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Official distributor in VIET NAM



CONTROL CONTRACTOR

SCALABLE, INTEGRATED, INSTALLED AUDIO SOLUTIONS

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About JBL

POWER AND VERSATILITY IS ONLY THE BEGINNING.

When it comes to the listening experience, JBL never ceases to push the boundaries. From its inception over 75 years ago, the brand has grown to become synonymous with epic sound. And while the enjoyment is instinctive, the science behind each and every innovation is precise and methodical. Passionate and gifted engineers and designers around the world devote themselves to developing JBL products and solutions that take listening to the next level - and they've been doing it since day one.

Today, JBL professional solutions encompass recording studios, movie theatres, tour sound, installed sound, arenas and stadiums, and much more. At the heart of each of these solutions is a meticulous attention to detail, a willingness to develop everything from the ground up, and an absolute dedication to giving artists outstanding sound, whether they're performing at a major music festival or busking on a street corner. And the technologies that JBL develops for its professional audience benefit all of JBL's listeners as they are distilled into smaller form factors, allowing people everywhere to enjoy professional quality sound at a convenient size and an affordable price.

Over the decades, JBL has contributed a remarkable number of industry firsts and technical innovations that further cemented its reputation as an audio pioneer, garnering Grammy® awards, Academy awards, and widespread

recognition from the world's most celebrated musicians and consumers along the way.

Expertly blending a bold vision of the future with the passion and talent of its engineers and designers, JBL develops its own solutions, invents its own technologies, and creates its own tools with a pioneering spirit that has defined the brand for the past 75 years. Today, JBL is present in more than 130 countries, encompasses an increasingly diverse range of next-level products and solutions, and has over 300 patents to its name, such as VGC™ transducer technology, Slip Stream™ low frequency port, Progressive Transition™ (PT) waveguides, and Plus One™ woofer cone technology.

Thanks to a truly exceptional dedication to constantly delivering exactly what customers desire, JBL sound has become part of the fabric of people's lives. Whether it's cinema sound that makes the movie-going experience more immersive, soundbars that transform the living room into a concert hall, portables that let listeners enjoy their favourite tunes wherever they go, gaming headsets that make players swear they've just stepped into the game, or in-car audio technology that turns the daily commute into a moment of pure listening pleasure, JBL fills listeners' lives with sound as it was meant to be heard.

A Journey of Engineering Excellence

Audio technology is at the core of everything JBL does. For over 75 years they have employed the best methodology and tools, developing everything from the ground up, guaranteeing their efforts exceed the needs and expectations of audio professionals throughout the world. Never straying from this exacting formula, this journey has produced a prolific list of audio achievements, ground-breaking technologies, revolutionary advances in the art and science of professional audio, many patents, and many awards. It's a journey that is legendary worldwide and has positioned JBL as the world leader in professional audio. Not just as a brand, but as a company known for consistently blending creativity and science as a manifestation of their passion for sound and commitment to those who create it.

Transducers.

The technology of transducers is truly the starting place for the entire JBL engineering legacy. Building on founder James B. Lansing's historic foundation, JBL engineers continue to break ground on new and better ways to design transducers, reaching beyond what is commonly understood as possible and consistently setting new performance benchmarks for the audio industry. Starting from scratch and often developing patents in the process, has resulted in technologies such as Differential Drive woofers,

CMCD Cone Midrange drivers, and the D2 Dual Voice Coil Compression Driver, that cover the entire practical bandwidth of professional audio devices. Simultaneously addressing performance-robbing challenges such as power compression, heat dissipation, distortion, component weight, and physical footprint, JBL has created a range of transducers that are unparalleled in their ability to deliver extraordinary performance throughout a wide range of applications.

Differential Drive®

JBL's exclusive dual voice coil, dual magnetic gap Differential Drive technology reduces weight while enhancing all critical performance parameters including better heat dissipation, lower power compression and higher dynamic range versus conventional single-coil designs. This allows very high output with minimal power compression, resulting in deep distortion-free bass even at very high SPL. Differential Drive® technology is now at the core of a full range of woofer models incorporated in many JBL loudspeaker systems from touring sound and fixed installation, to studio and cinema sound.

D2 Dual Diaphragm Dual Voice Coil Compression Driver

The revolutionary D2 Dual Driver dramatically improves the sound and performance of high frequencies, providing an extreme output advantage over conventional systems with significantly higher array power, reduced

distortion, double the number of voice coils and more than double the power handling. This results in a dramatic increase in pure high frequency sound pressure levels in the same physical footprint with a 30% reduction in weight.

Directivity.

