

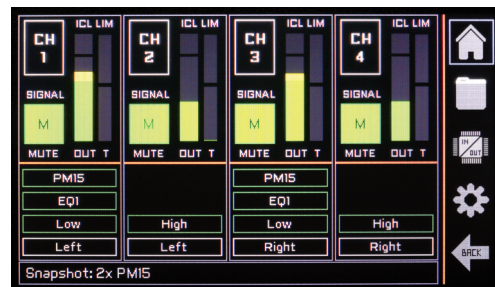


- Extra-large TFT display, capacitive touch panel user interface
- 64 bit double-precision 96kHz DSP process
- High performance 96kHz/24 bits AD/DA converters
- Available versions with AES67, Dante™ and AES3 Digital inputs
- Two ports Ethernet switch for daisy chain connection
- USB port for firmware 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
- AES67, Dante and AES3 input versions

### Input Section (x4):

- Gain, Mute and Phase inversion
- Delay: in In A: 333ms (114m), In B/C/D: 90ms (31m)
- 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
- Smart® 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 ohm	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 ohm	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 ohm	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 ohm Bridged	2900 W <sup>2</sup>	5000 W <sup>2</sup>	2x 2900 W <sup>2</sup>	2x 5000 W <sup>2</sup>
8 ohm 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>Crosstalk</b> (20Hz-1kHz), typical	>70dB			
<b>Voltage Gain</b>	26dB to 44dB (1dB step)			
<b>SNR</b>	106 dBA	107.5 dBA	106 dBA	107.5 dBA
<b>Nominal Mains Voltage</b>	185V-240V AC, 50Hz / 100V-125V AC, 60 Hz			
<b>Consumption</b>				
230 V AC - 1/8 rated power (4 ohm)	7 A / 1130 W	8 A / 1290 W	15 A / 2420 W	16 A / 2580 W
120 V AC - 1/8 rated power (4 ohm)	13.6 A / 2071 W	15.9 A / 2409 W	29.2 A / 4438 W	30.7 A / 4666 W
Idle	0.8 A / 90 W			
<b>Dimensions</b> W x H x D	483x89x330 mm - 19x3.5x13 in			
<b>Weight</b> Net	6 kg / 13.2 lb	8.5 kg / 18.7 lb	8.5 kg / 18.7 lb	8.5 kg / 18.7 lb
<b>Protections:</b> 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)

<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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