



# Bozak



*Quality loudspeakers  
and equipment cabinets*



T H E V E R Y B E S T I N M U S I C

## **BOZAK** – *the choice for music*

For full enjoyment of the vast and exciting array of recorded music and entertainment, the most important choice to be made in selecting the components of your home high fidelity system is the speaker complement. It is the major factor in determining the character of the sounds you will hear and the ability of the system to give you lasting satisfaction.

The musical sound quality of a speaker system is revealed by careful listening. Does it reproduce your favorite music or entertainment faithfully and with realism? Does it have a natural and pleasing tonal balance—with clean, true-pitch bass, clearly defined middle range, and smooth, non-strident treble? Is it unnaturally brilliant or dull? Would extended listening lead to let-down and fatigue? Let your ear be the judge.

On the basis of such critical listening, Bozak's natural, musical sound has won the acclaim of music lovers throughout the world. It has become the standard by which recorded music may be judged, and its ability to give lasting satisfaction is attested to by the fact that virtually all Bozak owners regard their speaker systems as permanent investments.

### **ONE LINE, ONE QUALITY**

The components of these outstanding systems are three basic Bozak speakers—the bass, midrange, and treble. Each is designed to handle its own range of frequencies and, at the same time, to work harmoniously with the others in two-way and three-way speaker systems. They are one line and of one quality—the highest. None is ever "outgrown" or becomes obsolete—in fact, they improve with age and use. Like building blocks, Bozak speakers combine easily into speaker systems of various sizes that differ in realism and power only by reason of the number of individual speakers and the enclosure sizes employed. Any Bozak Speaker System can be enlarged at any time simply by adding more Bozaks and modifying the crossover network.

### **SIZE EQUALS REALISM**

In choosing speaker systems for the home, it is advisable to keep in mind that the greatest degree of realism in musical re-creation is achieved with large systems. Like fine pianos, all Bozaks are of the highest quality, but no musician pretends that a miniature piano is the equal of a concert grand. Select or plan for the largest system or systems that your listening room can reasonably accommodate and be assured of lasting enjoyment of the finest musical reproduction.

### **FINE FURNITURE**

A speaker system in the home should look as good as it sounds. Bozak offers a selection of fine furniture enclosures, with matching equipment cabinets to house the associated components of the music system, in the widest variety of styles, woods, and finishes available. To blend attractively with any decor, these well designed pieces come in Provincial, Contemporary, and Urban stylings. They are crafted of select hardwood veneers on flake-board, specially processed for virtually permanent freedom from warping or blistering, with rich, hand-rubbed oil or lacquer finishes. For an exact match with existing furniture, unfinished cabinets may be had for finishing by your decorator.

### **THE STANDARD**

Bozak speaker systems have earned world-wide acceptance as the standard by which all others are judged. Through fundamentally valid design, materials of the highest grade, and superb craftsmanship, Bozak produces the only speaker systems available which combine all of the proven quality features necessary for natural, fatigue-free reproduction of musical sound—such original and unique features as variable-density cones of felted paper, linear-displacement magnetic motors, linear-compliance cone suspensions, exclusive damping devices, non-ringing crossover networks, passive infinite-baffle enclosures, broad polar dispersion.