Building better loudspeakers is only the first of many performance challenges that face all audio design engineers. Controlling the sound as it leaves the speaker enclosure is as critical to the performance of the system as the quality of the source component. The goal is always the same: create a consistent sound pattern throughout the desired vertical and horizontal plane without introducing artifacts, while ensuring the full bandwidth and SPL capability of the transducers, and providing a seamless transition from high frequency to low frequency components. JBL engineers relentlessly test new shapes and develop new materials to achieve the desired performance, often inventing new testing methodologies to ensure that nothing is left out of a thorough and rigorous examination of the design. The resulting technology has produced such ground-breaking designs as the Progressive Transition Waveguide, Image Control Waveguide, Slip Stream Port, Radiation Boundary Integrator, and Constant Curvature Waveguide. With multiple patents, and many successful installations in use worldwide, this critical component of JBL technology continues to evolve through our continuous pursuit of better, more accurate sound.

Radiation Boundary Integrator™ (RBI)

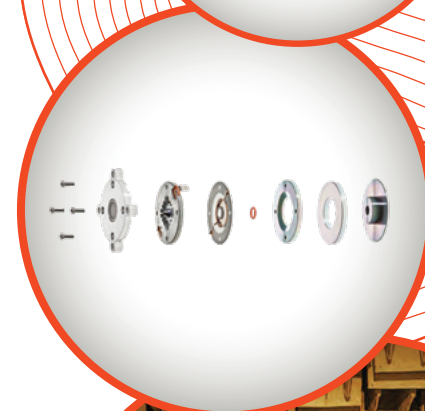
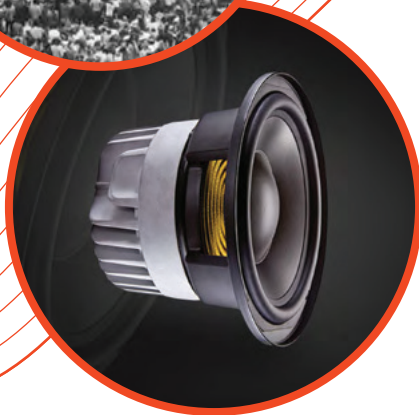
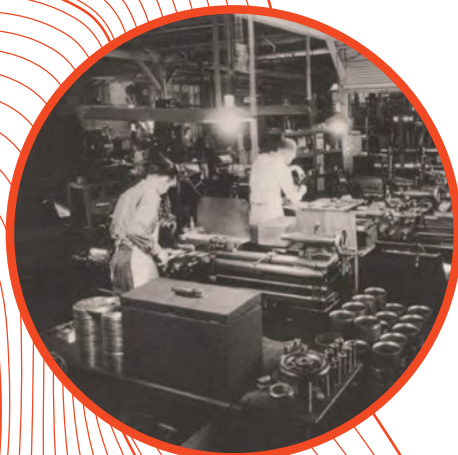
JBL's patented Radiation Boundary Integrator combines the high frequency and mid-range so the transition across each band is uninterrupted, undistorted and seamless. A patented,

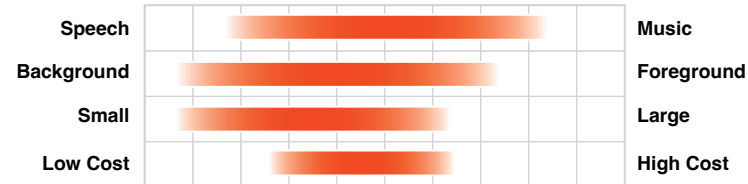
tuned resonant chamber is integrated into the waveguide itself, effectively eliminating throat-related cancellations due to back pressure from the mid-range section. Our refined RBI waveguide implementation provides improved horizontal coverage - broader and more stable.

Testing.

All audio products have a useful life, and JBL engineers are committed to making that as long as possible, not only in terms of reliability, but also in terms of how good the sound is the very first time a system is turned on. Every JBL Professional product undergoes stringent testing above and beyond what the product would face when deployed in the real world.

JBL has multiple application specific anechoic testing chambers, and has developed the only known 'Speaker Shuffler' that allows rapid and precise re-positioning of speaker systems in the exact same space for truly accurate A/B testing. This rigorous, uncompromising adherence to testing results in continuous breakthroughs in performance and ensures that JBL users worldwide can always work with confidence.





Control 10 Series

Blind-Mount Small Format Ceiling Loudspeakers

Control 10 Series in-ceiling loudspeakers meet the increased market demand for superior sound quality, installation-friendly features, and value, delivering a level of sonic performance unmatched by comparably priced products. They are ideal for applications where excellent sound quality is needed for medium-volume music playback and paging. Control 10 Series models feature wide bandwidth, wide coverage, and combined 70V/100V and 8-ohm operation in each loudspeaker. Dual conduit clamp allows separate strain reliefs for the input and loop out cables. VA versions with EN54 certification available, as well as high humidity grilles for Control 12, 14 and 16 models.



