magnets DP Alnico 5. †Performance Equivalent to EIA 2.15 oz. ‡Performance Equivalent to EIA 3.16 oz.

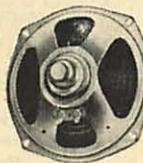
JENSEN VIKING SERIES REPLACEMENT SPEAKERS



12J10, 10J10



7J9



6J6, 8J9



57J9



525J6



46J6



35J6

Nom. Size In.	Model No.	Mag. Wt. Oz.	Pwr. Watts	V.C. Dia. In.	Dimensions in Inches			List Price
					H. & W.	Depth	Baffle Opening	
3	3J6*	0.85	3.0	1/8	3	1 1/2	2 3/8	\$3.70
3 1/2	35J6*	0.85	3.5	1/8	3 1/2	1 3/4	3 3/8	3.60
4	4J6*	0.85	4.0	1/8	4 3/8	1 3/4	3 3/8	3.60
4 x 6	46J6†	0.85	4.0	1/8	4 3/4 x 6 3/8	1 1/2	3 11/16 x 5 11/16	4.70
5	5J6	0.85	4.5	1/8	5	1 1/2	4	4.05
5 1/4	525J6*	0.85	5.0	1/8	5 1/4	2 1/4	4 1/4	4.15
5 x 7	57J9†	1.47	6.0	3/8	5 x 7 3/4	2 1/2	4 1/4 x 6 1/2	5.85
6	6J6*	0.85	5.5	1/8	6 1/8	2 1/2	5 1/4	4.35

Nom. Size In.	Model No.	Mag. Wt. Oz.	Pwr. Watts	V.C. Dia. In.	Dimensions in Inches			List Price
					H. & W.	Depth	Baffle Opening	
6 x 9	69J9†	1.47	7.5	3/8	6 3/8 x 9 3/8	2 1/2	5 1/4 x 8 3/4	\$6.50
7	7J9	1.47	7.0	3/8	7	2 1/2	6 3/8	6.25
8	8J9	1.47	8.0	3/8	8	2 1/2	7 1/8	6.25
10	10J10	1.73	10.0	1	10 1/2	3 3/8	8 3/4	9.00
12	12J10	1.73	11.0	1	12 1/2	4 3/8	10 1/2	10.00

‡3.2 ohm voice coils. †Alnico 5 magnets. ‡Oval design. *CTM-1 univ. mtg. bracket free on request; also holds 1/2" sq. transformer.

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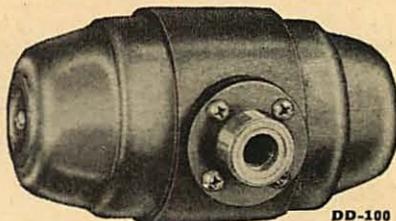
Jensen Professional Series



D-30



D-40



DD-100

NEW HYPEX® LIFETIME DRIVER UNITS

The new Jensen Hypex® Lifetime Driver Units have many new features which contribute to increased performance and reliability. Frequency range is based on achieving substantially higher conversion efficiency, higher power ratings and improved reliability over comparable units previously available, while affording good fidelity in the reproduction of speech and music. Lower cutoff frequency is somewhat below those of the horns with which they will be used; the specifications show the maximum upper limiting frequencies, but response has been shaped to give emphasis to the 3-5 kc region, which is extremely important in high efficiency sound projection. As a result of these design choices and special research on ruggedization, the D-30 can be rated at 30 watts speech and music, D-40 at 40 watts, and a Lifetime Guarantee extended against failure under normal conditions of use!

The DD-100 100-watt Superpower Driver Unit, similarly guaranteed, is the first double acting integrated sound chamber driver unit ever to be offered; it is also the first 100 watt unit available, achieving a higher power input rating to a single projector or an array, than has ever been possible before. Magnetic structures are the most efficient that research has been able to develop, yielding the highest magnetic energy from the generous sized Alnico V magnets which scientific proportioning of magnet material and soft iron structure can provide. Specially shaped reinforced plastic diaphragms combine ruggedness with excellent acoustic properties and freedom from "breakup". Voice Coils are varnish wound, baked and aged on treated, heat and moisture resistant bobbins, resulting in a rigid assembly that is indestructible in normal service. Beryllium copper leads are indefinitely fatigue-resistant. Models D-40 and DD-100 have precision self-centering moving system assemblies which are added insurance for dependability under severe operating conditions. External leads connect to heavy binder screw terminals; added reliability for wiring is provided by strain reliefs on all units. All units are threaded 1 1/4"-18.

