JBL® COMMERCIAL SERIES

MIXER-AMPLIFIERS | AMPLIFIERS | MIXERS

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

Leveraging the expertise honed by years of precision sound reproduction and technical innovation by JBL, Crown and other HARMAN brands, JBL Commercial crafts top-quality components to offer 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 and technology innovations enables JBL Commercial to set new standards in sound.

Designed and engineered by Crown for JBL Commercial Series, our lineup of mixer-amplifiers, amplifiers and mixers delivers clear sound for announcements and music for everything from a casual coffee shop to a crowded night club.

Plus, with HARMAN’s GreenEdge™ environmentally conscious manufacturing, our products dramatically reduce energy consumption and leave a smaller footprint behind on the world.

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

Combining hundreds of parts into one chip smaller than a dime, DriveCore provides:

- More operating efficiency and reliability by using fewer parts
- Significantly reduced power consumption
- The audio quality of a highly evolved Class AB design in an ultra-efficient amp
- Greater accuracy, reduced weight and best-in-class signal-to-noise performance

70V & 100V

Power efficiency and cost efficiency combine in a versatile, high-impedance system that:

- Allows one amp channel to drive multiple speakers without complex wiring
- Produces different sound levels for different listening areas using the same amp channel
- Uses smaller gauge, less-expensive cable compared to typical 8 ohm speaker system
- Expands easily – just add to a speaker run
- Simplifies adding volume control to single- or multiple-speaker zones
GREENEDGE™ BY HARMAN

HARMAN GreenEdge audio systems utilize innovative amplifier and speaker technologies that increase efficiency levels. This means the new HARMAN GreenEdge audio system solutions are more energy-efficient and lighter weight than conventional systems while delivering the power and quality you expect from HARMAN brands.

Manufactured under HARMAN’s GreenEdge initiative, JBL® Commercial mixer/amps:

- Conform to lead-free RoHS standards
- Use recycled copper, aluminum and steel from factory processes
- Require less power and produce less heat
- Are lighter in weight leading to less freight and reduced emissions
- Include a low-energy powder coat that uses 33% less energy
## Energy Efficiency
Never Sounded So Good

Our new high-performance Commercial Series Mixer-Amplifiers (CSMA) represent the latest example of JBL® Commercial innovation. Driving 8 ohm and 4 ohm loads, CSMA units include Euro-block mic/line inputs, unbalanced RCA inputs, and RJ45 port for remote volume control.

Leveraging high-efficiency DriveCore™ Technology and GreenEdge™ manufacturing to quickly pay for themselves in energy savings, our CSMA line offers you an easy-to-use professional tool with uncompromised performance that is ENERGY STAR® certified.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Power Output Per Channel</th>
<th>Inputs</th>
<th>Output Channels</th>
<th>Input Sensitivity</th>
<th>Phantom Power</th>
<th>Priority Muting</th>
<th>Configurable Output Routing</th>
<th>AC Line Voltage</th>
<th>Dimensions (HxWxD)</th>
<th>Included Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSMA180</td>
<td>80W</td>
<td>4</td>
<td>1</td>
<td>.775Vrms for 8Ω</td>
<td>27VDC</td>
<td>Yes</td>
<td>No</td>
<td>100-240V, 50/60 Hz</td>
<td>1.7” x 8.6” x 11.9” (43.3mm x 219.5mm x 303.4mm)</td>
<td>Rack mounting kit</td>
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<td>CSMA1120</td>
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<td>CSMA240</td>
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<td>100-240V, 50/60 Hz</td>
<td>1.7” x 17.2” x 11.9” (43.3mm x 436.9mm x 303.4mm)</td>
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<td>CSMA280</td>
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<td>CSMA2120</td>
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### Features
- ENERGY STAR® certified
- 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
SMALL FOOTPRINT. BIG SOUND.

JBL® Commercial Series Amplifiers (CSA) go well beyond the expected in generating powerful sound as we continue to set new standards in commercial amp technology.

CS AMPLIFIERS

Simple to configure, the CS amp provides a DriveCore™-based sound solution for increased reliability and unrivaled performance that is ENERGY STAR® certified.

- **ENERGY STAR® certified**
- 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
- 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

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<th>Output Channels</th>
<th>Input Sensitivity</th>
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<th>AC Line Voltage</th>
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<th>Included Accessories</th>
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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.

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

<table>
<thead>
<tr>
<th>CSM14</th>
<th>CSM28</th>
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<tbody>
<tr>
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<td>PRIORITY MUTING</td>
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<td>CONFIGURABLE OUTPUT ROUTING</td>
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