Black / White

Control 12C/T

3" Compact Ceiling Loudspeaker

Frequency Range (-10dB):
68 Hz to 17 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
20 W

Impedance / Transformer:
8 ohms / 15 W

EN 54-24 Compliant Version
Available (Control 12C-VA)



Black / White

Control 14C/T

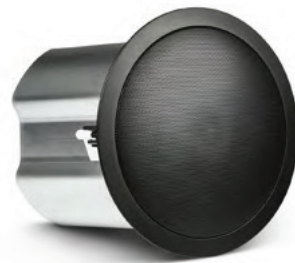
Two-Way 4" Coaxial Ceiling Loudspeaker

Frequency Range (-10dB):
74 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
30 W

Impedance / Transformer:
8 ohms / 25 W

EN 54-24 Compliant Version
Available (Control 14C-VA)



Black / White

Control 16C/T

Two-Way 6.5" Coaxial Ceiling Loudspeaker

Frequency Range (-10dB):
62 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
50 W

Impedance / Transformer:
8 ohms / 30 W

EN 54-24 Compliant Version
Available (Control 16C-VA)



Black / White

Control 18C/T

Two-Way 8" Coaxial Ceiling Loudspeaker

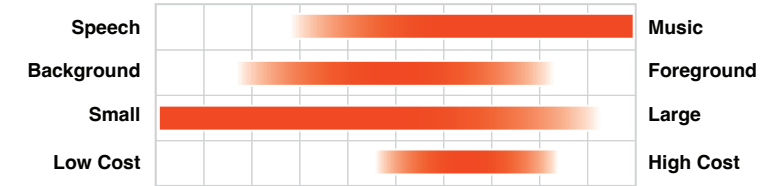
Frequency Range (-10dB):
58 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
90 W

Impedance / Transformer:
8 ohms / 60 W



Park Hyatt Bangkok, Thailand



Control 47LP

Two-Way 6.5" Coaxial Low-Profile Ceiling Loudspeaker

Frequency Range (-10dB):
68 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
75 W

Impedance / Transformer:
8 ohms / 60 W

Control 19CS
(CST)

8" Ceiling Subwoofer

Frequency Range (-10dB):
42 Hz to 200 Hz

Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:
8 ohms / 75 W

High Impedance Version Available
(Control 19CST)



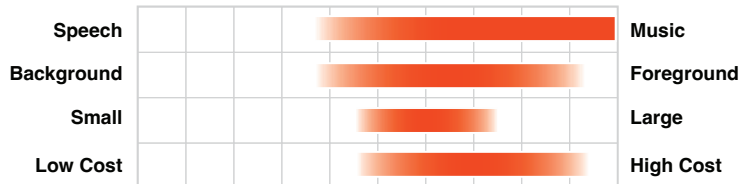
Control 40CS/T

8" Ceiling Subwoofer with Crossover

Frequency Range (-10dB):
32 Hz to 300 Hz

Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:
8 ohms / 80 W



White

Control 226C/T

6.5" Coaxial Ceiling Loudspeaker with HF Compression Driver

Frequency Range (-10dB):
47 Hz to 19 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:
8 ohms / 68 W



White

Control 227C

6.5" Coaxial Ceiling Loudspeaker with HF Compression Driver

Frequency Range (-10dB):
43 Hz to 19 kHz

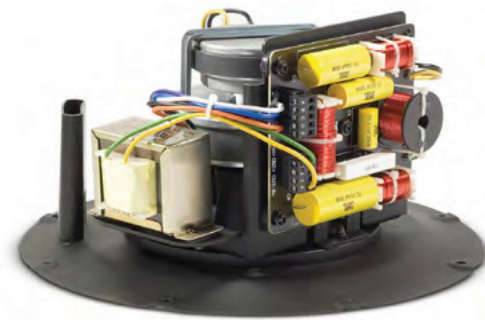
Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:
8 ohms / 68 W

Control 200 Series

Medium-Format Ceiling Loudspeakers

Control 226C/T, 227C and 227CT are premium in-ceiling loudspeakers designed to meet the increasing market demand for premium quality sound in ceiling-mount applications. The Control 200 Series loudspeakers incorporate breakthrough performance features such as best-in-class constant-directivity pattern control to provide a consistent sound throughout the listening area. Especially wide coverage allows fewer loudspeakers to cover the space, reducing both the material and labor cost for the installation. The high-power Kevlar™-reinforced 6.5" (165 mm) low-frequency driver along with the titanium-diaphragm compression driver and advanced-technology steep-slope crossover provide superb, wide-bandwidth sound quality.