SPECIFICATIONS

Model	Power Rating†	Impedance	Frequency Range	Length	Diameter	Weight, lbs.		List Price
						Net	Shpg.	
D-30	30 w.	16 ohms	75-7,000 cps	4 1/2"	4 1/2"	3 1/4	3 1/2	\$27.50
D-40	40 w.	16 ohms	75-10,000 cps	4 1/2"	4 1/2"	4	4 1/4	36.00
DD-100	100 w.	8/32 ohms	75-10,000 cps	5 1/2"	8 1/2"	7 1/2	8	96.50

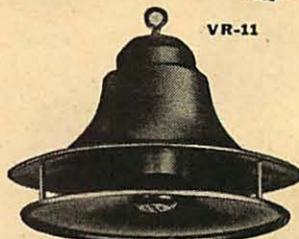
†Integrated speech and music program material. For sine wave or siren signal input, reduce ratings one-half. Ratings apply only for frequencies above horn cutoff.



HF-100



VH-91A



VR-11

JENSEN COMPLETE HYPEX® PROJECTORS

HF-100 WEATHERPROOF TWO-WAY HIGH FIDELITY PROJECTOR

Here is a real high fidelity projector for use indoors or out, under all weather conditions. Consists of a heavy duty 8" "woofer" feeding a folded horn plus a horn-loaded compression driver "tweeter". Low frequency unit feeds horn by a combination of direct radiation and phase-inversion bass reflex ports for superior efficiency in the low frequency region. The high frequency horn has a 90° fold and is mounted so that the driver unit is at the top, thus providing self-draining and making it impossible for rain, sleet or snow to reach the driver unit. Horn outer section is spun aluminum with baked enamel finish. Central enclosure is glass fibre reinforced polyester in matching natural molded Modern Tan finish. Sturdy "U" mounting bracket is fully adjustable and positive locking.

SPECIFICATIONS: HF-100 PROJECTOR

Type: Coaxial assembly of separate low and high frequency units.
 Frequency Range: 70 to 15,000 cycles.
 Power Rating: 25 watts.
 Impedance: 16 ohms.
 Rated Coverage Angle: 120°.
 Overall Diameter: 24 1/2".
 Overall Depth: 11 1/2".
 Net Weight: 23 lbs.
 Shipping Weight: 30 lbs.
 HF-100—List Price \$129.50.

Jensen VH-91A and VR-11 Hypex® projectors are the most compact in the line and their use is indicated where speech reproduction is the only important consideration and where size or cost are controlling factors. Designed for maximum efficiency in the upper frequency range, these units provide excellent penetration of noise. Small in size, they can also be located near areas of extreme noise. Magnetic structures are highly efficient, using Alnico V magnets in ample soft iron structures. Corrosion-resisting finishes and materials such as plastic cloth base diaphragms insure long life under outdoor and industrial atmospheric conditions. For further protection driver units are completely enclosed inside the rigid outer shell.

MODEL VH-91A HYPEX® PROJECTOR

Equipped with new universal mounting bracket for adjustment in any direction and secure locking with a single wing nut. Extremely rigid vibration-proof clamping allows three hole flange mounting on flat surface, single hole mounting with 1/2" lag or machine screw through center, or mounting on top of standard 1/2" pipe

MODEL VR-11 HYPEX® RADIAL PROJECTOR

For application requiring 360° coverage in horizontal plane, such as low ceiling industrial areas. Equipped with sturdy eye-bolt for clamping or suspension from above.

SPECIFICATIONS

Model	Power Rating	Impedance	L-F Range	Mouth Dia. Over All	Over All Lgth.	Air Col. Path Lgth.	Rated Coverage Angle	Net Wt. Lbs.	Shpg. Wt. Lbs.	List Price
VH-91A	15	8	300	8 1/4"	7 3/4"	16"	100°	3 1/4	3 3/4	\$35.80
VR-11	15	8	280	11"	10 1/4"	18"	360°	4	5	46.50

BV-1 BLAST VALVE



*T. M. Reg. Jensen Mfg. Co.

