



- Unmatched audio quality hi efficiency Class H design
- 2/4 Channels models from 1.000W up to 10.000W
- Ultra light weight 6.5kg, compact package 25cm deep
- Last generation QuantaPulse™ switch mode power supply
- RAM Audio Power Management System (PMS™) and Clip Limiter (ICL™)
- Up-side-down design to avoid fan dust acumulation
- Industry standard Neutrik® XLR and Speakon® connectors
- Comprehensive protection set (ICL, PMS, SSP, turn-on, Temp, DC....)
- Detented sealed potentiometers
- Dual or bridge mode operation
- Temperature controlled, back to front cooling fan

The RAM Audio ZETTA Series, is the result of an in depth study, in order to reach the best compromise between economy and performances, taking advantage of latest improvements in automated mixed surface mount and through hole electronic assembly.

ZETTA Series are a project based on an up-side-down mono-block approach offering an all-in-one power module that contains the entire amplifier assembly. Simplicity and effectiveness run hand by hand through the entire design to obtain an effectively skilled and workable product. The last generation QuantaPulse switching power supply allows to reach a new level of refined sensing and control of the power flow.

The cost-effective ZETTA Series amplifiers are packed with solid and convincing arguments for the professionals researching quality, reliability and value!

OUTPUT POWER	Z210	Z215	Z220	Z236	Z420	Z430	Z440	Z460	Z4100
2 Ohm	2x 500 W	2x 750 W	2x 1000 W	2x 1800 W	4x 500 W	4x 750 W	4x 1000 W	4x 1450W	4x 2500 W*
4 Ohm	2x 400 W	2x 700 W	2x 1000 W	2x 1750 W	4x 400 W	4x 700 W	4x 1000 W	4x 1500W	4x 2500 W*
WEIGHT	5kg-11lb	5kg-11lb	6.5kg-14.3lb	6.5kg-14.3lb	6.5kg-14.3lb	6.5kg-14.3lb	6.5kg-14.3lb	8.5kg-18.7lb	8kg-17.6lb
DEPTH	25.4cm-10"	25.4cm-10"	25.4cm-10"	25.4cm-10"	25.4cm-10"	25.4cm-10"	25.4cm-10"	32cm-12.6"	27.4cm-10.8"

* Limited by PMS system with all channels driven



ZETTA Technical Specifications

	Z-210	Z-215	Z-220	Z-236	Z-420	Z-430	Z-440	Z-460	Z-4100
Output Power									
@ 2Ω	2x 500W	2x 750W	2x 1000W	2x 1800W	4x 500W	4x 750W	4x 1000W	4x 1450W	4x 2500W*
@ 4Ω	2x 400W	2x 700W	2x 1000W	2x 1750W	4x 400W	4x 700W	4x 1000W	4x 1500W	4x 2500W*
@ 8Ω	2x 240W	2x 450W	2x 650W	2x 950W	4x 220W	4x 450W	4x 630W	4x1100W	4x 1400W
Bridge @ 4Ω	1000W	1500W	2000W	3600W	2x 1000W	2x 1500W	2x 2000W	2x 2900W	2x 5000W*
Bridge @ 8Ω	800W	1400W	2000W	3500W	2x 800W	2x 1400W	2x 2000W	2x 3000W	2x 5000W*
High Z									
70Vrms/100Vpeak	1x 900W	-	2x 700W	-	2x 900W	-	4x 700W	4x 1500W	-
100Vrms/140Vpeak	-	1x 1400W	-	-	-	2x 1400W	-	4x 800W	-
Frequency Response									
Power Bandwidth ±0.25dB					20Hz-20kHz				
Total Harmonic Distortion									
20Hz-20kHz					<0.05%				
Intermodulation Distortion									
SMPTE					<0.05%				
Damping Factor									
20-500Hz @8Ω					>500				
Crosstalk									
20Hz-1kHz (typical)					>70dB				
Voltage Gain					35dB			26-40dB	26-40dB
Sensitivity									
Rated Power	0.8 V	1.1 V	1.3 V	1.6 V	0.8 V	1.1 V	1.3 V	4.7V-0.9V	5.3V-1.1V
Signal-to-Noise Ratio									
20Hz-20kHz	101dBA	103dBA	104dBA	105dBA	101dBA	103dBA	104dBA	106dB	107.5dBA
Required AC Mains									
Operating Voltage (50Hz-60Hz)					170V-265V AC / 90V-140V AC				
Power On Idling (@230V)	0.5 A	0.5 A	0.5 A	0.5 A	0.5 A	0.5 A	0.5 A	0.5 A	0.5 A
1/8 Rated Power (@4 ohm)	3.5 A	4 A	5 A	10 A	7 A	8 A	10 A	15 A	16 A*
Dimensions									
W x H x D (mm)					483x88.9x254			483x89x320	483x88.9x274
W x H x D (inches)					19x3.5x10			19x3.5x12.6	19x3.5x10.8
Weight									
Net (Kg-Lbs)	5-11	5-11	6.5-14.3	6.5-14.3	6.5-14.3	6.5-14.3	6.5-14.3	8.5-18.7	8-17.6
Protections									
Soft-start, Turn-on/off transients, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, ICL™, PMS™ and SSP™									
*Limited by PMS system with all channels driven									



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