White

Control 227CT

6.5" Coaxial Ceiling Loudspeaker with HF Compression Driver

Frequency Range (-10dB):
43 Hz to 19 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:
8 ohms / 68 W

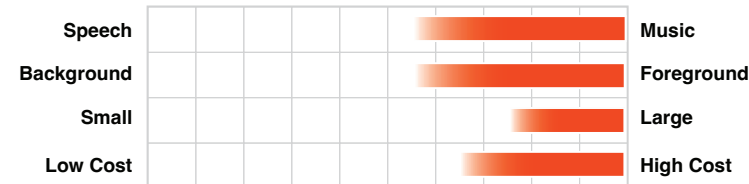
High Impedance Version Available (227CT)

For Use with Pre-Install Backcan

Control 300 Series

Large-Format Ceiling Loudspeakers

Control 300 Series represents the state of the art in large-format ceiling loudspeaker systems. True point-source coax designs, multiple power levels and transformer choices, plus an in-ceiling subwoofer, make it easy to fulfill any system performance requirements. Premium components include Kevlar™-reinforced cones, low-saturation transformers and legendary JBL compression drivers. Constant-directivity coverage, advanced high-slope crossover networks, low system distortion and smooth frequency response provides full, natural music along with exceptional speech intelligibility.



White

Control 321C (CT)

12" Coaxial Ceiling Loudspeaker with HF Compression Driver

Frequency Range (-10dB):
34 Hz to 18 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
200 W

Impedance / Transformer:
5.6 ohms / 68 W

High Impedance Version Available (Control 321CT)

For Use with Pre-Install Backcan



White

Control 322C (CT)

High-output 12" Coaxial Ceiling Loudspeaker

Frequency Range (-10dB):
32 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
250 W

Impedance / Transformer:
8 ohms / 100 W

High Impedance Version Available (Control 322CT)

For Use with Pre-Install Backcan



White

Control 328C (CT)

8" Coaxial Ceiling Loudspeaker with HF Compression Driver

Frequency Range (-10dB):
45 Hz to 18 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
150 W

Impedance / Transformer:
8 ohms / 68 W

High Impedance Version Available (Control 328CT)

For Use with Pre-Install Backcan



White

Control 312CS

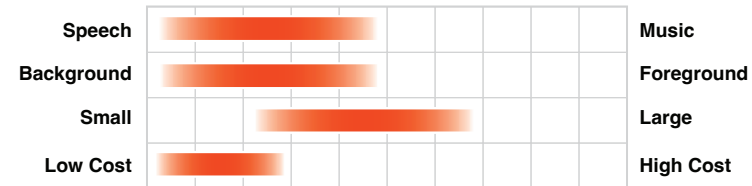
High-Output 12" Ceiling Subwoofer Loudspeaker

Frequency Range (-10dB):
30 Hz to 4.5 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
250 W

Impedance / Transformer:
8 ohms / NA

For Use with Pre-Install Backcan



White

CSS8004

100 mm (4 in) Ceiling Speaker

Frequency Range (-10dB):
85 Hz to 18 kHz

Transformer:
5 W



White

CSS8008

200 mm (8 in) Ceiling Speaker

Frequency Range (-10dB):
55 Hz to 16 kHz

Transformer:
5 W

CSS Commercial Series

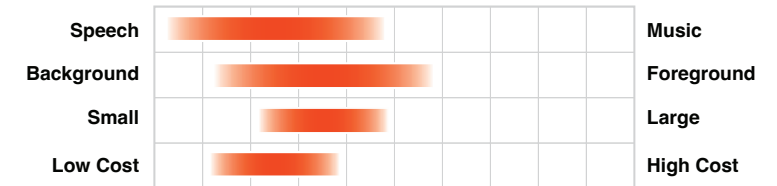
Ceiling Loudspeakers

CSS Commercial Series provide excellent performance for paging and background music applications including retail stores, restaurants, schools and other public facilities. High sensitivity speakers provide maximum sound level even at low tap settings, and wide dispersion ensures excellent coverage. The drivers all feature a full 25 mm (1 in) diameter voice coil with a Kapton™ coil-former and high-temperature wire for superior power dissipation and long-term reliability.

8100 Series

Ceiling Speakers with a Stylized Grille

High-fidelity performance at a cost-effective price point, the 8100 Series is an easy to install loudspeaker solution for a wide variety of commercial sound applications. The 8100 Series feature high sensitivity drivers that deliver maximum sound levels using minimal amplifier power. With its contemporary grill design, 70V/100V taps and open-back design, the 8100 series brings elegance and performance to basic commercial sound systems, or any application not requiring a backcan for installation.



White

8124

4-inch, Full-range In-Ceiling Loudspeaker

Frequency Range (-10dB):
60 Hz to 18 kHz

Transformer:
6 W



White

8128

8-inch, Full-range In-Ceiling Loudspeaker

Frequency Range (-10dB):
50 Hz to 16 kHz

Transformer:
6 W



White

8138

8-inch Full-Range In-Ceiling Loudspeaker for use with Pre-Install Backcans

Frequency Range (-10dB):
95 Hz to 18 kHz

Transformer:
6 W



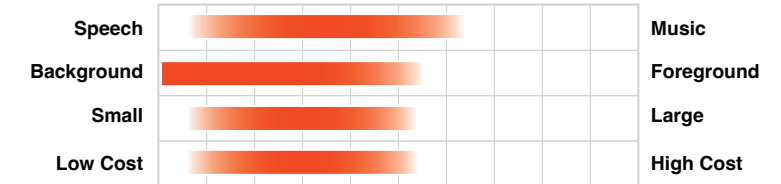
VANs Showcase Store, South Korea



The Control 60 Series brings renowned JBL sound to rooms and venues with open architecture or high ceilings, while providing superior voice and musical clarity for rooms with difficult acoustics. Easy to install stainless steel hanging hardware is included, featuring redundant suspension cables and UL listed adjustable height hangers. The Control 60 Series feature JBL-exclusive RBI Radiation Boundary Integration™ technology, providing true constant-directivity coverage. Exceptionally wide patterns reduce the number of loudspeakers needed to cover a space.



