

SPECIFICATIONS

AMPLIFIER OUTPUT

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|---|--|
| Power Amplifier Output (at rated 230/115V supply voltage) | 105W per channel into 8Ω 127W per channel into 6Ω 162W per channel into 4Ω |
|---|--|

Note: Continued high level use into loads of 6Ω or less may cause the case to exceed 40°C above ambient temperature and activate the thermal shut down.

| | | |
|------------------|------------------|-------|
| Headphone Output | No Load | 11.5V |
| | 300Ω | 8.1V |
| | 54Ω | 3.6V |
| | 32Ω | 2.4V |
| | Source Impedance | 109Ω |

DISTORTION

THD+Noise (at 1dB below clip into 8Ω measurement bandwidth 22Hz to 22kHz)

| | |
|--------------------------------|--------------------------|
| Direct Input (Power Amplifier) | Typically 0.005% at 1kHz |
| Line Inputs | Typically 0.007% at 1kHz |
| Preamplifier Output | Typically 0.004% at 1kHz |

FREQUENCY RESPONSE

Bandwidth (at 80W into 8Ω)

| | |
|---------------|-----------------------------------|
| Direct Input | 12Hz (0.5dB) to 95kHz (-3dB) |
| Line Inputs | 10Hz (-1dB) to 85kHz (-3dB) |
| Phono Input | 15Hz (-3dB) to 85kHz (-3dB) |
| RIAA Accuracy | Better than ±0.5dB 100Hz to 20kHz |

SENSITIVITY

Input Sensitivity (for 105W into 8Ω)

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|----------------------------|-------------------------------------|
| Line Inputs 2-5 and Record | 196mV load 10k |
| Phono | 2mV load 47k in parallel with 220pF |
| Direct Input | 760mV load 50k |
| Power Amplifier Gain | 31.6dB |

Output Sensitivity (at rated inputs)

| | |
|----------------------|-------|
| Record Output | 196mV |
| Pre-amplifier output | 760mV |

DIGITAL INPUTS

| | |
|--------------------------------------|---------------------------------------|
| Input D1 | S/PDIF Isolated 0.5V 75Ω Co-axial |
| Input D2 | S/PDIF Optical Toslink |
| Supported Sampling Rates | 32, 44.1, 48, 88.2, 96, 176.4, 192kHz |
| Supported Bit Depths | 16 to 24 bit |
| THD+Noise (DAC Output from Tape Out) | Typically 0.004% at 1kHz |

DIMENSIONS AND WEIGHT

| | |
|--------------------|---------------------------------------|
| Dimensions (WxHxD) | 432 x 82 x 340mm (17 x 3.25 x 13.4in) |
| Net Weight | 12.5kg (27.5lbs) |
| Packed Weight | 14kg (30.9lbs) |

POWER

| | |
|-------------------|---|
| Power Supply | AC supply 230V / 220V / 115V / 100V nominal ±10% |
| Power Consumption | 375W at 1dB below clip into 8Ω |
| Fuse Ratings | T4 AL 250V - 230V 50Hz / 220V 60Hz T8 AL 250V - 115V 60Hz / 100V 50/60Hz |
| Remote Batteries | AAA (1.5V) x 2 |