The BV-1 Blast Valve is an accessory device for protecting the driver unit from high pressures due to explosive forces. Valve is the same as used in Jensen military blastproof loudspeakers. Under the positive blast pressure phase, the valve moves inward to seal off the driver unit from the horn throat. On the negative phase the valve moves out-

ward, again effecting a seal. With the valve in neutral position, attenuation of sound is negligible. Screws between horn and driver unit. Overall diameter 3". Fits all Jensen driver units and horns.
 Net weight, 1/2 lb. Shipping Weight, 3/4 lb.
 BV-1—List Price \$15.00.

78X-58A

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Jensen Professional Series



H-150



H-200



H-240

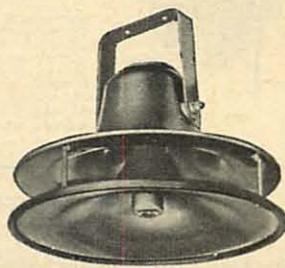
NEW JENSEN HYPEX* PROJECTOR HORNS

These new projector horns are acoustically coordinated in design for best performance with Hypex* Driver Units D-30, D-40 and DD-100, any one of which may be used on any of the horns. The horn expansion formula is the hyperbolic exponential (U. S. Patent 2,338,262) providing low frequency reproduction superior to that obtained with conventional horns of the same mouth size. Horns (with the exception of RT-20) are spun aluminum with weather-resistant baked tan enamel finish. Horns are threaded 1 1/8"-18 and may be used with any driver units with this thread. Sturdy steel mounting "U" brackets allow horn to point in any desired direction; horn locks in desired position by means of new positive action trunnion clutches.

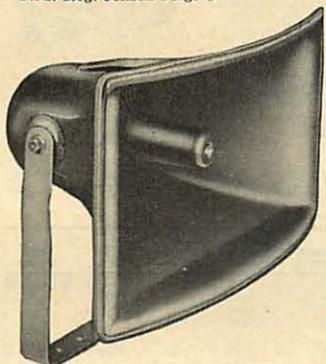
(See separate description and specifications on RT-20 Rectangular Horn).

Specifications	H-150 (15")	H-200 (20")	H-240 (24")	R-242 (20" Radial)
Mouth diameter, over all	15 3/4"	20 3/4"	25 1/4"	20 1/2"
Length, over all (less driver)	12"	14 1/4"	20 3/8"	14 1/2"
Air column length	31"	41"	59"	40"
Low frequency cutoff	200 cycles	150 cycles	120 cycles	140 cycles
Rated coverage angle	95°	85°	75°	360°
Net weight (less driver)	6 lbs.	8 1/4 lbs.	12 3/4 lbs.	10 1/4 lbs.
Shipping weight	7 3/4 lbs.	12 3/4 lbs.	19 3/4 lbs.	14 1/4 lbs.
List price	\$26.00	\$31.00	\$45.00	\$47.00

*T.M. Reg. Jensen Mfg. Co.



R-242

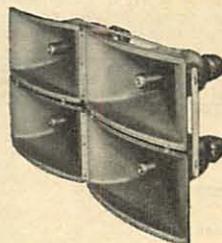


MODEL RT-20 RECTANGULAR HORN

These versatile new horns may be used in a variety of ways to provide projector systems of almost any desired directional characteristics and total power rating. They may be used singly just as round horns are used and in such cases, the rectangular shape is frequently an advantage in appearance, minimizing obstruction to vision, and facilitating mounting.

RT-20 Horns are designed so that they may be stacked in plane or circular arrays. Eight units, each with a geometric sector angle of 45 degrees, form a complete circle with a diameter of 5' 9 1/2", giving 360° horizontal coverage. Fewer units are used where less than 360° coverage is required as indicated below:

Number of Units	Horizontal Coverage Angle
1	80°
2	125°
3	170°
4	215°
5	260°
6	305°
8	360°



ACCESSORIES

MA-1 PIPE ADAPTER

A sturdy malleable iron casting which bolts to the "U" bracket of Hypex* Projector Horns and provides 3/4" pipe thread for pipe mast mounting. Baked tan enamel finish. Net weight: 3/4 lb. Shipping Weight: 1 lb. MA-1—List Price \$2.30.

MA-3 STACKING HARDWARE

Complete set of hardware for joining two RT-20 horns side by side. Net weight: 2 3/4 lbs. Shipping Weight: 2 3/4 lbs. MA-3—List Price \$5.30.