Impedance / Transformer:
8 ohms / 68 W



 **Black**

Two-Way 5.25" Compact Powered Reference Monitors

Max SPL:
111 dB



☐ White

☐ White

8" In-Wall Loudspeaker

Impedance / Transformer:
8 ohms / 50 W

High Impedance Version Available (Control 128WT)



 **Black / White**

Two-Way 5.25" Professional Compact Loudspeaker System

Impedance / Transformer:
4 ohms / NA

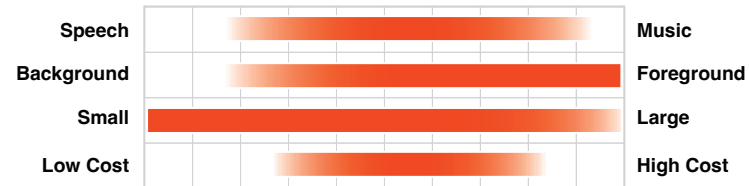
 **Black / White**

Compact 6.5" Passive Two-Way Loudspeaker System

Impedance / Transformer:
4 ohms / NA



RYU Bar, India



 **Black / White**

Control 23-1 (L)

Two-Way 3" Ultra-Compact Surface-Mount Loudspeaker

Frequency Range (-10dB):
70 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
40 W

Impedance / Transformer:
8 ohms / 15 W

8-Ohm Low Impedance Only Version Available (Control 23-1L)

 **Black / White**

Control 25-1 (L)

Two-Way 5.25" Compact Surface-Mount Loudspeaker

Frequency Range (-10dB):
60 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
75 W

Impedance / Transformer:
8 ohms / 30 W

8-Ohm Low Impedance Only
Version Available (Control 25-1L)

 **Black / White**

Control 28-1 (L)

Two-Way 8" High-Output Surface-Mount Loudspeaker

Frequency Range (-10dB):
45 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
90 W

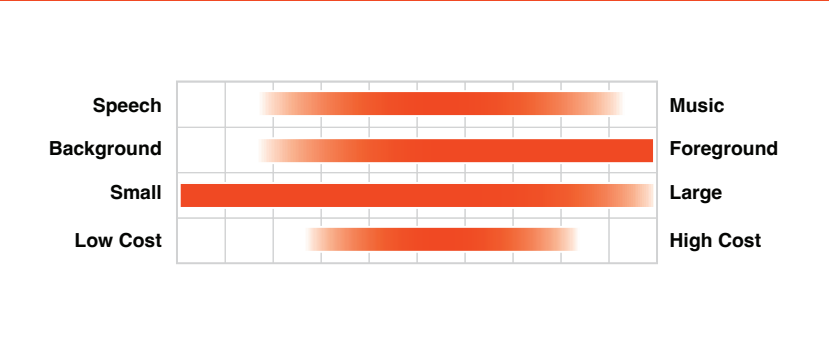
Impedance / Transformer:
8 ohms / 60 W

8-Ohm Low Impedance Only
Version Available (Control 28-1L)



Outdoor capabilities can be further enhanced with optional high-IP WeatherMax™ and/or Marine Kit grilles.





Control 25AV

**Two-Way 5.25" Video Shielded Compact
Surface-Mount Loudspeaker**

Frequency Range (-10dB):
70 Hz to 23 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:
8 ohms / 60 W

Impedance / Transformer:
8 ohms / 60 W



Control 29AV-1

**Two-Way 8”
Surface-Mount
Loudspeaker**

Frequency Range (-10dB):
37 Hz to 18 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
150 W

Impedance / Transformer:
8 ohms / 110 W

Impedance / Transformer:
8 ohms / 110 W



Control 30

**Three-Way 10"
Surface-Mount
Loudspeaker**

Frequency Range (-10dB):
38 Hz to 17 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
250 W

Impedance / Transformer:
4 ohms / 150 W

Impedance / Transformer:
4 ohms / 150 W



Control 31

**Two-Way 10"
Surface-Mount
Loudspeaker**

Frequency Range (-10dB):
33 Hz to 19 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
200 W