**Truly the Bozaks are The Very Best in Music.**



### FOR SUPERB STEREO . . .

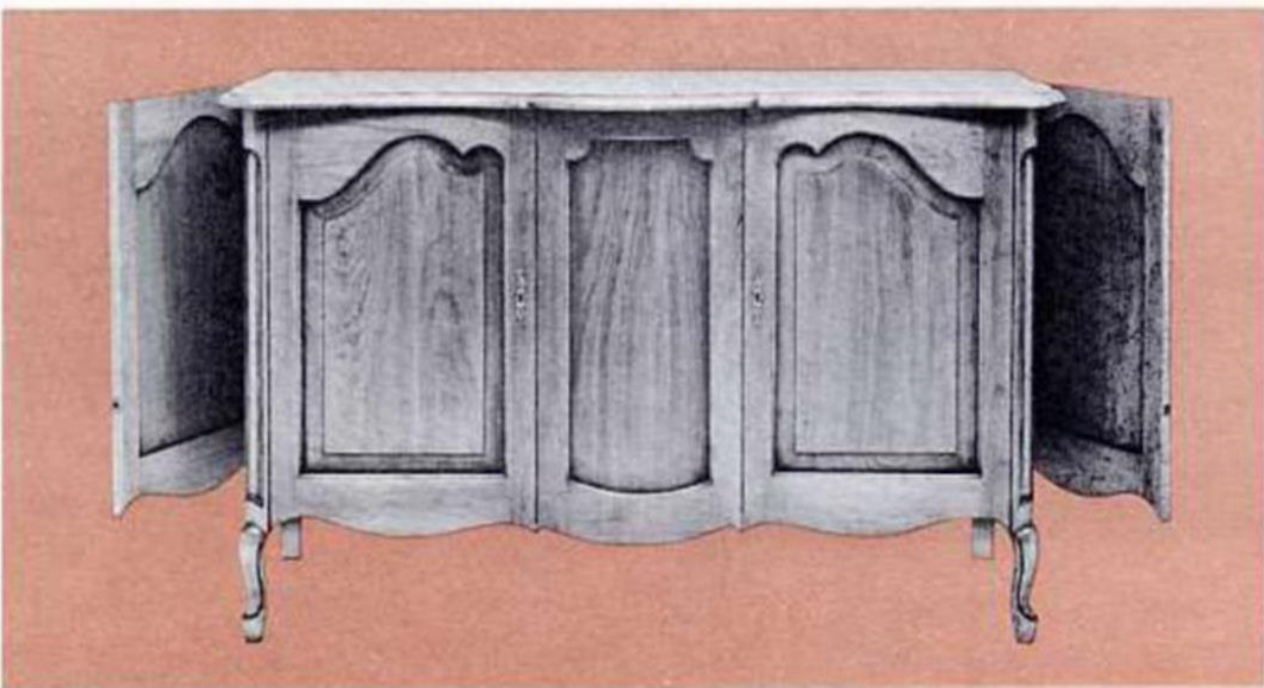
The outstanding qualities that make Bozak the perfectionist's choice for monophonic music reproduction also provide the best obtainable stereo sound. The full true-pitch bass furnishes the broad unifying foundation. The crystal-clear midrange, levelled naturally to the bass and treble, reveals the inner details of the music and gives location to the soloists. The smooth, natural treble is dispersed 120 degrees or more to provide spatial perception over a wide useful listening area. The tonal quality of the Bozaks—bass, midrange, and treble—is identical, which gives unity to the sound from each speaker system and to the stereo program as a whole.

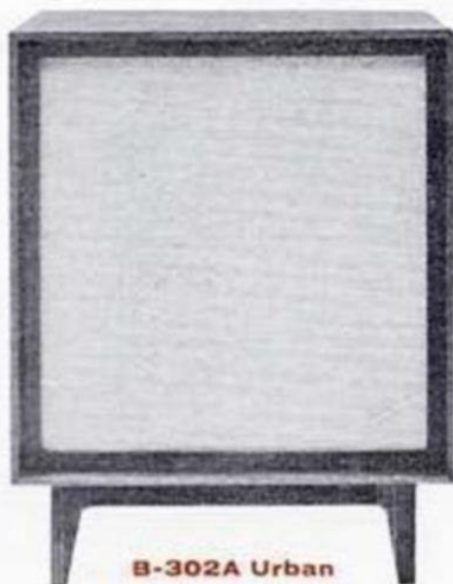
### B-304 STEREO FANTASY

A unique concept that is unique in performance, the B-304 embodies two separate speaker systems back-to-back in a single enclosure. Adjustable "directors" throw the sound forward, permit compensation for room acoustics, and fuse the two channels into a continuous front of full, true sound that is the essence of realistic stereo. As a twin-speaker monophonic system it produces a broad, stage-like sound front approaching the concert hall in the sense of immediacy it adds to a fine performance and recording. The *Stereo-Fantasy* is truly *the* all-purpose speaker system, in a choice of graceful cabinets for the traditional or contemporary home.