MA-4 STACKING HARDWARE

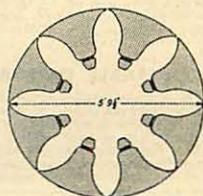
Complete set of hardware for joining two RT-20 horns double decked. Net weight: 1 1/2 lbs. Shipping Weight: 2 lbs. MA-4—List Price \$4.60.

Horns may be "double decked," which will concentrate the sound in a narrower angle in the vertical plane. A stack two units high will give a vertical coverage angle of approximately 30 degrees; at the same time, there is a gain in sound pressure on the axis of 2.5 db, due to the restricted angle of radiation.

The horn is molded of high impact strength glass fibre reinforced polyester. Natural molded finish in Modern Tan color.

SPECIFICATIONS—RT-20

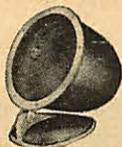
Mouth Size: 25" wide by 12 1/2" high.
Horn Length, overall, less driver: 16 3/4".
Air Column length: 41".
Low Frequency cutoff: 140 cycles.
Rated Coverage angle: 80° horizontal. (See data for arrays).
Net Weight, less driver unit: 10 1/4 lbs.
Shipping Weight: 15 lbs.
RT-20—Horn only. List Price..... \$46.50



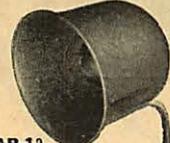
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Jensen Professional Series

JENSEN SPEECH MASTER LOUDSPEAKERS



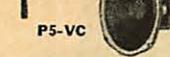
AP-10



AR-10



RK-61



P5-VC

JENSEN Speech Master loudspeakers are specialized units designed for applications where highly intelligible speech reproduction is a prime requisite. Good basic design and sturdiness of construction as well as

pleasing appearance and functional styling are outstanding features of these units. All loudspeakers in this group use high efficiency direct radiator driver units of the permanent magnet type.

MODEL AP-10 SPEECH MASTER

Attractively styled desk type unit. Heavy cast base with felt pad. Specially designed for superior intelligibility in the presence of static and acoustic background noise. Excellent "talk-back" characteristics. Driver Unit, a sturdy 5" speaker, fully enclosed with protective front screen. Mounting facility for 1/2" x 1/2" transformer (inside cover) locking tilt adjustment. Power rating, 5 watts maximum speech signal, 36" rubber cable, 6 3/4" H.; 3 3/4" D.; 5" W. Modern Tan finish. Shipping Weight 5 1/4 lbs. **ST-590.** 3-4 ohms. List Price..... **\$19.30**
ST-591. 45-50 ohms. List Price..... **20.30**

MODEL RK-61 "CORRIDOR" SPEECH MASTER

Designed for two-direction sound in corridor or office. Heavy steel case perforated on both sides for high quality speech coverage in both directions protected heavy duty 6" loudspeaker driver unit. Sturdy mounting bracket welded to case provides flexibility in installation. Standard 3/4" conduit (not supplied) can be used. 24" heavy SJ cable for connections. Transformers up to 3/4" x 3/4" mount on speaker frame inside case. Excellent "talk-back" characteristics. Quality on music is also acceptable for many areas. Power rating 8 watts. Case diameter 8"; thickness 3 3/4"; overall distance from wall 9 3/4". Modern Tan finish. **ST-850.** 3-4 ohms. List Price..... **\$12.60**

MODEL AR-10 SPEECH MASTER PROJECTOR

Specially designed for intercom and paging systems. Reentrant horn directs sound and adds speech range efficiency. Used in factories, warehouses, garages, etc. Sturdy P5-VC driver shielded from direct exposure. 1/2" x 3/4" transformer fits in cover. Power rating 6 watts 22" rubber cord, 10" dia. Gray hammer finish. Shipping Weight 6 1/4 lbs. **ST-643.** 3-4 ohms. List Price..... **\$23.50**
ST-644. 45-50 ohms. List Price..... **24.50**

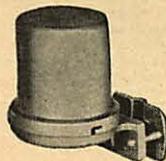
MODEL P5-VC SPEAKER

This loudspeaker is offered for installation in radio communications, intercom and paging equipment. May be panel mounted, wall mounted or installed in a small case as required with excellent results. Provides the performance of the AP-10 Speech Master in your equipment. Power rating, 5 watts. Depth, 2 3/4"; OD, 5"; baffle opening 4"; Shipping Weight 1 lb. **ST-916.** 3-4 ohms. List Price..... **\$5.30**