Impedance / Transformer:
8 ohms / 150 W

Impedance / Transformer:
8 ohms / 150 W



Control SB2210

Dual 10" Compact Subwoofer

Frequency Range (-10dB):
38 Hz to 500 Hz

Power Capacity
Cont. Pink Noise (100 hrs):
400 W

Impedance / Transformer:
8 ohms / 300 W

Impedance / Transformer:
8 ohms / 300 W



Control 52

Surface-Mount Satellite Loudspeaker

Frequency Range (-10dB):
140 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
15 W

Impedance / Transformer:

Impedance / Transformer:
16 ohms / NA



Control 50S/T

Surface-Mount Subwoofer

Frequency Range (-10dB):
32 Hz to 200 Hz

Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:

Impedance / Transformer:
8 ohms / 80 W



Control 50 PACK

**Surface-Mount Subwoofer-Satellite
Loudspeaker System**

Frequency Range (-10dB):
32 Hz to 20 kHz

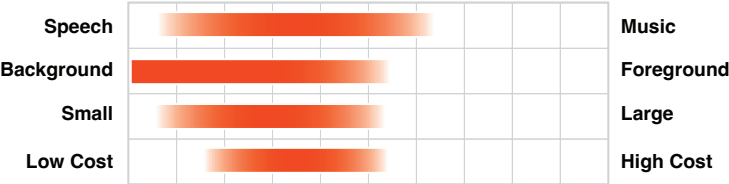
Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:
4-8 ohms / 80 W

Impedance / Transformer:
4-8 ohms / 80 W



Nam Nghi Resort's Rock Island Club, Vietnam



Black / White

Control CRV

Dual 4” Versatile High Design Loudspeaker

Frequency Range (-10dB):
80 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
60 W

Impedance / Transformer:
4 ohms / 30 W

Control CRV

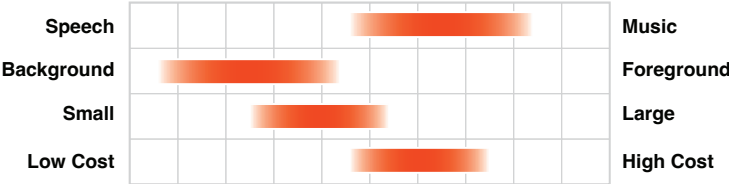
Architectural Loudspeaker

The Control CRV brings high design and versatility to high-finish commercial venues that require a fashionable look. JBL Control CRV loudspeakers are exceedingly versatile, with multiple installation possibilities -- wall-mounted aimed straight out, angled down at a 45° aiming axis, mounted spanning the junction of a wall and ceiling, or spanning the junction of two walls. Two, three, or four (with optional PMB pole-mount bracket) Control CRV loudspeakers can be joined together to create loudspeaker solutions for a wide variety of coverage, appearance, and mounting requirements.

Control HST

Wide-Coverage Loudspeaker with HST Technology™

The Control HST utilizes JBL’s patent pending Hemispherical Soundfield Technology™ to achieve extremely wide coverage of the listening space along with eliminating the primary wall reflection that tends to cause inconsistent sound when loudspeakers are attached to a wall. The wide hemispherical sound field covers from wall to wall, allowing a single loudspeaker to provide full-range sound to a large listening area. This can reduce the number of loudspeakers needed for covering a space, lowering the overall cost for a sound system.



Black / White

Control HST

Wide-Coverage Loudspeaker with 5.25” LF and Dual Tweeters

Frequency Range (-10dB):
50 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
75 W

Impedance / Transformer:
8 ohms / 60 W

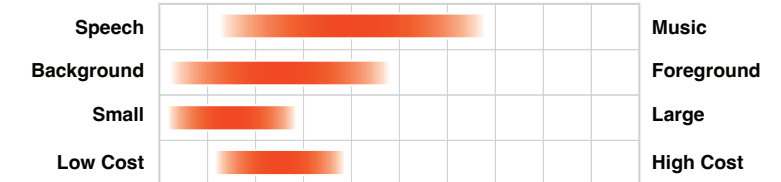




SLP Series

Sleek Low-Profile Speakers

SLP sleek, low-profile full-range on-wall loudspeakers provide superior sound and broad, consistent coverage in a sleek, low-profile enclosure that deliver the legendary sound that JBL is known for. These elegantly finished speakers complement any décor and are available in black or white finishes. These stylish, low-profile speakers feature a downward tilt to their aim, allowing them to be installed flat to the wall, making them perfect for venues such as high-finish restaurants, hotels, resorts, retail stores, and any installation application calling for a discreet yet elegant look.