**B-304 Specifications:** *Two complete, separate B-302A systems, each requiring its own set of amplifying equipment of 30 watts or more power. Effective separation of sound sources is approximately six feet. For acoustical specifications, see B-302A, page 4.*

**Enclosures:** *Contemporary — 48" W x 22" D x 31½" H, mahogany or walnut;  
Provincial — 49" W x 24" D x 32" H, cherry.*



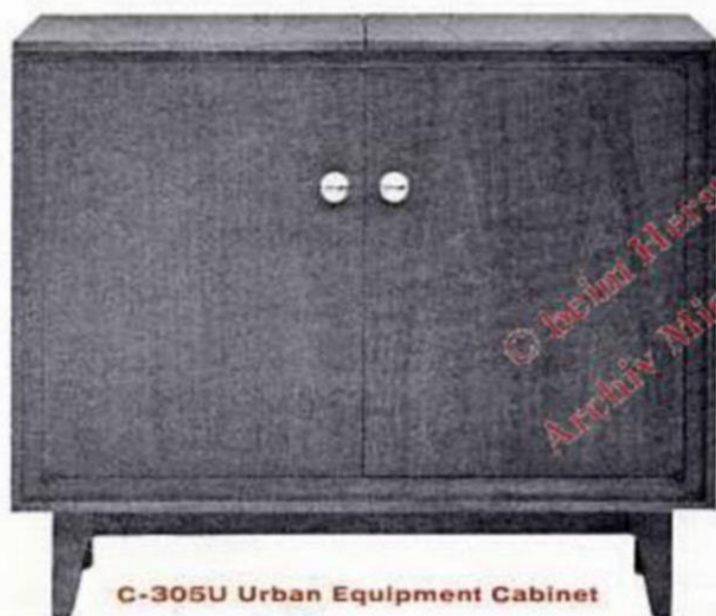
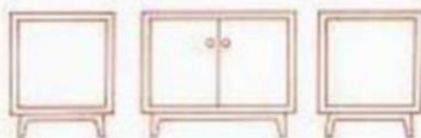


**B-302A Urban**

### **B-302A**

Though small in size, the B-302A possesses the magic of musical sensitivity featured by all Bozaks. This full three-way system outperforms many larger and costlier loudspeakers in preserving the details of instrumental solo and orchestral crescendo alike. Ideal for small listening rooms, or in pairs for stereo.

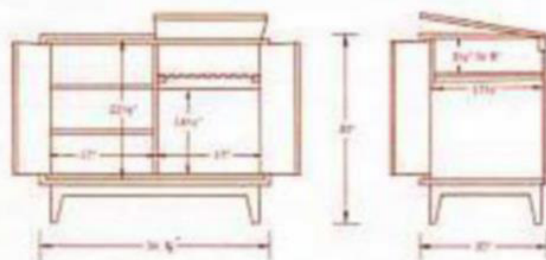
Available also in the same handsomely styled enclosures as the two-way B-300, an exceptional full-range system of high musical quality. Since there is provision for adding the B-209 midrange speaker later, the B-300 makes an excellent limited-budget start on a quality music system planned for systematic growth.



