



JBL COMMERCIAL SERIES

High - Performance. Comprehensive. Versatile Audio.





JBL COMMERCIAL SERIES

JBL® Commercial Series, a dynamic blend of the best HARMAN brands, knows for any business, the audio system is essential to keeping your customers informed and captivated.

Leveraging the expertise honed by years of precision sound reproduction and technical innovation by JBL and other HARMAN brands, JBL Commercial crafts top-quality components to offer you high-performance yet affordable sound systems.

By providing a premium listening experience for decades in everything from large arenas to private homes, JBL is one of the most recognized and respected brands in the audio industry. Capitalizing on JBL's legendary achievements in audio engineering and technology enables JBL Commercial to set new standards in sound.

That means you'll find that our integrated array of mixer-amplifiers, amps, mixers, speakers, microphones, and wall controllers delivers precise, reliable sound in any commercial application, from soothing spas to bustling bars.

As your single-brand source, JBL Commercial Series simplifies the search for high-performance, comprehensive and versatile audio solutions for your business.



MIXER-AMPLIFIERS

ENERGY EFFICIENCY NEVER SOUNDED SO GOOD

Innovation is always evident throughout the JBL® Commercial Series product lineup, and our new high-performance, energy-efficient Commercial Series Mixer-Amplifiers (CSMA) represents the latest example.

Manufactured using HARMAN's GreenEdge™ clean standards, including a low-energy powder coat that uses 33% less energy, CSMA units conform to lead-free RoHS standards. By incorporating Crown's exclusive DriveCore™ technology, they also deliver unsurpassed reliability, thermal management and power efficiency.

Offering unmatched ease of use and driving 8 ohm and 4 ohm loads, CSMA units include balanced mic/line inputs, unbalanced RCA inputs and speaker connections, and RJ45 connectors to use with JBL CSR-V in-wall volume controls.

- Fanless, space-saving 1U design
- Configurable output routing (2 channel only)
- Independent bass/treble controls for each output channel
- Euro-block type mic/line input and output connectors, and unbalanced RCA inputs for consumer connection
- Supports 70V and 100V distributed audio systems without needing a separate transformer
- Remote volume control capability using JBL CSR-V module and standard Ethernet cable
- Priority muting, VOX ducking, and phantom power for all models



70V 100V

DRIVECORE™



SPECIFICATIONS

MODEL	Power Output (per channel)	Inputs	Output Channels	Size
CSMA180	80W	4	1	1U Half-Rack
CSMA1120	120W	4	1	1U Half-Rack
CSMA240	40W	8	2	1U Full-Rack
CSMA280	80W	8	2	1U Full-Rack
CSMA2120	120W	8	2	1U Full-Rack

Visit JBLCOMMERCIALPRODUCTS.COM for full specifications.



AMPLIFIERS

SMALL FOOTPRINT. BIG SOUND.

By combining years of innovation, invention and insight from HARMAN brands, JBL® Commercial Series Amplifiers (CSA) go well beyond the expected in generating powerful sound.

From the switch-mode universal power supply to the efficient performance of Crown's DriveCore™ Technology, we continue to set new standards in commercial power amplifier technology.

CS AMPLIFIERS

Simple to configure, the CS amp provides a DriveCore-based sound solution. This replaces up to 500 parts with one small chip, significantly reducing the part count and increasing reliability while maintaining superb performance.

Supporting 70V and 100V installations out of the box, CS amps include RJ45 connectors for use with JBL CSR-V in-wall volume controls. Its universal power supply allows every CS amp to accept AC voltages from 100 to 240 VAC, 50/60 Hz.

And with HARMAN's GreenEdge™ environmental initiative, CS amps quickly pay for themselves in energy savings.

- 1 or 2 output channels with 40W, 80W, 120W per channel
- Built-in 70V and 100V
- Fanless, space-saving 1U design
- Sleep mode disable function
- Energy-efficient amplifier
- Sleek industrial look with illuminated rings making knobs easy to see and use
- Supports the JBL CSR-V wall controller via Ethernet cable
- Universal power supply



70V 100V DRIVECORE™



SPECIFICATIONS

MODEL	Power Output (per channel)	Output Channels	Size
CSA 140Z	40W	1	1U Half-Rack
CSA 180Z	80W	1	1U Half-Rack
CSA 1120Z	120W	1	1U Half-Rack
CSA 240Z	40W	2	1U Half-Rack
CSA 280Z	80W	2	1U Half-Rack
CSA 2120Z	120W	2	1U Half-Rack

Visit JBLCOMMERCIALPRODUCTS.COM for full specifications.