 **Black / White**

SLP 12/T

Sleek, Low-Profile On-Wall Loudspeaker

Frequency Range (-10dB):
74 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
20 W (80 W Peak)

Impedance / Transformer:
8 ohms / 15 W

 Black / White

SLP 14/T

Sleek, Low-Profile On-Wall Loudspeaker

Frequency Range (-10dB):
70 Hz to 10 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
30 W (120 W Peak)

Impedance / Transformer:
8 ohms / 25 W



Category	Value (0-10)	Opposite Category
Speech	6	Music
Background	5	Foreground
Small	3	Large
Low Cost	3	High Cost



COL600

600mm (24in) Tall Column Speaker

(2) 5 x 2.25 inch racetrack woofers and
(1) 1 inch tweeter

70 Hz – 20 kHz frequency range
Wide 160° horizontal and focused 110°

vertical coverage
111 dB peak SPL

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COL Series

Slim Columns with Downward-Angled Aiming

The COL 600 and 800 models are discrete column loudspeakers with a downward tilt to their aim, allowing them to be installed flat to the wall while the sound is aimed toward the listening plane. Included L-brackets mount to the top and bottom (allowing horizontal rotation) or to left-right center points, and included wall bracket allows for further vertical aiming.

The COL 600 and 800 models are discrete column loudspeakers with a downward tilt to their aim, allowing them to be installed flat to the wall while the sound is aimed toward the listening plane. Included L-brackets mount to the top and bottom (allowing horizontal rotation) or to left-right center points, and included wall bracket allows for further vertical aiming.

1. *Journal of the American Medical Association*, 2000; 284: 2689-2695.



COL800

800mm (32in) Tall Column Speaker

(4) 5-inch x 2.25-inch racetrack woofers and
(2) 0.8-inch tweeters

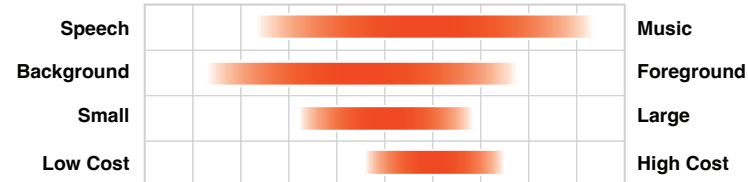
85 Hz – 20 kHz frequency range

Wide 160° horizontal and focused 60°

vertical coverage
116 dB peak SPL

(110 dB continuous), 2 hrs





Green

Control 85M

Two-Way 5.25" Coaxial Mushroom Landscape Loudspeaker

Frequency Range (-10dB):
55 Hz to 18 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
45 W

Impedance / Transformer:
8 ohms / 30 W



Green

Control 88M

Two-Way 8" Coaxial Mushroom Landscape Loudspeaker

Frequency Range (-10dB):
47 Hz to 16 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:
8 ohms / 60 W



Green

Control 89MS

8" Mushroom Landscape Subwoofer Loudspeaker with Low-Pass Crossover

Frequency Range (-10dB):
40 Hz to 150 Hz

Power Capacity
Cont. Pink Noise (100 hrs):
100 W

Impedance / Transformer:
8 ohms / 80 W

Control 80 Series

Landscape Loudspeakers

The Control 80 Series mushroom-type landscape loudspeakers feature high fidelity performance for outdoor on-ground use in applications such as hotels, restaurants, and shopping complexes. A wide frequency response and 360° of horizontal coverage ensure coverage of outdoor spaces with top-quality music and/or intelligible paging. Color is infused throughout the enclosure case to minimize the visual impact of the nicks and scratches that can happen with outdoor loudspeakers. The Control 80 Series are IP-56 rated as per IEC529. The Control 89MS can be added into a system to augment the low-frequency performance.



Park Lane Hotel, Cyprus

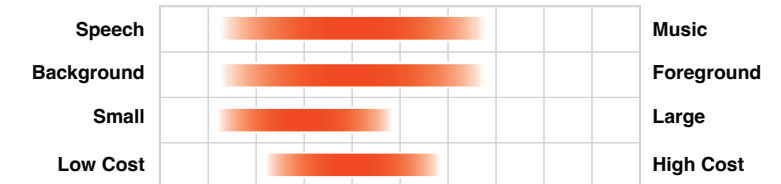


GSF Series

Garden Ground-Stake Full-Range Speakers

Weather-resistant JBL GSF garden ground-stake full-range speakers provide superior fidelity and wide coverage in a range of outdoor commercial applications. Available in hunter green and tan finishes, these speakers are the perfect sound solution for diverse outdoor applications including shopping malls, theme parks, sports venues, hospitality venues, and any application calling for a stylish, robust, great-sounding landscape speaker system.