**C-305U Urban Equipment Cabinet**

### **BOZAK EQUIPMENT CABINETS**

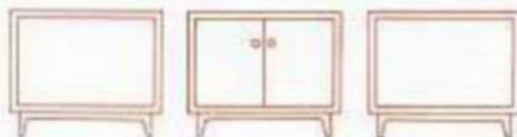
These elegant cabinets, matching their companion Bozak you to enhance the charm of your living room with a taste in music, monophonic or stereo. They provide ample, convenient components you select to power your Bozaks. Each equipment easy access—space at the right for turntable or changer, to hold the tuner, power and control units with or without veneers and flakeboard, finished identically to the corresponding



**B-305 Urban**

### **B-305**

For a more elaborate music system in a listening room of medium size, the B-305 is outstanding in its fidelity to the tonal and dynamic range of music. The full, true-pitch bass approaches the lowest limit of hearing . . . the midrange retains crystal clarity of the vital "presence" frequencies without over-emphasis . . . the sweet, natural treble is broadly and smoothly dispersed to extend the useful listening area throughout the room. A choice of graceful, compact designs enables the B-305 to reflect good taste in any decor.



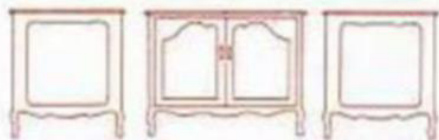
**B-302A Specifications:** One B-207A, one B-209, one N-10102. 40-16000 cps, crossovers 6 db/octave at 800 and 2500 cps. Impedance 8 ohms, power rating 20 watts minimum.

**B-300 Specifications:** One B-207A (see page 7). Converts to B-302A by addition of B-209 and N-10102.

**Enclosures:** Urban — 24" W x 20" D x 30" H, oil walnut, mahogany or ebony.

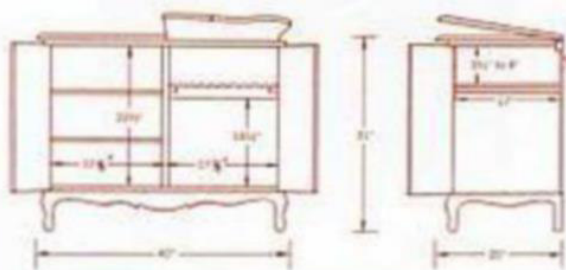
Provincial — 28" W x 19" D x 31" H, cherry.

Contemporary (not illustrated) — 23 $\frac{3}{8}$ " W x 16 $\frac{3}{8}$ " D x 30 $\frac{3}{4}$ " H, walnut, mahogany or blonde birch.



**B-302A Provincial**

Speaker Enclosures in styling and craftsmanship, enable useful grouping of fine furniture as a center for the very best convenient, well-ventilated accommodations for the top-quality hi-fi component cabinet has two front doors and a removable back for easy access with record storage below — adjustable shelves at the left and right with panel cutouts. All cabinets are made of select hardwood and are designed by Bozak Speaker Enclosures.



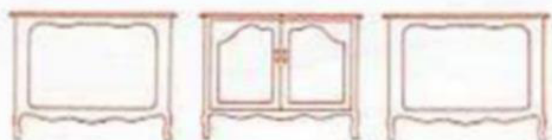
**C-305P Provincial Equipment Cabinet**

**B-305 Specifications:** Two B-207A's, one B-209, one N-10102. 35-16000 cps, crossovers 6 db/octave at 800 and 2500 cps. Impedance 16 ohms, power rating 30 watts minimum.

**Enclosures:** Urban — 36" W x 20" D x 30" H, oil walnut, mahogany, or ebony.

Provincial — 40" W x 20" D x 31" H, cherry.

Contemporary (not illustrated) — 36 $\frac{1}{2}$ " W, 18 $\frac{1}{2}$ " D, 32" H, walnut, mahogany or blonde birch.



