

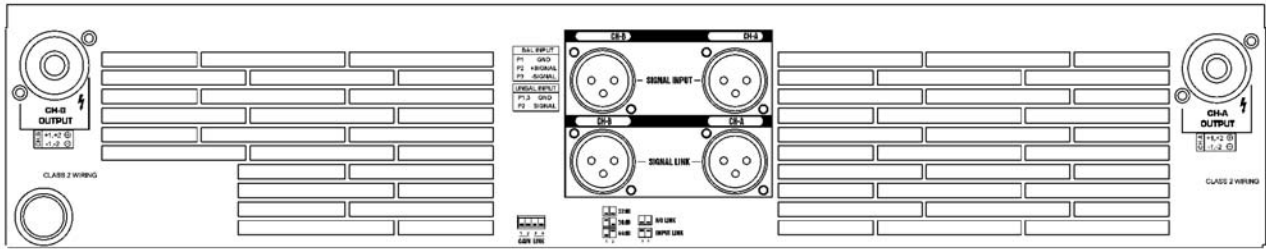
- Dual PFC QuantaPulse™ Regulated SMPS
- Max. Output: 270V / 70A peak
- Dedicated design for powerful subwoofers
- 32/38/44 dB selectable Gain
- RAM Audio Power Management System
- Hi Efficiency, Heavy Duty Audio Power section for extreme use
- Removable front panel dust filters
- Efficient front to back cooling
- Industry standard Neutrik® XLR and Speakon® connectors

The RAM Audio XTR Series has been designed with the aim of offering the proper and more reliable amp to users of very big subwoofers with no concessions. Their output performances (270V/70A) are more than needed to push your subs as far as their maximum limits accept.

These 2 and 4 channels devices are based on the field proven Quanta Pulse™ Technology with an oversized dual high capacity regulated power supply with PFC to deliver their full performances independently of mains status, and an also oversized high efficiency audio power stage, forced front to back cooling through a component-free path with removable front panel dust filters, improved rugged mechanical design with even weight distribution.

In short... with XTR amplifiers you make sure that you will get the maximum output performances to your more powerful subwoofers without compromises!

OUTPUT POWER	XTR-12K	XTR-18K	XTR-12K4
4 Ohm	2x 6000 W	2x 9000 W	4x 2950 W
8 Ohm	2x 3000 W	2x 4500 W	4x 1550 W
WEIGHT	12kg-26.5lb	12kg-26.5lb	12kg-26.5lb
DEPTH	46cm-18.1"	46cm-18.1"	46cm-18.1"



Technical Specifications

	XTR-12K	XTR-18K	XTR-12K4
Output Power (1kHz, 1.0% THD+N)			
@ 4 Ohm	2x 6000 W	2x 9000 W	4x 2950W
@ 8 Ohm	2x 3000 W	2x 4500 W	4x 1550 W
Bridge @ 8W	-	-	2x 5900 W
Frequency Response			
Power Bandwidth ± 0.25 dB		20Hz-20kHz	
Phase Response			
@ 1 watt 20Hz-20kHz	± 15 deg	± 15 deg	± 15 deg
Total Harmonic Distortion			
20Hz-20kHz	<0.05%	<0.05%	<0.05%
Intermodulation Distortion			
SMPTE	<0.05%	<0.05%	<0.05%
Damping Factor			
20-500Hz @ 8 Ohm	>500	>500	>500
Crosstalk			
20Hz-20kHz	>80dB	>80dB	>80dB
Voltage Gain	32/38/44 dB	32/38/44 dB	32/38/44 dB
Sensitivity			
Rated Power (32/38/44dB Gain)	3.9/1.9/1 V	4.7/2.4/1.2 V	2.8/1.4/0.7V
Signal-to-Noise Ratio			
20Hz-20kHz	116dB	118dB	116dB
Required AC Mains			
Operating Voltage (50Hz-60Hz)	90V-265V AC	170V-265V AC	90V-265V AC
Power On Idling (@ 230V)	0.5 A	0.5 A	0.5 A
1/8 Rated Power @ 4 Ohm (@ 230V)	14 A	16 A*	13 A
(*limited by PMS for fuse saver protection)			
Dimensions			
W x H x D (mm)	483x89x460		
W x H x D (inches)	19x3.5x18.1		
Weight			
Net (Kg-Lbs)	12-26.5	12-26.5	12-26.5

Protections

Soft-start, Turn-on Turn-off transients, Muting at turn-on, Over-heating, DC, RF, Short-circuit, Open or mismatched loads, Overloaded power supply, Mains Overvoltage, ICL™, PMS™, SSP™ and FCM™



©2019 by C.E. Studio-2 s.l. Pol.Ind. La Figuera - C/Rosa de Luxemburgo nº34 - 46970 Alaquas - Valencia - SPAIN
 Phone: +34 96 127 30 54 Fax: +34 96 127 30 56 - <http://www.ramaudio.com> - e-mail: info@ramaudio.com

RAM Audio®, PMS™, SSP™, ICL™ and QuantaPulse™ are registered trademarks of C.E. Studio-2 s.l. All other names are trademarks of their respective companies.