CSA-2120 & CST-2120

A professional-grade, two-channel model, the CSA-2120 power amplifier provides simple analog front-end processing. Delivering 2 x 120W at 4 and 8 ohms, this efficient, lightweight unit is convection-cooled and has an auto-standby mode to save energy.

The JBL® CST-2120 transformer module comes with a rack mounting kit so you can install it to a cabinet or wall. It supplies impedance and voltage matching from the CSA-2120 amplifier (with 4 and 8 ohms outputs) to drive 70V and 100V distributed speaker systems.

CSA/CST FEATURES

- Auto-standby mode for energy savings
- Balanced (Euroblock) and unbalanced (RCA) mono-summing inputs
- 1U lightweight design
- Plenum rated
- Over-heat auto protection
- Switch-mode universal power supply
- 2 x 120W at 4 and 8 ohms
- Compact size (1.75" H x 8.2" W x 9" D)
- Lightweight (under 4 lbs.)
- Optional Transformer Kit: CST-2120 for H-Z applications

CST-2120 TRANSFORMER KIT

- Providing two channels for constant voltage operation
- 70V/ 100V Outputs
- Rack-mountable with CSA2120
- Detachable block input and output connectors



SPECIFICATIONS

CSA Output Power	120W per channel
CSA Channels	2
CSA Sensitivity (8 ohms load)	1.4 Vrms
CSA Signal to Noise Ratio	>100 dB
Weight & Size	2.9 lbs. (1.3 kg); 1U, Half-rack

Visit JBLCOMMERCIALPRODUCTS.COM for full specifications.



MIXERS

EASY TO USE AND VERSATILE

Backed by the combined technological prowess of multiple HARMAN brands, the JBL® Commercial Series Mixers (CSM) deliver unsurpassed quality in commercial sound.

CS MIXERS

Easily configured for a range of applications, such as background music, security, and paging, CSM units are designed for everything from schools and hospitals to restaurants and fitness facilities.

They feature RJ45 connectors for use with JBL CSR-V in-wall volume controls, and a universal power supply that accepts AC voltages from 100 to 240 VAC, 50/60 Hz.

Plus, they're built using HARMAN's GreenEdge™ clean standards to offer numerous energy-efficient benefits, including a lighter weight, space-saving design, and conforming to RoHS standards.

- 4 or 8 inputs with 1 or 2 channel outputs
- Fanless, space-saving 1U design
- Independent base/treble controls
- Euro-block type mic/line input and output connectors, and unbalanced RCA inputs for consumer connection
- Sleek industrial look with illuminated rings making them easy to see and use
- Configurable output routing (2 channel models only)
- Supports JBL CSR-V wall controller via Ethernet cable
- Priority muting, VOX ducking, and phantom power for all models



SPECIFICATIONS

MODEL	Inputs	Outputs	Size
CSM-14	4	1	1U Half-Rack
CSM-28	8	2	1U Full-Rack

Visit JBLCOMMERCIALPRODUCTS.COM for full specifications.

CSM-21 AND CSM-32 PUBLIC ADDRESS MIXERS

The JBL® Commercial Series CSM-21 and CSM-32 Mixers offer a wide array of processing tools, including priority override, page ducking, source and zone EQ, and a built-in crossover.

Helping maintain optimum levels through the system, LevelGuard™ automatically applies the right amount of compression to the source signals based upon the incoming level.

AutoWarmth™ automatically adjusts the tonal balance within a zone based upon the zone output level, preventing music from sounding thin at lower levels or excessively resonant at higher levels.

- Auto-standby mode for energy savings
- Balanced (Euroblock) and unbalanced (RCA) mono-summing inputs
- 1U lightweight design
- Plenum rated
- Over-heat auto protection
- Switch-mode universal power supply
- Quick and simple configuration via front/rear panel controls
- Security plate for front panel lockout (included)
- CSM-21 only:
 - 2 stereo inputs, 1 mic input and 1 line input for priority audio
 - 1 stereo output with dedicated subwoofer output
- CSM-32 only:
 - 3 stereo inputs, 1 mic input and 1 line input for priority audio
 - 2 stereo outputs with dedicated subwoofer output
 - 1 mono isolated output for music-on-hold system





LOUDSPEAKERS

CONSUMMATE CLARITY JBL® Commercial Series Speakers are designed for a variety of businesses, including retail, restaurants, casinos, convention centers, museums and much more. With ceiling, in-wall and indoor/outdoor offerings – all providing maximum sound levels – you can choose the speaker system solution that's just right for your business.