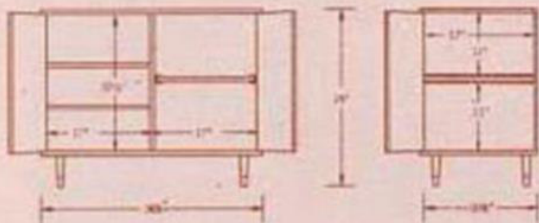
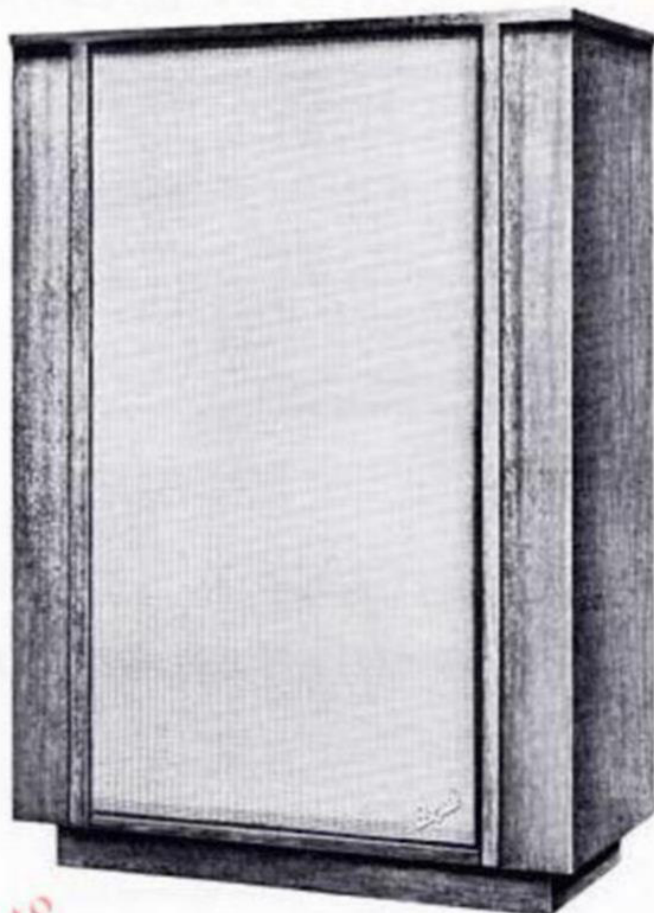
**B-305 Provincial**

### B-310A

Supreme virtuoso among speaker systems, the B-310A encompasses the entire musical spectrum with truly natural balance, undetectable distortion, and the ability to re-create, with equal and unique ease, the most delicate solo and the full power of an entire orchestra. From the elusive tingling of the triangle to the deepest pulsing of the organ, every musical tone is *there*—clean and distinct, exactly as recorded. With a B-310A you can advance no further today toward perfection in the re-creation of music.

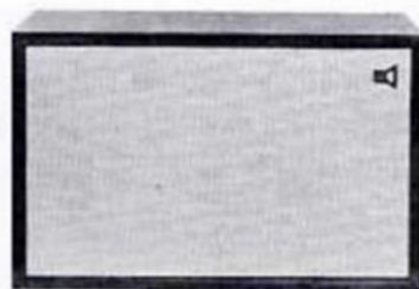
**B-310A Specifications:** Four B-199A's, two B-209's, one B-200XA, one N-104. 28-16,000 cps, crossovers 6 db/octave at 400 and 2500 cps. Impedance 8 ohms, power rating 60 watts minimum.

**Enclosure:** 36"W x 19"D x 53"H, mahogany, walnut, blonde korina. Available also as B-400 in horizontal enclosure: 50"W, 21"D, 34½"H, mahogany, walnut, blonde korina.



### C-501 Contemporary Equipment Cabinet

A compact and attractive cabinet, ideal as the music center in a smaller room. A slide-out platform on the right supports a turntable or changer on its own base, while the other associated components rest on adjustable shelves behind the left door. Available in walnut or mahogany, finished or unfinished for matching with existing furniture.



### "THE SPINET"

Designed to meet critical space requirements, the "Spinnet" is available as a two- or three-way system housed in an infinite-baffle enclosure somewhat below optimum volume, but which nevertheless produces very good musical sound, dramatically better than that obtained from any other speaker system of its size. Used in pairs, they solve the problem of providing good stereo in a space-limited small listening room.

**Note:** "Spinnet" speakers, when used with the C-501 Equipment Cabinet, can be fitted with matching accessory legs at a modest additional cost.

