

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

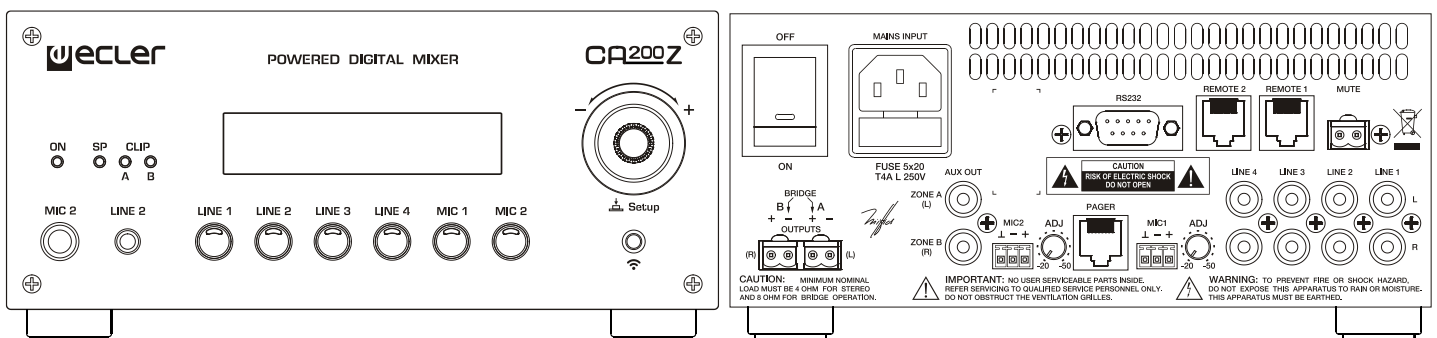
APPLICATIONS

- 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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