

*Disco starts  
with great sound.  
Great sound  
starts with JBL.*

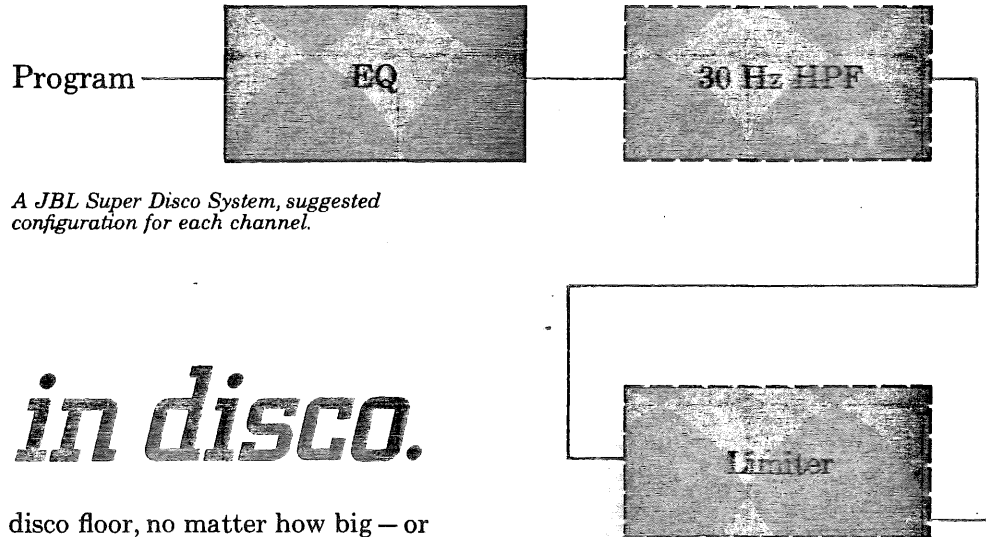




San Francisco's popular *The City* disco gets its great sound from an all-JBL system. Photos courtesy of Dutkosound.



A JBL Super Disco System, suggested configuration for each channel.



# JBL - first in disco.

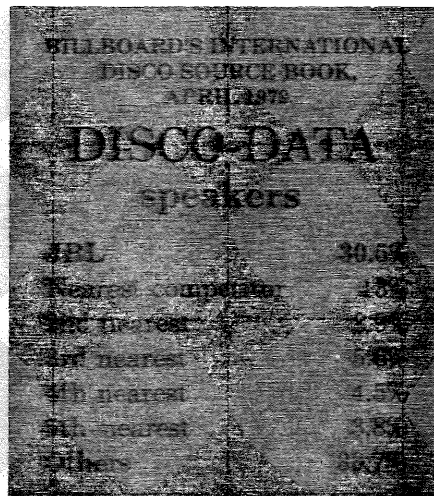
Sound is what disco is all about. No matter what else you have, you still need a great sound system to have a great disco. And for the best sound, you need JBL speakers. According to the 1979 *Billboard* disco survey, JBL speakers already supply the sound for over twice as many discos as the next-most-popular make (30.5% to 13%). These discos know that JBL offers the optimum combination of performance, quality, and flexibility.

JBL sound is *big*. Lots of bass. Penetrating highs. The kind of sound that keeps dancers out on the floor — *your* disco floor.

JBL sound is reliable. That means *less down time* — and much lower long-term costs. JBL is reliable because we build all the components in our own plant, where we closely supervise every manufacturing step. JBL components have proved themselves in a wide variety of high-power applications.

JBL sound is flexible, too. We have a sound system to cover any

disco floor, no matter how big — or how small. Most of our components are listed in this brochure, along with some of our recommendations. For complete information on the best setup in your disco, see your JBL Musical Sound Contractor or Professional Audio Contractor. Or write to: Applications Engineering, Professional Division, James B. Lansing Sound, Inc., 8500 Balboa Boulevard, Northridge, California California 91329.