JENSEN PROFESSIONAL SERIES TRANSFORMERS

MODEL W-1 WEATHERPROOF TRANSFORMER CASE

Thoroughly weatherproof for permanent outdoor installations for maximum protection to transformers. Designed for upright mounting on U-bracket of Jensen Types H, R and R Hypox* horns or on pin by means of clamp. Also suitable for screw mounting to side wall or other flat surface. Accommodates transformers of standard nominal core sizes of 1 x 1, 1 1/2 x 1 1/2, 2 x 2 and 3 x 3 with maximum transformer height of 4". Cable entry holes provide for up to four Type SJ cables. Cast aluminum base and spun aluminum cover with bayonet locking. Rich tan baked enamel finish. Complete with transformer mounting and clamp hardware. Net weight 1 lb., shipping weight 1 1/4 lbs. List **\$10.50**. *T.M. Reg. Jensen Mfg. Co.



TYPE ZC "CONSTANT VOLTAGE" TYPE TRANSFORMERS

These transformers are designs especially for the distribution systems commonly referred to as 70-volt constant voltage systems. They are designed to draw a predetermined amount of power from a 70-volt line as indicated in the tables. All are mountable in W-1 Weatherproof Transformer Case except ZC-3514, as noted. Models ZC-100, ZC-200, ZC-300, and ZC-400 are equipped with adjustable terminal board with handy pin jack adjustment for the

desired input power. Heavy duty screw terminals are provided for speaker and line connection. Completely impregnated and dip processed for operation in outdoor and industrial atmospheres.

Models ZC-3514 and ZC-3515 are similar except color coded pig-tail leads replace the terminal board. Non-weatherproof, recommended for indoor and less severe locations.

Model No.	Nominal Core Size	Input Watts:	Input Imped., Ohms	Sec. Imped., Ohms	Mtg. Ctrs.	List Price
ZC-100	1" x 1"	30	167	4/8/16	3 3/4"	\$11.50
		15	333			
		7 1/2	667			
ZC-200	1" x 1"	25	200	4/8/16	3 3/4"	13.00
		10	500			
		5	1000			
ZC-300	3/4" x 3/4"	20	250	4/8/16	3 3/4"	9.65
		10	500			
		5	1000			
ZC-400	3/8" x 3/8"	5	1000	4/8/16	2 3/4"	7.00
		2 1/2	2000			
		1 1/4	4000			

Model No.	Nominal Core Size	Input Watts:	Input Imped., Ohms	Sec. Imped., Ohms	Mtg. Ctrs.	List Price
ZC-3514*	1" x 1 1/4"	16	313	3/16	2" x 2 1/2"	\$13.00
		8	628			
		4	1,250			
		2	2,500			
ZC-3515	3/8" x 3/8"	4	1,250	8	2 1/4"	4.75
		2	2,500			
		1	5,000			
		1/2	10,000			
		1/4	20,000			
		1/8	40,000			

Response characteristics: Type ZC-200: plus or minus 1 db, 30-15,000 cycles. Type ZC-100, ZC-300, ZC-400: plus or minus 2 db, 70-10,000 cycles

Response Characteristics: plus or minus 1 db 30-15,000 cycles. *Not mountable in W-1 Case. †Marked VA (volt-amperes) on terminals.

ADJUSTABLE IMPEDANCE TRANSFORMERS

The Type ZY adjustable impedance transformers have long been popular for use on 500-ohm line systems. Equipped with sturdy terminal board with pin jack adjustment of impedance. Type ZL transformers are similar except for solder lug terminals for impedance adjustment and pig-tail secondary leads. Vacuum was impregnated for general purpose applications. Can be installed in Model W-1 Weatherproof Transformer Case.

TYPE "Z" TRANSFORMERS

Model Z-3422 is a high fidelity autotransformer for interconnecting 4, 8 or 16 ohm circuits. Model Z-3345 is particularly designed to properly match 8 ohm loudspeakers and projectors to 45-50 ohm intercommunication systems. Vacuum was impregnated and mountable in Model W-1 Weatherproof Transformer Case.

