

Technical Specifications

	CB-1402	CB-1902	CB-2602	CB-3902
Output Power				
<i>Continuous Average Power</i>				
<i>RMS, 1kHz, 1.0% THD+N</i>				
@ 2Ω	2x 710 W	2x 960 W	2x 1320 W	2x 1960 W
@ 4Ω	2x 560 W	2x 770 W	2x 940 W	2x 1490 W
@ 8Ω	2x 390 W	2x 480 W	2x 550 W	2x 960 W
Bridge @ 4Ω	1420 W	1920 W	2640 W	3920 W
Bridge @ 8Ω	1120 W	1540 W	1880 W	2980 W
<i>Pink Noise 12dB Crest Factor</i>				
@ 2Ω	2x 1100 W	2x 1650 W	2x 1820 W	2x 3000 W
@ 4Ω	2x 750 W	2x 1050 W	2x 1200 W	2x 2050 W
Frequency Response				
Power Bandwidth ±0.25dB	20Hz-20kHz	20Hz-20kHz	20Hz-20kHz	20Hz-20kHz
Phase Response				
@ 1 watt 20Hz-20kHz	±15 deg	±15 deg	±15 deg	±15 deg
Total Harmonic Distortion				
20Hz-20kHz	<0.1%	<0.1%	<0.1%	<0.1%
Intermodulation Distortion				
SMPTE	<0.05%	<0.05%	<0.05%	<0.05%
Crosstalk				
20Hz-20kHz	>75 dB	>75 dB	>75 dB	>75 dB
Voltage Gain				
	33.1 dB	33.1 dB	33.1 dB	33.1 dB
Sensitivity				
Rated Power @ 4Ω	1 V	1.2 V	1.4 V	1.7 V
Signal-to-Noise Ratio				
A weighted	110 dB	111 dB	113 dB	116 dB
Required AC Mains				
230V-50Hz or 120V-60Hz				
@ 4Ω (1/8 rated power)	3.7 A	4.7 A	5.3 A	7.3 A
Dimensions				
W x H x D (mm)	483x89x450	483x89x450	483x89x450	483x89x450
W x H x D (inches)	19x3.5x17.7	19x3.5x17.7	19x3.5x17.7	19x3.5x17.7
Weight				
Shipping (Kg-Lbs)	18.8-41.5	19.8-43.7	20.8-45.9	23.8-52.5
Net (Kg-Lbs)	18-39.7	19-41.9	20-44.1	23-50.7
Protections				
Soft-start, Turn-on Turn-off transients, Muting at turn-on, Over-heating, DC, RF, Short-circuit (CSP), Open or mismatched loads, Input overload (ICL), CRO				



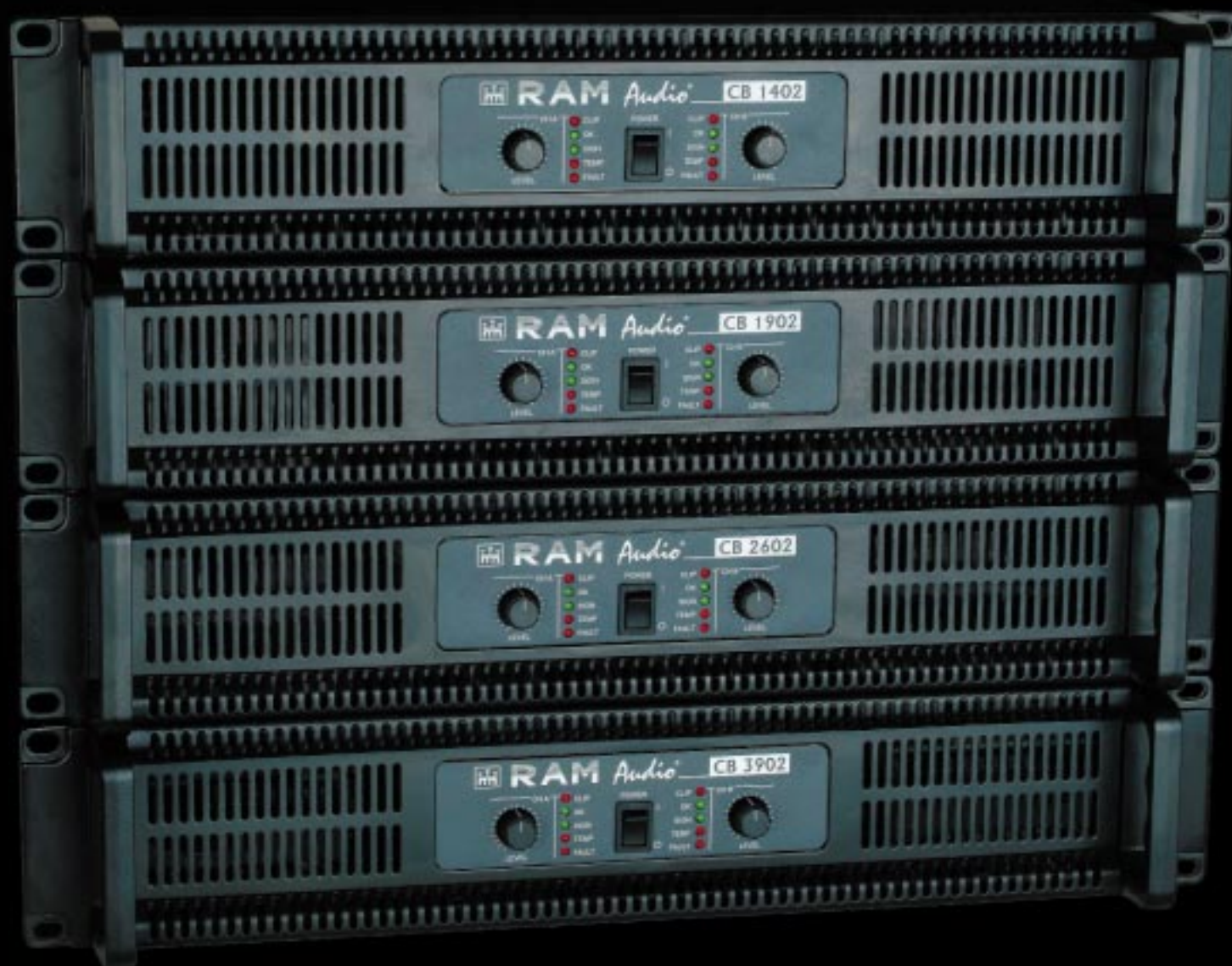
RAM

Audio®

CB Series Rugged Power Amps



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The CB Series is a medium cost ensemble of amplifiers covering the most used power specifications. The four offered models share the well proven RAM Audio topology for ease of servicing.

The latest breakthrough in component assembly and manufacturing processes are present in this new Series.

All the models are equipped with high efficiency toroidal transformers and long life capacitors in a common, sturdy two U steel chassis.

The sum of these specs put them on the front row of cost/effectiveness for all fixed and mobile uses.

Features

- 2U heavy duty steel chassis
- Modular construction for easy servicing
- Symmetrical layout for even weight distribution
- High efficiency toroidal main transformer
- Oversized, high energy, linear power supply
- Dual, parallel or bridged operation
- Twin balanced inputs (Neutrik® XLR connectors)
- Three dedicated Speakon® outputs
- High quality components used throughout
- Dual, continuously variable speed axial fans
- Efficient back to front cooling
- Fault, signal, and clip indicators
- Functional integrated front panel design
- Heavy duty alloy carrying handles



Carrying handle and flight-case ear detail



CB 3902
Class H · 2x 1960 W @20hms · 23 Kg