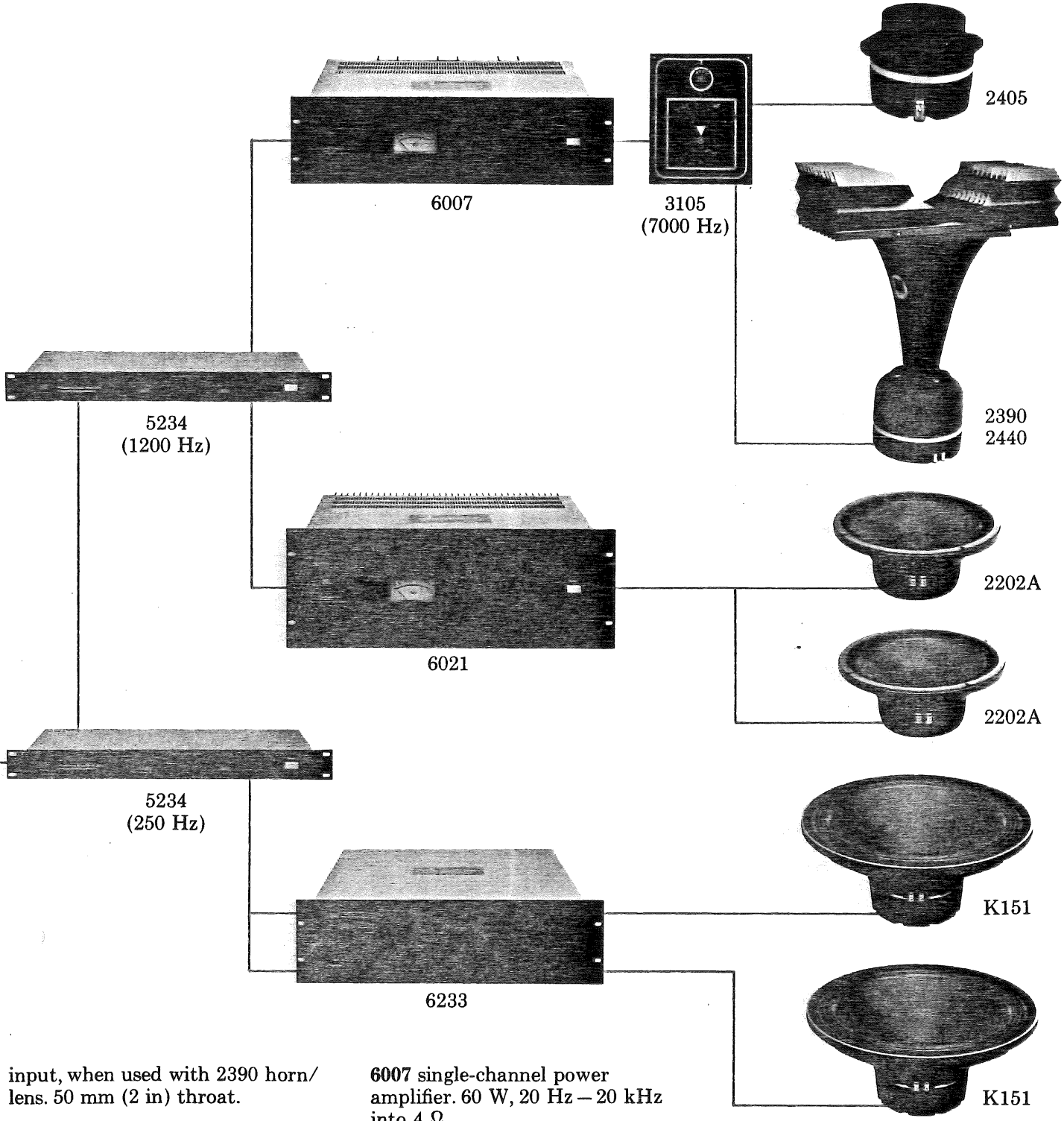
## Super Disco System

The following JBL components, when set up as in our diagram, will produce a sound pressure of 105 dB at 1 metre with a 1-watt input. Maximum sound pressure level will be 130 dB. This array is intended to be one channel of a disco sound system, and a really large disco could use two such arrays for each channel. Custom installation is required; plans for custom enclosures are available from your JBL contractor.

**K151** low frequency loudspeaker. 380 mm (15 in). 99 dB sound pressure level at 1 metre with a 1-watt input.

**2202A** low-mid frequency loudspeaker. 300 mm (12 in). 96 dB sound pressure level at 1 metre with a 1-watt input.

**2440** wide-range compression driver. 107 dB sound pressure level at 1 metre with a 1-watt



input, when used with 2390 horn/lens. 50 mm (2 in) throat.

**2390** horn/lens. Dispersion 100° (horizontal) x 45° (vertical). Will mount on compression driver with 50 mm (2 in) throat.