CEILING LOUDSPEAKERS

CONTROL 120/T

3" Ceiling Speaker

- 20W at 8 ohm, 15W multi-tap at 70V/100V
- 68 Hz - 17 kHz bandwidth with wide 130 degree coverage
- Includes mounting hardware
- Available in black or white



CONTROL 140/T

4" Ceiling Speaker

- 30W at 8 ohm nominal setting; 25W multi-tap at 70V/100V
- 74 Hz - 20 kHz bandwidth with wide 120 degree coverage
- Includes mounting hardware
- Available in black or white



CONTROL 160/T

6-1/2" Ceiling Speaker

- 50W at 8 ohm nominal setting; 15W multi-tap at 70V/100V
- 62 Hz - 20 kHz bandwidth with wide 110 degree coverage
- Includes mounting hardware
- Available in black or white



8124

4" Ceiling Speaker

- 20W at 8 ohm, 15W multi-tap at 70V/100V
- High sensitivity (93 dB, 1W, 1 m) for maximum power efficiency
- C-Fing (MTC-8124Q) and tile rails (MTC-PAIL) optional



8128

8" Ceiling Speaker

- 25W at 8 ohm, 15W multi-tap at 70V/100V
- High sensitivity (97 dB, 1W, 1 m) for maximum power efficiency
- C-Fing (MTC-8128Q) and tile rails (MTC-PAIL) optional



8138

8" Ceiling Speaker

- 25W at 8 ohm, 15W multi-tap at 70V/100V
- High sensitivity (97 dB, 1W, 1 m) for maximum power efficiency
- MTC-81BB8 backcan and MTC-81TB8 (optional)



CSS8004 – 4" / CSS8008 – 8" / CSS8018 – 8"

Ceiling Speakers

- Driver size (dual-cone): 100 mm (4") / 200 mm (8") / 200 mm (8")
- Driver sensitivity (mid-range, 1W, 1m): 90 dB / 96 dB / 97 dB
- Frequency range (installed in CSS backcan): 130 Hz-18 kHz / 100 Hz-16 kHz / 90 Hz-16 kHz
- Coverage: wide 75 degrees / 120 degrees conical / 110 degrees
- Corresponding Backcan: CSS-BB4 / CSS-BB8 (packed in sets of 6 pcs)
- Tile Rails: CSS-TR4 / 8 (pack of 12 pcs)



C65P/T

Compact Full Range Pendant Speaker

Excellent sound quality coupled with stylish design and easy installation.

- 150W, 8 ohms and 60W multi-tap transformer
- 102 degree conical coverage
- 55 Hz – 20 kHz frequency (-10 dB)
- Includes hanging hardware



CSS-1S/T

Compact On-Wall Loudspeaker

- 10W multi-tap transformer for 100V or 70V distributed speaker lines
- 8 ohm direct setting
- 120 Hz – 16 kHz frequency response
- 60W power capacity
- Mounting hardware included



CONTROL 25T

5 1/2" 2-Way Transformer Indoor/Outdoor Loudspeaker

The most versatile of JBL® Professional's Control Contractor Series indoor/outdoor loudspeakers.

- Isolation transformer for 70.7V/100V distributed line sound systems
- Weather-resistant enclosure and transducers
- 80 Hz to 15 kHz
- Available in black or white



CSS-H15

15 Watt Paging Horn

- Wide 70° horizontal by 90° vertical coverage for medium throw applications
- Phenolic diaphragm driver for outdoor durability and high reliability
- UL-registered 15-watt multi-tap transformer, with 8 ohm direct bypass
- Built-in high-pass filter enhances reliability by protecting against low frequency damage



CSS-H30

30 Watt Paging Horn

- Wide 50° horizontal by 70° vertical coverage for long throw applications
- Phenolic diaphragm driver for outdoor durability and high reliability
- UL-registered 30-watt multi-tap transformer, with 8 ohm direct bypass
- Built-in high-pass filter enhances reliability by protecting against low frequency damage



LOUDSPEAKER ACCESSORIES – CSS Series

CSS-BB4 & CSS-BB8

4" Backcan for CSS8004 Speaker &
8" Backcan for CSS8008 or CSS8018 Speaker

- Comes in packs of 6 pieces
- Zinc-plated, powder-coated steel
- Five conduit knockouts



