

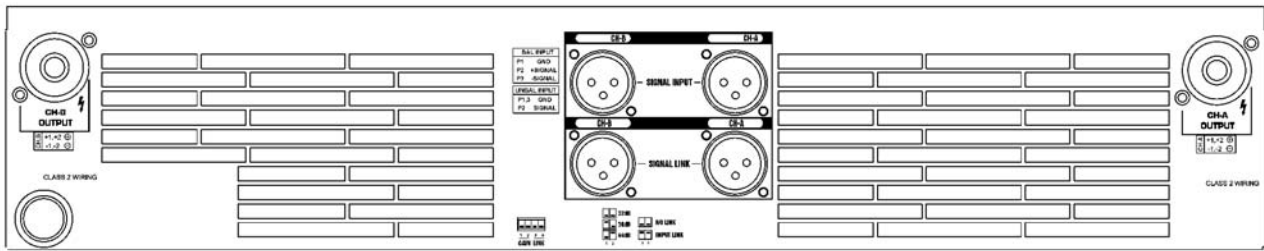
- Dual PFC QuantaPulse™ Regulated SMPS
- Max. Output: 270V / 70A peak
- Dedicated design for powerful subwoofers
- 32/38/44 dB selectable Gain
- RAM Audio Power Management System
- Hi Efficiency, Heavy Duty Audio Power section for extreme use
- Removable front panel dust filters
- Efficient front to 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
<b>WEIGHT</b>	12kg-26.5lb	12kg-26.5lb	12kg-26.5lb
<b>DEPTH</b>	46cm-18.1"	46cm-18.1"	46cm-18.1"



## Technical Specifications

	XTR-12K	XTR-18K	XTR-12K4
<b>Output Power</b> (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
<b>Frequency Response</b>			
Power Bandwidth $\pm 0.25$ dB		20Hz-20kHz	
<b>Total Harmonic Distortion</b>			
20Hz-20kHz	<0.05%	<0.05%	<0.05%
<b>Intermodulation Distortion</b>			
SMPTE	<0.05%	<0.05%	<0.05%
<b>Damping Factor</b>			
20-500Hz @ 8 Ohm	>500	>500	>500
<b>Crosstalk</b>			
20Hz-20kHz (typical)	>70dB	>70dB	>70dB
<b>Voltage Gain</b>	32/38/44 dB	32/38/44 dB	32/38/44 dB
<b>Sensitivity</b>			
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
<b>Signal-to-Noise Ratio</b>			
20Hz-20kHz	116dB	118dB	116dB
<b>Required AC Mains</b>			
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)			
<b>Dimensions</b>			
W x H x D (mm)	483x89x460		
W x H x D (inches)	19x3.5x18.1		
<b>Weight</b>			
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™



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