

CA200Z

MIXING AMPLIFIERS

AV Integration Digital Mixing Amplifier



PRODUCT OVERVIEW

The CA200Z is a compact digital mixing amplifier with 2 x 70 WRMS output zones and 6 audio inputs, together with a full and smart set of remote control options. It is a perfect solution in many applications: an all-in-one audio device in retail shops, multimedia, presentation and education projects that can be perfectly integrated with external control devices, from Ecler and from third-party players.

KEY FEATURES

- 4 LINE ST & 2 MIC audio inputs, with independent routing and levels for outputs A and B
- 2 x 70 WRMS @ 4 Ω audio outputs
- STEREO, MONO, BRIDGE or independent ZONES A/B working modes
- 2-level Talkover / Pager priority system
- Additional PAGER input for the connection of the MPAGE4 desktop paging station
- MIC2 and LINE2 inputs doubled on front panel , with jack and mini-jack connectors
- AUX A/B LINE output
- Front panel LCD display
- ON / STANDBY, Signal Present and CLIP LED indicators
- RS-232 interface for external (third-party) remote control. CANET protocol compatible
- 2 REMOTE ports included, compatible with WPM series (0-10 VDC): zone A / zone B volume and source / preset selection
- IR receiver (IR remote control included)
- Auto start-up preset recovery function
- LCD display with ON, OFF and DIMMED idle modes
- Auto stand by function

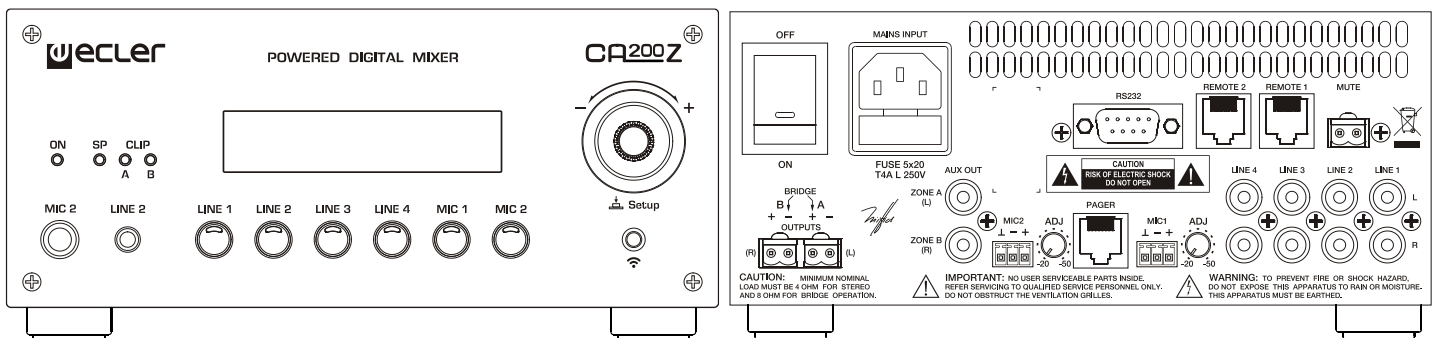
APPLICATIONS

- Classrooms
- Meeting rooms
- Multimedia presentations (in combination with video projectors, screens, etc.)
- Retail shops
- Museums and exhibitions
- Integrated AV systems with central remote control system (Crestron®, Extron®, AMX®, etc.)

APPLICATIONS

- EN60065:2014
- EN55103-1:2009
- EN55103-2:2009
- 2006/95/EC
- 2004/108/CE

MECHANICAL DIAGRAM



TECHNICAL SPECIFICATIONS

CA200Z

Power (each output)	
	70W@4Ω 1% THD 38W@8Ω 1% THD
BRIDGE	97W@8Ω 1% THD
Damping Factor 1kHz @ 8Ω	>140
Frequency response	15Hz - 40kHz (-3dB)
THD+Noise @ 1kHz Full Pwr. SPKR OUT	<0.08%
THD+Noise AUX OUT	<0.03%
Channel crosstalk @ 1kHz	>60dB
Inputs Sensitivity nom/Impedance:	
LINE 1-4	-6dBV (0dBV*)/>10kΩ
MIC 1-2 (BAL)	-20 to -50dBV/>1kΩ
CMRR	
MIC 1-2 (BAL)	>65dB @ 1kHz
Outputs Level/Minimum Load	
AUX OUT	-6dBV/10kΩ
Tone control (LINE & MIC)	
BASS	100Hz ±10dB
TREBLE	6KHz ±10dB
Signal Noise Ratio	
LINE	>85dB
MIC (BAL)	>62dB
Talkover	
TIME	2 Sec.**
DEPTH	-30dB**
Microphone Noise Gate	20-25-30dB below max.**
Phantom voltage	+24VDC/8mA max.*
RS-232 DB-9	
BAUD RATE	9600 (fixed)
DATA	8 bits
PARITY	NONE
STOP BITS	1
FLOW CTRL	NONE
Analog Remote 1-2 (0-10V. based)	Volume & Input selection
Infrared Remote	Preset, Source & Volume
Mains	90-264VAC 47-440Hz
Power consumption	
pink noise, 1/8 power @ 4ohm	62VA/30W
pink noise, 1/3 power @ 4ohm	78VA/61W
max. @ 4ohm	240VA/160W
Stand By (time 2 minutes)	<8W
General	
Dimensions WxDxH	210x230x88mm
Net Weight	2340g
Gross Weight	3550g

*Internally selectable: factory settings -6dB from Serial Number 23406XXXX

**Software selectable



All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.

For technical requests address to your supplier, distributor or fill the contact form in our website, at [Support / Technical Request](#).

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