Model No.	Nom. Core Size, In.	Power Rating, Watts	Input Imped., Ohms	Sec. Imped., Ohms	Mtg. Ctrs.	List Price
ZY-2005	1x1	25	500/1000/1500/2000	8	3 3/4"	\$11.85
ZY-2003	3/4x3/4	16		8	3 3/4"	9.32
ZY-2002	3/8x3/8	10		8	2 1/4"	8.25
ZY-4004	3/8x3/8	10	500/1000/1500/2000	4	2 1/4"	8.25
ZY-4005	3/8x3/8	6 1/2		8	2 1/4"	6.15
ZY-4002	3/8x3/8	6 1/2		4	2 1/4"	6.15

Model No.	Nom. Core Size, In.	Power Rating, Watts	Input Imped., Ohms	Sec. Imped., Ohms	Mtg. Ctrs.	List Price
ZL-2022	3/8x3/8	6 1/2	500/1000/1500/2000	8	2 1/4"	\$ 4.65
ZL-2021	3/4x3/4	3 1/2		8	2 1/4"	3.75
Z-3422	1x1	25	4/8/16	8	3 3/4"	8.58
Z-3345	3/8x3/8	6 1/2	45-50	8	2 1/4"	3.25

Response characteristics: Plus or minus 2 db, 70-10,000 cycles.

Response characteristics: Types ZL-2021, ZL-2022 and Z-3345: Plus or minus 2 db, 70-10,000 cycles. Type Z-3422: plus or minus 1 db, 30-15,000 cycles.

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Jensen Professional Series

TWO-WAY AND THREE-WAY UNITARY HIGH FIDELITY LOUSPEAKERS

These outstanding unitary two-way and three-way loudspeakers have been especially designed for institutional, industrial and commercial sound systems where high fidelity music and realistic voice reproduction are essential. They may be mounted in proscenium arch or underneath a canopy; flush or in small enclosures on walls; in large or small cabinets. In enclosures they may stand on floor or be suspended overhead for large audience coverage. In wide angle coverage of entire frequency range and in sound quality, they are markedly superior to projector type speakers. Ideal for school rooms, auditoriums, arenas and the like.

Moving systems and other parts have been moisture-proofed so that they are highly satisfactory for protected outdoor service where not directly exposed to rain, sleet, or snow. Durable finishes and materials are used throughout. Construction is rugged to insure trouble-free performance indefinitely. Terminals are provided for insertion of fixed or adjustable pads if desired (not furnished—see control listings) in the "treble" circuits. All units have full dividing networks (mounted on housing in H-525C and H-225C). Input terminals are screwdriver type. Housing finish is baked tan enamel; horns, etc., at the front of the units are finished in black enamel for minimum visibility through grille cloth. All units are thoroughly dustproofed.

These units incorporate Alnico 5 magnets in highly efficient conservatively designed magnetic structures. Table shows loudness efficiency relative to Model H-225C.

G-615C 15" THREE-WAY LOUSPEAKER

The TRIAXIAL*, a unitary three-way loudspeaker, has three electrically and acoustically independent speaker elements, each handling a portion of the frequency range. Separate three-way 600 and 4000 cycle crossover network with provision for easily adding m-f and h-f balance controls (not supplied—see separate listing). Heavy duty curvilinear l-f diaphragm and compression horn-type m-f and h-f units in exclusive Jensen design. Excellent damping and high conversion efficiency. Power rating 40 watts, impedance 16 ohms. Recommended baffle opening 13 1/4" dia.; OD 15 1/4"; depth 10 1/4"; net weight 29 lbs.; shipping weight 48 lbs.

Model G-615C—
List Price \$350.00;
*T. M. Reg. Jensen Mfg. Co.

H-535C 15" TWO-WAY LOUSPEAKER

An outstanding unitary loudspeaker of the coaxial type. Employs a heavy duty low frequency unit with heavy magnet to handle the range below 2000 cycles, with high conversion efficiency and good damping. High frequency range is reproduced by an efficient multi-cell horn-loaded compression driver unit. Excellent high frequency distribution. Separate plug-connected 2000

cycle crossover network with provision for adding h-f balance pad (not furnished—see separate listing). Impedance 16 ohms. Power rating, 30 watts. Recommended baffle opening 13 1/4" dia.; OD 15 1/4"; depth 9"; net weight 17 lbs.; shipping weight, 25 lbs.