**B-500 Specifications:** One B-199A, one B-200X, crossover at 2500 cps. Impedance 8 ohms, power rating 20 watts minimum. Converts to B-502 by addition of B-209 and N-10102.

**B-502 Specifications:** One B-199, one B-209, one B-200X, one N-10102. Crossovers 6 db/octave at 800 and 2500 cps. Impedance 8 ohms, power rating 20 watts minimum.

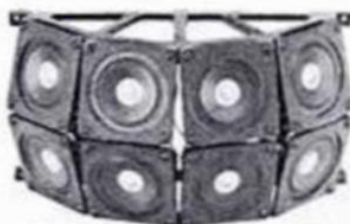
**Enclosure:** 14½" x 23⅞" x 11½" deep— for vertical or horizontal use, in oil walnut, mahogany, or unfinished birch.

## QUALITY SPEAKER SYSTEM COMPONENTS



### B-200X Treble

This direct-radiating high-frequency speaker is outstanding in the warmth and musical quality of its tone. The paper-and-dural cones, with patented rubber damping, distribute a sweet, natural treble smoothly over a wide listening area. **Specifications:** 2000-16000 cps, impedance 8 ohms. For use in 20-watt systems. Horizontal coverage 120° at 10 kc. Mounts outside woofer cavity, or coaxially with B-199A.



### B-200XA Tweeter Array

Achieves a warmth and realism in the highest frequencies that gives the largest Bozak speaker system an unrivalled ability to retain musical values over the entire audible range. **Specifications:** four B-200X's mounted to form a sector of a sphere, 1500-16000 cps, impedance 8 ohms. For use in 50-60 watt systems. Horizontal coverage 180° at 16 kc. Mounts outside woofer cavity.



### B-199A Bass

In its smoothness, power, and low-frequency efficiency, this is the finest bass speaker made. It provides a robust, true-pitch bass that is balanced naturally against middle and high frequencies and is inherently matched with other Bozaks in tonal characteristics. Unique design features give it low resonance, superb transient response, freedom from peaking. **Specifications:** 40-4500 cps, impedance 8 ohms, minimum power requirement, 20 watts. Resonance below 40 cycles. Requires infinite baffle enclosure of 5 cu. ft. or more.



### B-207A Two-way System

A complete wide-range two-way speaker system in itself, and a basic component of the finest larger Bozak three-way systems. Can be used in multiples, with the B-209 midrange and the N-10102 convertible crossover network, for systematic growth without problems of matching, enclosure-tuning, and leveling. **Specifications:** one B-199A, one B-200X and filter crossover mounted coaxially on heavy cast-aluminum frame. 40-16000 cps, impedance 8 ohms, minimum power requirement 20 watts.



### B-209 Midrange

Designed for the middle ranges exclusively and incorporating features found in no other speaker, it is without equal for crystal clarity in the vital midrange, giving natural "transparency" to massive orchestral crescendos and intimate detail to solo voice and instrument. **Specifications:** 200-3500 cps, impedance 8 or 16 ohms. Requires 3-way network. For use in 20 to 60-watt systems.



### N-10102 Crossover Network

Quality non-ringing crossover network for use in B-302A, B-305, and B-502 systems, easily converted from 8 to 16 ohm impedance by changing taps. Addition of the N-25 condenser bank suits it to the four-woofer B-310A. **Specifications:** 8 ohms at 800 and 2500 cps, 16 ohms at 800 and 2500 cps; with N-25, 8 ohms at 400 and 2500 cps; all crossovers at 6 db/octave.

### Panel-mounted Systems

In order to simplify the problems of custom installation, the Bozak B-300, B-302A, B-305, B-310A and B-400 speaker systems are available as fully wired panels, ready for mounting in walls or in suitable existing or custom-built enclosures. Full information on panel-mounted speaker systems and literature on built-in Bozak systems may be obtained from your Bozak Franchised Dealer or by writing us.