**2405** ultra-high-frequency ring radiator. 105 dB sound pressure level at 1 metre with a 1-watt input. Wide dispersion (90° x 30° at 16 kHz).

**3105** frequency dividing network. 7 kHz crossover frequency. (Other networks with other crossover frequencies are available, depending upon the application.)

**6007** single-channel power amplifier. 60 W, 20 Hz – 20 kHz into 4 Ω.

**6011** single-channel power amplifier. 100 W, 20 Hz – 20 kHz into 4 Ω.

**6021** single-channel power amplifier. 200 W, 20 Hz – 20 kHz into 4 Ω.

All three JBL single-channel power amplifiers feature full-isolation output transformers which deliver the rated output into 8 Ω, 16 Ω, or 70.7 V loads.

**6233** dual-channel power amplifier. 300 W per channel, 20Hz – 20kHz into 4 Ω. Features

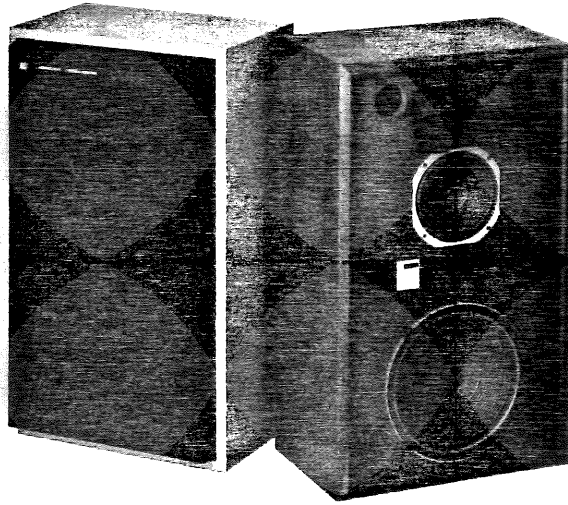
include unique power supply, output indicator lights, modular construction.

**5234** dual-channel electronic crossover. Variable crossover frequencies, selected by accessory printed circuit boards.

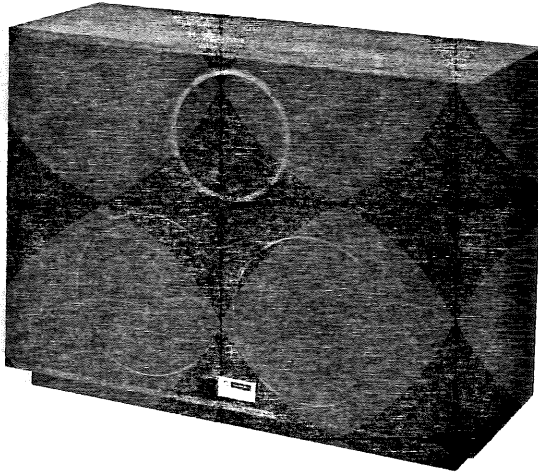
Plans for custom enclosures for JBL loudspeaker components are available from your JBL contractor.

## Assembled Loudspeaker Systems

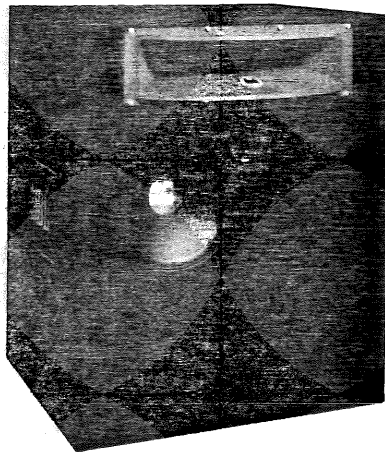
**4343 Studio Monitor.** Four-way system; 93 dB sound pressure level at 1 metre with a 1-watt input. 380 mm (15 in) low frequency loudspeaker. May be bi-amplified if desired.



**4350 Studio Monitor.** JBL's largest monitor system. 95.5 dB sound pressure level at 1 metre with a 1-watt input. Has two 380 mm (15 in) low frequency loudspeakers. Designed for bi-amplification.



**Custom disco system** (dealer assembly required). Consists of a 4560BKA enclosure, K145 low frequency loudspeaker (380 mm, 5 in diameter), 2461 high frequency compression driver with 2345 radial horn, 2405 ultra-high-frequency ring radiator, and 3110 and 3106 dividing networks. 101 dB sound pressure level at 1 metre with a 1-watt input.



### Professional Division

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