(includes L-bracket and ground stake)

 Green / Tan

GSF3

Ground-Stake Landscape Loudspeaker

Frequency Range (-10dB):
74 Hz to 20 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
 15 W (60W Peak)

Impedance / Transformer:
8 ohms / 15 W

 **Green / Tan**

GSF6

Ground-Stake Landscape Loudspeaker

Frequency Range (-10dB):
65 Hz to 20 kHz

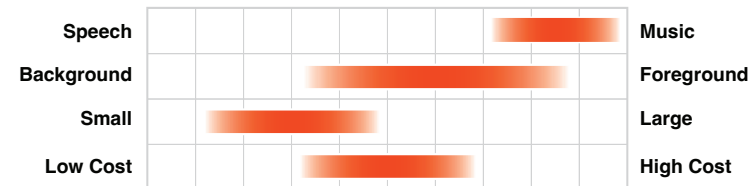
Power Capacity
Cont. Pink Noise (100 hrs):
30 W (120 W Peak)

Impedance / Transformer:
8 ohms / 30 W



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Official distributor in VIET NAM



GSB Series

Garden In-Ground Subwoofers

JBL GSB in-ground landscape subwoofers augment the low-frequency performance of JBL GSF full-range landscape speakers to provide rich, full-range sound in lawn and garden areas of hospitality, corporate and retail spaces. Add GSB subwoofers to landscape areas of hotels, shopping complexes, restaurants, public spaces, theme parks or any application that demands legendary JBL sound with deep, rich, powerful bass.



 Green / Tan

GSB8

In-Ground Landscape Subwoofer

Frequency Range (-10dB):
35 Hz to 130 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
 150 W (600 W Peak)

Impedance / Transformer:
6 ohms / 100 W



 Green / Tan

GSB12

In-Ground Landscape Subwoofer

Frequency Range (-10dB):
30 Hz to 120 kHz

Power Capacity
Cont. Pink Noise (100 hrs):
 300 W (1200 W Peak)

Impedance / Transformer:
6 ohms / 200 W

Understanding Control Contractor

The diagram shows the speaker model number "Control 47C/T" in a large, black, sans-serif font. Three red lines point to specific parts of the model number: a vertical line from the top points to "47", a vertical line from the bottom points to "47", and a horizontal line from the right points to "C/T".

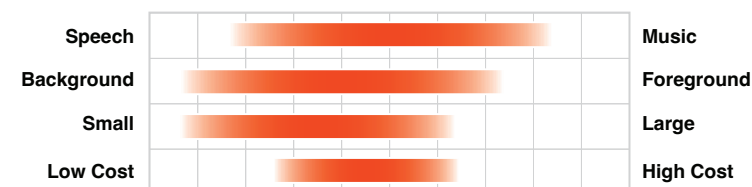
Approximate Size of Low-Frequency Driver (6.5")

Application Type (C=Ceiling)

Transformer Type
(/T = both low-impedance and Transformer)

Part of the 40 series (Ceiling Speakers with RBI™)

Annotations



* Speech/Music range based on frequency response.

* Any music-capable speaker is also speech capable.

* Ratings based on best used of the speaker line's capabilities.

* Background/Foreground range based on SPL capability for music content along with typical listening distances.

* Small/Large range based on physical size.

* Low-Cost/High-Cost range based on product's form-factor market.

* For full technical specifications please refer to the product Spec Sheet which can be found on <https://jblpro.com/en>

Suffix and Prefix Guide

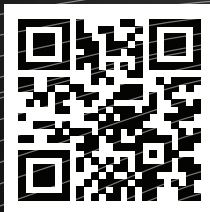
(not all accessories are shown in brochure):

C	Ceiling Speaker
CT	Ceiling Speaker with non-bypassable transformer, for 100V or 70V distributed speaker line
C/T	Ceiling Speaker with bypassable transformer, for either low-impedance or 100V/70V distributed speaker line
LP	Low-Profile Speaker (shallow, for use in ceilings with limited space above ceiling surface)
HC	High-Ceiling Speaker (narrow coverage, which works better for high ceiling applications)
P	Pendant Speaker
P/T	Pendant Speaker with bypassable transformer, for either low-impedance or 100V/70V distributed speaker line
S	Subwoofer (in most cases)
C-VA	Voice Announcement (special certification for use in voice announcement systems)
LS	UL Life Safety (may also have VA certification)
AV	Audio-Video Shielded (for use close to magnetically sensitive equipment)
W	In-Wall Speaker
WT	In-Wall Speaker with non-bypassable transformer, for 100V or 70V distributed speaker line
MTC	Mounting Bracket or accessory
WMG and MK	WeatherMax™ Grille and Marine-Kit (for extreme weather locations)
UB	U-Bracket
CM	Ceiling-Mount Adapter Arm (for surface-mount speakers)
NC	New-Construction Installation Bracket
MR	Plaster (“Mud Ring”) Installation Bracket
BB	Backbox (or backcan)
SG	Square Grille
RG	Round Grille
TB	Tile Bridge
TR	Trim Ring

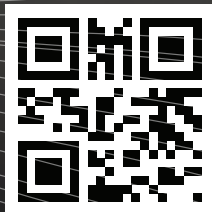
CONTROL CONTRACTOR

SCALABLE, INTEGRATED, INSTALLED AUDIO SOLUTIONS

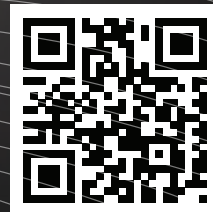
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