Model H-535C—
List Price \$192.00;

H-525C 15" TWO-WAY LOUSPEAKER

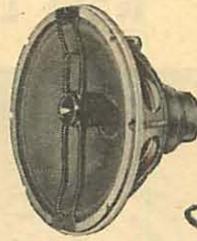
A coaxial unitary two-way loudspeaker like Model H-535C above, except built-in crossover network and lighter magnetic structures on l-f and h-f units. Power rating 25 watts, impedance 16 ohms. Recommended baffle opening 13 1/4" dia.; OD 15 1/4"; depth 8 1/4"; net weight 10 1/2 lbs.; shipping weight 16 lbs.

Model H-525C—
List Price \$112.50;

H-225C 12" TWO-WAY LOUSPEAKER

A coaxial unitary two-way loudspeaker like Model H-525C above, except 12-inch l-f unit. Power rating 27 watts, impedance 16 ohms. Recommended baffle opening 10 1/2" dia.; OD 12 3/4"; depth 7 1/4"; net weight 9 lbs.; shipping weight 13 lbs.

Model H-225C—
List Price \$81.50;

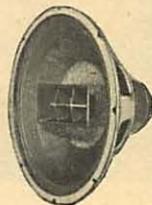


G-615C

H-535C



H-525C



H-225C

Model No.	Relative Efficiency
G-615C	+5 db
H-535C	+3 db
H-525C	+1 db
H-225C	0 db



P-4VC



P-5TC



P-8PC



P-8RC



P-12RC



P-12-NC

EXTENDED RANGE HIGH FIDELITY LOUSPEAKERS

Here is a complete line of loudspeakers of latest designs especially for commercial and general purpose applications, all field tested for the exacting and rigorous requirements of professional service. There is a loudspeaker for every need—ruggedly dependable units which have enjoyed the position of "world's quality standard" for many years in the professional field.

These heavy duty loudspeakers are of the extended range high fidelity type with performance suitable for applications where two-way and three-way speakers are not needed. High efficiency is assured with carefully designed magnetic structures using Alnico 5 magnets and ample soft iron circuits. Moisture-resistant cones and other materials contribute to long life expectancy. The units are especially suitable for protected outdoor locations not directly exposed to rain, sleet and snow, as well as for indoor use.

Extended h-f range insures excellent music reproduction. The l-f range will depend on the enclosure size and design. Commonly used in small enclosures or ceiling baffles. Models P8-SC and P12-SC are practically standard in the industry for interior low level music distribution systems.

Sizes from 4" to 15" offer the best performance possible in each size and cost class. Choices as to efficiency and power ratings are available in some sizes. Relative loudness efficiency is shown in the table referred to the P4-VC. A speaker with relative loudness efficiency of +3 db will be noticeably louder than the P4-VC for the same power; only one-half the power will be required to be equally as loud as the P4-VC.

Nominal Size	Model No.	Power Rating Watts	Magnet Wt., Oz., Alnico 5	Relative Loudness Efficiency	Imped., Ohms	V. C. Dia. Inches	Baffle Cutout Dia., in.	Overall Dia. Inches	Depth Inches	Ship. Wt., Lbs.	List Price
15"	P15-NC	25	27	+7 1/2 db	8	1 1/2	13 1/4	15 1/2	7	10	\$59.50
12"	P12-NC	18	27	+4 1/2 db	8	1 1/2	10 1/2	12 1/2	6	8 1/4	51.00
12"	P12-RC	12	6.8	+4 1/2 db	8	1	10 1/2	12 1/2	5 1/2	6	16.65
12"	P12-SC	10	4.64	+3 1/2 db	8	1	10 1/2	12 1/2	5 1/2	6	15.20
10"	P10-SC	9 1/2	4.64	+3 1/2 db	8	1	8 3/4	10 1/2	4 3/8	4	13.75
8"	P8-PC	10	14.6	+5 db	8	1 1/2	6 3/4	8 3/4	4	5 1/2	31.80
8"	P8-RC	9	6.8	+2 1/2 db	8	1	6 3/4	8 3/4	3	3	14.80
8"	P8-SC	8	4.64	+2 1/2 db	8	1	6 3/4	8 3/4	3 1/2	3	12.70
6"	P6-TC	6	3.16	+1 1/2 db	4	3/4	5 1/4	6 1/2	3 1/2	2	8.50
5"	P5-TC	5	3.16	+1 1/2 db	4	3/4	4	5	2 1/2	2	8.15
4"	P4-VC	4	1.47	0 db	4	3/4	3 1/2	5	2 1/4	1 1/2	5.25

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