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. CA-NET 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
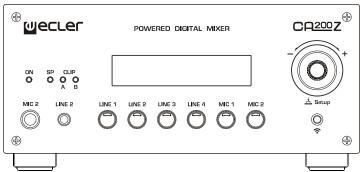• Auto stand by function

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.)
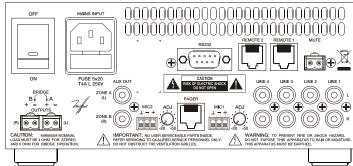
CERTIFICATIONS

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

MECHANICAL DIAGRAMS

TECHNICAL DATA

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
Power consumption (pink noise, 1/3 power @ 4ohm)		78VA/61W
Power consumption (max. @ 4ohm)		240VA/160W
Power consumption Stand By (time 2 minutes)		<8W
Dimensions WxDxH		210x230x88mm
Weight	Net	2340g
	Gross	3550g

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

**Software selectable