

Features:

- ▶ Components:
 - **4 Satellite Speakers:** Control 23 two-way full-range speakers, each with 3-1/2 in woofer and 1/2 in tweeter
 - **1 Subwoofer:** Control SB-2 with dual voice coil 250mm (10 in) transducer
- ▶ Wide spectrum frequency response 38Hz-22kHz
- ▶ Evenly covers up to 6000 sq ft at 85dB-SPL
- ▶ Invisiball™ mounting hardware included with Control 23 speakers
- ▶ Low profile satellite speakers
- ▶ Stereo inputs
- ▶ High-pass satellite filtering enhances clarity
- ▶ Satellite overload protection circuitry

The JBL CCS6000 System consist of four Control 23 speakers as satellites and one Control SB-2 subwoofer. The subwoofer reproduces low frequencies below 160Hz and the 2-way wide bandwidth satellite speakers handle mids and highs, resulting in rich full-range audiophile sound with even coverage. The low-profile satellite speakers can be placed throughout the listening area with minimum aesthetic impact, with the subwoofer tucked away or installed on a wall or in a corner (with optional bracket) for bass reinforcement. The JBL CCS6000 System is ideal for restaurants, retail establishments, theme bars, music cafés, health clubs or wherever a top quality music or music/paging system is required.

The systems can be hooked up in either stereo or mono configuration (see hookup diagrams). The system needs to be driven from an amplified source. The high sensitivity of the speaker system turns even modest power into maximum sound level.



Four Control 23 satellite speakers are included in the system. Each broad bandwidth speaker handles 50 Watts and reproduces up to 22kHz for crystal clear highs. A high frequency horn provides more even coverage for music and improved intelligibility in paging. Overload protection enhances reliability by preventing damage to the speakers due to overpowering or amplifier clipping. The Control 23 accepts a variety of paints and finishes to match any decor.

Unique and global patent pending *InvisiBall™* mounting hardware is included with each Control 23, allowing rapid installation. The *InvisiBall* mounting method adds the benefit of horizontal rotation up to 37° off-axis and vertical rotation up to 44° off-axis. Because *InvisiBall* adjustments are made through a hidden access behind the logo badge, there exists a high degree of theft deterrence.

The Control SB-2 subwoofer features a unique slot-load vented design that incorporates the best performance benefits of front-loaded and band-pass designs, resulting in wider overall system frequency response, better low frequency tonality and elimination of the “muddiness” typical of other subwoofer/satellite systems. The trapezoidal cabinet shape provides very effective acoustic coupling into a corner for increased bass output level. Alternate placement on a wall or in free space reduces subwoofer output for less bass-intensive installation requirements.

The system is also available with white Control 23 Satellite Speakers (CCS6000-WH).

The JBL CCS6000 System combines installation convenience with the top sonic quality required for today’s more demanding installations.

► CCS6000 Control Contractor Subwoofer/Satellite System

System Specifications:

Frequency Range (-10dB) ¹ :	38Hz - 22kHz
Continuous Program Power Capacity ¹ :	Control 23's: 200W (50W ea x 4 speakers) Control SB-2: 340W (170W x 2 channels)
Sensitivity (1W, 1m) ¹ :	Control 23's: 86 dB (1W, 1m) each speaker Control SB-2: 100 dB (1W, 1m) each input
Crossover Network:	12 dB/oct low-pass to subwoofer @ 160Hz 6 dB/oct high-pass to satellites @ 160Hz 12 dB/oct low-pass to midrange driver in satellite 12 dB/oct high-pass to tweeter in satellite
Acoustic Filtering:	6 dB/oct low-pass to subwoofer @ 80Hz, resulting in dual-slope low-pass.
Drivers:	Control 23: 3-1/2" midrange drivers with polypropylene cone, 1/2" titanium coated horn-loaded tweeters (x4 speakers) Control SB-2: One 250mm (10 in), long-throw with dual voice coils.
Enclosure Material:	Control 23: High impact polystyrene Control SB-2: Particle board
Environmental:	Control 23: Conforms to Mil Spec 810 for humidity, salt spray, temperature and UV. Control SB-2: Not outdoor capable
Included Accessories:	Four Invisiball assemblies and four 4mm x 80mm hex keys for installing Control 23's Note: Speaker wire and SB-2 installation bracket are <i>not</i> included.
Optional Accessories:	MTC-23CM Ceiling-mount adapters for Control 23 speakers MTC-SB2W Wall/corner installation bracket for Control SB-2 subwoofer

¹See specification sheets of individual models for rating methodologies.

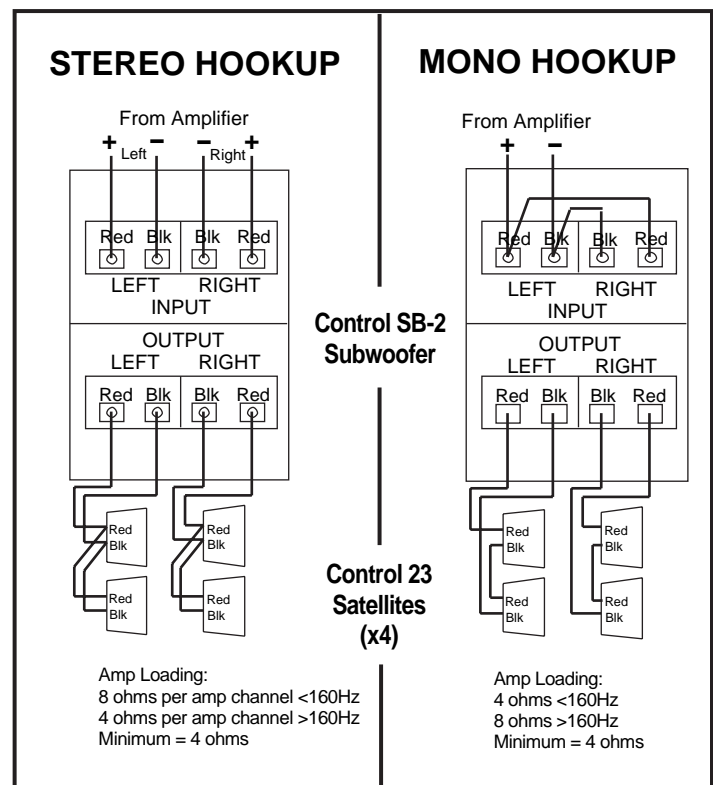
JBL continually engages in research related to product improvement. Changes are introduced into existing products without notice are an expression of that philosophy.

System Hookup:

Stereo: Connect left and right speaker-level signals into the Control SB-2's left and right "input" terminals, being sure to maintain proper polarity (see below). Connect satellite speakers to the "output" terminals, with 2 satellites paralleled to each channel.

Mono: Parallel the mono speaker-level signal into both sets of Control SB-2's "input" terminals, being sure to maintain proper polarity (see below). Connect satellite speakers to the "output" terminals, with 2 satellites in series to each set of output terminals. (see diagram).

It is important to maintain proper signal polarity (+ and -) into the subwoofer. If the polarity of one of the speaker lines gets accidentally reversed, most of the low bass disappears, even though the coils draw full power. If in doubt, as a test reverse the polarity of only one of the speaker lines and see if the bass level goes up or goes down. Whichever hookup results in greater bass level is the correct polarity.



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