### THE BOZAK GUARANTY:

All Bozak products, provided they are registered with Bozak by the original purchaser within ten days and by means of the registration card supplied, are guaranteed for one year against failure due to defects of materials and/or craftsmanship. Be sure to fill out and mail your registration card promptly.



## SUPPLEMENTARY SPEAKERS

*multiply the pleasures of your home music system*

### INDOORS with the Bozak B-800 Full-Range Speaker

The B-800 is an 8-inch speaker of radically new design, that provides typically Bozak quality of music and voice reproduction from a low-cost, easily installed unit. The clean bass, detailed midrange and smooth highs combine to give extraordinary transient response and remarkably satisfying tone. The speaker may be mounted in a small infinite baffle, bookshelf enclosure, or flush in an ordinary interior wall, between studding. When so installed it is practicable, when desired, to provide a grill on each side of the wall, enabling a single speaker to furnish music to two separate rooms.

The B-800 is not intended to supplant a full, three-way Bozak speaker system in the main listening area, but to extend good sound to other rooms—den, bedroom, kitchen, playroom. Designed for the purpose, the B-800 has a full-range sound quality never before attained with a single speaker.

**Specifications:** *impedance 8 ohms, frequency response 50 to 15000 cycles, music power 25 watts. Size: 8½" diameter, 3¾" deep.*



### OUTDOORS with the Bozak M-108 Weatherproof Speaker

The M-108 is an 8-inch speaker similar to the B-800 described above—but fully weatherproof! It provides the same Bozak quality sound, modified to have the carrying characteristics needed for outdoors, yet thoroughly pleasing and satisfying to the musically trained ear—a feature possessed by no other outdoor speaker.

Installation is easy and non-critical. The speaker works beautifully from a bookshelf box, or mounted in a simple plywood panel. In the latter instance it will provide double area coverage, to the back as well as the front. No shelter is required other than a simple rain deflector to prevent storm-driven moisture from penetrating into the cone suspension and voice coil. A single speaker is more than adequate to supply brilliant music to an area such as a patio or swimming pool.

**Specifications:** *impedance 8 ohms, frequency response 50 to 15000 cycles, music power 25 watts. Size: 8½" diameter, 3¾" deep.*



*For further information on Bozak products, see a Bozak Franchised Dealer or write:*

# Bozak

The R. T. Bozak Sales Company • Box 1166, Darien, Connecticut

### Bozak High-Fidelity Speakers

**MODEL B-207A 12" COAXIAL SPEAKER.** This brilliant speaker uses a dual tweeter, the B-200X, mounted inside the B-199A 12" woofer. Acoustical slot between the tweeters for wide dispersion of upper-middle frequencies. Designed specifically for infinite baffling, it provides true-pitch bass and clean transients. Frequency response extends from 40 to 16,000 cps. With built-in crossover filter (6 db per octave). Cone resonance, below 40 cycles. Power handling capacity, 15 watts; 30-watt peaks. Voice coil impedance, 8 ohms. Sturdy, cast-aluminum frame is designed to fit either 12" or 15" cutouts. Depth behind panel, 7". Shpg. wt., 15 lbs.

81 DU 742, \$5.00 Down, NET..... 83.85

**MODEL B-209 6" MID-RANGE SPEAKER.** Recommended for use in 3-way speaker systems, the B-209 features unrivaled ability to recreate the mid-ranges. Since intelligibility of speech and individuality of musical instruments depend on the vital mid-range, this specially designed unit is a "must" in 3-way systems. Features: felted paper pulp, variable-density diaphragm; rubberized cloth edge suspension; foam rubber abutment under the dome; superior construction throughout. For 3-way systems up to 50 watts. Response, 200 to 3500 cps. Impedance, 8 ohms. Ribbon wire voice coil on 1/2" aluminum form. 1 1/2-lb. Alnico V magnet. Depth, 3 1/2". Shpg. wt., 7 lbs.

81 D 743, \$2.00 Down, NET..... 48.00



B-209

B-207A

Express Shipment Recommended for High-Fidelity Equipment