

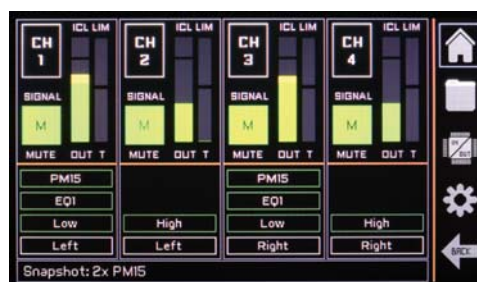


- Extra-large TFT display, capacitive touch panel user interface
- 64 bit double-precision 96kHz DSP process
- High performance 96kHz/24 bits AD/DA converters
- Available versions with Dante™ Networking (AES67) and AES3 Digital inputs
- Two ports Ethernet switch for daisy chain connection
- USB port for firmware update and DSP control
- High voltage output for high headroom performances
- Similar power per channel in any impedance
- Advanced power management to squeeze until the last watt of your speakers
- Exceptional power sharing in asymmetrical loads
- Powerful and fast response cooling system

## DSP management: RAM OCS and amplifier display:

Two general working modes: User and Advanced (manufacturer)

- User functionalities:
  - Input Routing matrix Analog/Dante/AES3
  - Input EQ section with 8 filters and 20 memories
  - Input EQ Use section, predefined by the manufacturer
  - System Preset selection predefined by the manufacturer (Locked/Unlocked)
  - Snapshot library management up to 20 pre-sets
  - Master Control Groups
- Advanced functionalities (manufacturer):
  - Input EQ "Use" section creation, up to 20 pre-sets
  - Ways routing section (Locked/Unlocked)
  - IIR EQ section: XOver, Gain, Delay, and 7 EQ filters
  - FIR EQ section: linear phase XOver and EQ filters, or custom up to 1000 taps
  - RMS and Peak Dynamic control
  - Snapshot library management up to 20 pre-sets (Locked/Unlocked)
  - System Preset library management up to 100 pre-sets
  - 5 Security levels definition to limit final user functionality



OUTPUT POWER	Pi2- 3K	Pi2-5K	Pi4-6K	Pi4-10K
2 ohms	2x 1450 W	2x 2500 W	4x 1450 W	4x 2500 W
4 ohms	2x 1500 W	2x 2500 W	4x 1500 W	4x 2500 W
8 ohms	2x 1100 W	2x 1600 W	4x 1100 W	4x 1600 W
Hi-Z 70V	2x 1500 W	2x 2500 W	4x 1500 W	4x 2500 W
Hi-Z 100V	2x 800 W	2x 2500 W	4x 800W	4x 2500 W

## DSP Specifications - RAM\_OCS Control

### Overall:

- High performance 96kHz/24 bits AD/DA converters
- 64 bit double-precision 96kHz DSP process
- 0.85 ms minimum process latency time
- Custom FIR process up to 1000 taps
- Dante and AES3 input versions

### Input Section (x4):

- Gain, Mute and Phase inversion
- Input Delay: Up to 114 meters (333ms)
- Input EQ: 16 filters (Param., Shelving, LP, HP, BP, SB, AP)

### Output Section (x4):

- Crossover Filters: FIR and IIR (up to 48dB/oct, Butterw./LR/Bessel)
- Output Delay: 0 to 31 meters (90ms) per channel
- Output IIR EQ: 12 filters per channel (Param., Shel, LP, HP, BP, SB, AP)

- Output FIR EQ: 20 filters per channel (Parametric, Shelving, LP, HP, BP, SB, AP), or Custom. Up to 1000 taps
- RMS and Peak limiter per channel

### Communications:

- Two ports Ethernet switch for daisy chain connection
- USB 2.0 Type B port

### Miscellaneous:

- 100 Manufacturer system preset memories library
- 20 User preset memories library
- 20 User snapshot memories library
- Manufacturer/User passwords
- User control groups for virtual Equalization, Gain and Delay
- Zones definition for library management and alerts information
- Smaart® analysis software integration

## Amplifier Specifications

	Pi2-3K	Pi2-5K	Pi4-6K	Pi4-10K
<b>Number of channels</b>	2	2	4	4
<b>Total output power</b>	3000 W	5000 W	6000 W	10000 W
<b>Output Power*</b> (All ch.'s driven/single channel)				
2 ohms	2x 1450 W <sup>2</sup> 1x 1450 W <sup>2</sup>	2x 2500 W <sup>2</sup> 1x 2500 W <sup>2</sup>	4x 1450 W <sup>2</sup> 1x 1450 W <sup>2</sup>	4x 2500 W <sup>2</sup> 1x 2500 W <sup>2</sup>
4 ohms	2x 1500 W 1x 1750 W	2x 2500 W 1x 2800 W	4x 1500 W 1x 1900 W	4x 2500 W <sup>1</sup> 1x 3000 W
8 ohms	2x 1100 W 1x 1150 W	2x 1600 W 1x 1700 W	4x 1100 W 1x 1200 W	4x 1600 W 1x 1800 W
4 ohms Bridged	2900 W <sup>2</sup>	5000 W <sup>2</sup>	2x 2900 W <sup>2</sup>	2x 5000 W <sup>2</sup>
8 ohms Bridged	3000 W	5000 W	2x 3000 W	2x 5000 W <sup>1</sup>
Hi-Z 70V	2x 1500 W	2x 2500 W <sup>2</sup>	4x 1500 W	4x 2500 W <sup>2</sup>
Hi-Z 100V	2x 800 W	2x 2500 W	4x 800 W	4x 2500 W <sup>1</sup>
<b>Max output voltage</b>	144 V <sub>peak</sub>	176 V <sub>peak</sub>	144 V <sub>peak</sub>	176 V <sub>peak</sub>
<b>Max output current</b>	38 A <sub>peak</sub>	50 A <sub>peak</sub>	38 A <sub>peak</sub>	50 A <sub>peak</sub>
<b>Total Harmonic Distortion</b>	<0.05%			
<b>Voltage Gain</b>	26dB to 44dB (1dB step)			
<b>SNR</b>	106 dBA	107.5 dBA	106 dBA	107.5 dBA
<b>Required AC Mains</b>				
Operating Voltage (50Hz-60Hz)	170V-265V AC / 90V-140V AC			
1/8 Rated Power (@230V, 4 ohms)	7 A	8 A	15 A	16 A
<b>Dimensions</b> W x H x D (mm)	483x89x320			
<b>Weight</b> Net (kg-Lbs)	6-13.2	8.5-18.7	8.5-18.7	8.5-18.7

**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, ICL™, PMS™, and SSP™

\* IEC filtered pink noise signal (40Hz-5kHz, 12dB crest factor). 230V AC mains.

<sup>1</sup> PMS can limit output to prevent excessive current draw tripping the mains breaker.

<sup>2</sup> SSP can limit output to prevent excessive heating.

**Dante™**  
**AES67**



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Phone: +34 96 127 30 54 - ramaudio.com - e-mail: info@ramaudio.com

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