

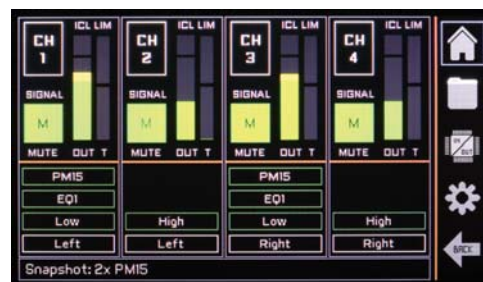


- Extra-large TFT display, capacitive touch panel user interface
- 64 bit double-precision 96kHz DSP process
- High performance 96kHz/24 bits AD/DA converters
- Available versions with Dante™ Networking (AES67) and AES3 Digital inputs
- Two ports Ethernet switch for daisy chain connection
- USB port 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><br>1x 1450 W <sup>2</sup> | 2x 2500 W <sup>2</sup><br>1x 2500 W <sup>2</sup> | 4x 1450 W <sup>2</sup><br>1x 1450 W <sup>2</sup> | 4x 2500 W <sup>2</sup><br>1x 2500 W <sup>2</sup> |
| 4 ohms   | 2x 1500 W<br>1x 1750 W                           | 2x 2500 W<br>1x 2800 W                           | 4x 1500 W<br>1x 1900 W                           | 4x 2500 W <sup>1</sup><br>1x 3000 W              |
| 8 ohms   | 2x 1100 W<br>1x 1150 W                           | 2x 1600 W<br>1x 1700 W                           | 4x 1100 W<br>1x 1200 W                           | 4x 1600 W<br>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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