



# CSA-1300Z CSA-2300Z

Amplifiers For  
JBL CS Commercial Solution Series  
Public Address System



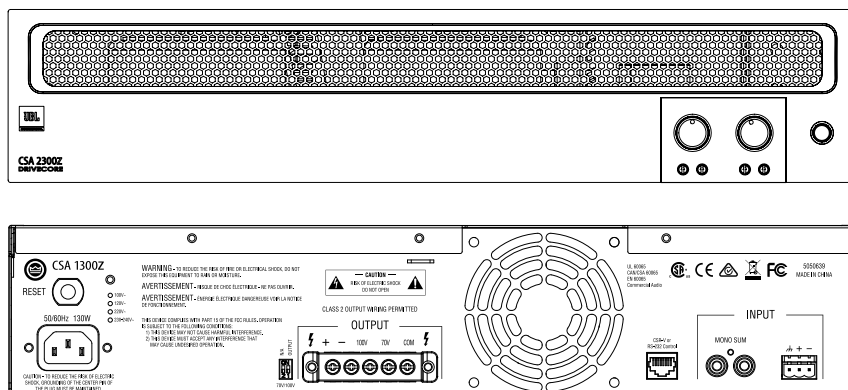
The JBL® Commercial Series of Amplifiers are a professional tool designed and built for Installed sound applications. There are both single channel and two channel models. They provide amplification with a choice of low impedance, 70V or 100V outputs.

The product includes a rack mounting kit for installations to a cabinet. The system can be easily expanded with additional JBL Commercial Series products. Provisions are included for a remote volume control using the JBL CSR-V control module.

## Features

- 1 or 2 channels X 300W output
- Built-in 70V and 100V
- Space-saving 2 RU design
- Sleep mode disable function
- Energy-efficient amplifier
- Sleek industrial look with illuminated rings making knobs easy to see and use
- Supports JBL CSR-V wall controller via CAT5 cable with RJ45 connectors
- Euro-block style input connectors, barrier strip output connectors
- Independent Bass and Treble controls for each output channel
- Capable of RS232 control of volume, mute and sleep mode

## Line drawing (CSA-2300Z example)





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## CSA-1300Z / CSA-2300Z Specifications

Performance	CSA 1300Z	CSA 2300Z
Rated Power into 4 Ω or 8 Ω; 1kHz, ≤ 0.5% THD	300W	300W
Number of Output Channels	1	2
Insertion Loss (70V & 100V outputs)	1 dB maximum	
Input Sensitivity (8 Ω Load)	Balanced line input: 775mV <sub>RMS</sub> ; RCA Mono Sum input: 300mV <sub>RMS</sub>	
Frequency Response (8Ω, 20Hz - 20kHz, tone controls set to flat response)	+/- 1.0 dB	
Total Harmonic Distortion (THD) (@ Full rated power, 20Hz-20kHz)	<0.5%	
Signal-to-Noise Ratio (Ref. rated output, 22KHz BW, A-weighted)	>97dB	
Input Impedance (nominal)	Euro Block: 20 kΩ (balanced); RCA: 10 kΩ	
Maximum Input Level	+22dBu (Nominal)	
Crosstalk (Ref. rated power, A-weighted, 1kHz)	<-70 dB	
Tone Controls (Bass and Treble non-detented potentiometers on each channel)	Bass +/-12dB @100Hz Treble +/-12dB @10kHz	
Nominal AC Line Voltages	100V, 120V, 220V, 230-240V, 50/60 Hz	
Minimum Load Impedance Low-Z Output 70V Output 100V Output	4 Ω 12 Ω 24 Ω	4 Ω 12 Ω 24 Ω
Operating Temperature/Humidity	0°C to 35°C @ 95% R.H. (non-condensing)	
Storage Temperature	-20°C to 85°C	
<b>Dimensions &amp; Weight</b>		
Net Weight (preliminary estimate)	13.1 lb (5.95 kg)	17.8 lb (8.05 kg)
Dimensions	Width: 17.0 in. (432 mm) Depth: 10.8 in. (274 mm) Height: 3.5 in. (89 mm)	
Shipping Weight	16.4 lb (7.45 kg)	20.6 lb (9.35 kg)

### Contact Information

#### On The World Wide Web:

[www.jblcommercialproducts.com](http://www.jblcommercialproducts.com)

#### Professional Contacts, Outside the USA:

Contact the JBL Professional Distributor in your area.

A complete list of JBL Professional international distributors is provided at our U.S.A. website:

[www.jblpro.com](http://www.jblpro.com)

### Ordering Information

**CSA-1300Z**

Amplifier

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