

The CA200z is a compact digital mixing amplifier with 2 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

- 2 x 70 W RMS @ 4 Ω amplifier
- STEREO, MONO, BRIDGE or independent ZONES A/B working modes
- 4 LINE stereo inputs. Each independent audio output (ZONE A or B) can have its own LINE source selection among these 4 options, with independent VOL and independent tone control
- 2 MIC balanced inputs. MIC1 and/or MIC2 can be sent independently to ZONE A or ZONE B, using the Talkover or Pager feature or not (straight mix)
- 2-level Talkover / Pager priority system (MIC1 and 2 can have the same or different priority level)
- MIC1 and MIC2 with Phantom power and independent Noise Gate and Talkover / Pager functions, with adjustable thresholds, attenuation, attack times, etc.
- 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, for the connection to external amplifiers or mixers / matrixes
- Front panel LCD display
- Digital rotary encoder for zone selection, volume management and the basic and advanced setup modes browsing
- Direct access selection keys for the LINE and MIC inputs
- 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), one for each output zone: volume and source / preset selection
- IR receiver (IR remote control included)
- 5 Preset working memories, recoverable by means of the front panel controls, IR remote control, WPmVOL-SR panel or RS-232 interface
- Auto start-up preset recovery function
- Front panel LOCK mode to avoid unwanted manipulation
- LCD display with ON, OFF and DIMMED idle modes
- 2 x 70 Wrms power, class D amplifier. It can also work in BRIDGE mode
- Universal Switching Power Supply
- Auto stand-by function (these last 4 features make it a real Green product)
- Size: half-rack width, compatible with the mini-racks used more and more in some applications, and also with standard full-rack width using the 2UHRMKIT optional kit



Optional TR2-70 transformer kit (70/100V lines adapter)

Free EclerCOMM Manager software application available



Recommended loudspeaker selection

- AUDEO series
- AMBIT series
- IC in-ceiling series
- ICPLUS in-ceiling series

Technical Characteristics

CA200z

POWER (each output)		70W@4Ω 1% THD
	BRIDGE	38W@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	0dBV [-6dBV*]/>10kΩ
	LINE 2	0DBV [-6dBV*]/>8kΩ
	MIC 1-2 (BAL)	-20 to -50dBV/>1kΩ
CMRR	MIC 1-2 (BAL)	>65dB@1kHz
	AUX OUT	-6dBV/10kΩ
Outputs Level/Minimum Load	BASS	100Hz ± 10dB
	TREBLE	6KHz ± 10dB
Tone Control (LINE & MIC)	LINE	>85dB
	MIC (BAL)	>62dB
Signal Noise Ratio	TIME	2 Sec**
	DEPTH	-30dB**
Talkover		

CA200z

Microphone Noise Gate	DEPTH	20-25-30dB below max**
Phantom voltage		+24VDC/8mA max.*
RS232 DB9	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		
** Software selectable		

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.)

Accessories

- WPm series wall panel controls
- MPAGE4 desktop paging station
- MPAGE1 desktop paging station
- 2UHRMKIT optional rack mount kit