CSS-BB4
for CSS8004

CSS-BB8
for CSS8008
or CSS8018

CSS-TP4/8

Tile Rails for CSS-BB4
and CSS-BB8 Backcan

- Comes in packs of 12 pieces for 6 backcans
- Punch-formed steel, zinc-plated



LOUDSPEAKER ACCESSORIES – 8100 Series

MTC-81TB8

Tile Bridge for 8138 & 81BB8

- 4 pieces per carton
- Fits 8138 speaker and MTC-81BB8 backcan
- Rust-resistant 19 gauge (1 mm thick) steel
- Load-bearing bridge eliminates ceiling tile sag



MTC-8128C & MTC-8124C

C-Ring for 8128 & 8124

- 4 pieces per carton
- Integral clips for MTC-RAIL
- Spreads ceiling loading



MTC-8128C
for 8128

MTC-8124C
for 8124

MTC-81BB8

Deep Backcan for 8138

- 4 pieces per carton
- Fits 8138 speaker and MTC-81TB8 tile bridge
- Five conduit knockouts



MTC-RAIL

Tile Rail for 8124 & 8128

- Package of 4
- Fits 8124 and 8128 speakers





MICROPHONES

START TALKING Whether making in-store announcements, informing theater patrons the show is about to start, or allowing seminar speakers to roam freely across a stage, JBL® Commercial Series microphones provide clean, dynamic sound. Easy to use, they're designed to work with other JBL Commercial Series products for an optimal audio system solution.

PAGING MICROPHONES

AKG CGN321 STS

Tabletop Microphone Set

A heavy-duty, professional unit with excellent shock-absorbing properties.

- Programmable functions: push-to-talk, push-to-mute, push on/off, low-cut on/off
- Frequency Range: 70 to 180 Hz
- LED status square displays status
- Ideal for use with CSMA & CSM models



CSPM-1

1-Zone Paging Mic

- 1 push-to-talk button
- Ideal for paging to 1 Zone
- Ideal for use with all CSMA and CSM models



CSPM-2

2-Zone Paging Mic

- 1 push-to-talk button
- 2 zone selection buttons
- Ideal for paging to 2 zones
- Ideal for use with CSM-21 and CSM-32



CSPM-4

4-Zone Paging Mic

- 1 push-to-talk button
- 4 zone selection buttons
- Ideal for paging to 4 zones
- Ideal for use with CSM-32



WIRELESS MICROPHONE SETS

AKG PERCEPTION

Wireless 45 Vocal Set

- For houses of worship, hotels, clubs and band applications
- Includes: SR45 receiver, HT45 handheld transmitter, stand adapter, switch-mode power supply and AA battery



AKG WMS40 MINI

Vocal Set

- Basic plug-and-play vocal wireless microphone system
- Up to 30 hours play time with one single AA battery
- Includes: SR40 Mini Receiver, HT40 Mini Handheld Transmitter, Switch-Mode power supply and AA battery



AKG PERCEPTION

Wireless 45 Presenter Set

- For houses of worship, hotels, clubs and band applications
- Includes: SR45 receiver, PT45 body-pack transmitter, CK99 L Lavalier microphone, switch-mode power supply and AA battery



HARDWIRED MICROPHONES

AKG P3 S

High-performance Dynamic Microphone

- Designed for backing vocals, guitar and wind instruments
- Frequency Range: 20-160 Hz
- Rugged, heavy duty-metal case and wire mesh grill





WALL CONTROLLERS

SOUND CONTROL AT YOUR FINGERTIPS

The JBL® Commercial Series remote wall controllers offer source selection and/or volume control from an elegant user interface. Using Cat. 5 cable and installation-friendly RJ-45 connectors, the controllers can be placed up to 1000' (305m) from the CSM mixer. All controllers are available in black or white, and in US or EU form factors.



CSR-V

1-Zone Wall Controller

- Volume Control
- RJ-45 / Cat. 5 Connection
- Up to 1000' (305 m) from CSM device
- For use with all CSMA, CSM, and CSA (Z) models
- Available in black or white



CSR-2SV

2-Zone Wall Controller

- Volume Control
- Source Selection (2 Sources)
- RJ-45 / Cat. 5 Connection
- Up to 1000' (305 m) from CSM device
- For use with CSM-21 and CSM-32
- Available in black or white



CSR-3SV

3-Zone Wall Controller

- Volume Control
- Source Selection (3 Sources)
- RJ-45 / Cat. 5 Connection
- Up to 1000' (305 m) from CSM device
- For use with CSM-32
- Available in black or white



For more information, please visit:

jblcommercialproducts.com
crownaudio.com

All specifications subject to change without prior notice.

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