



M2si INTEGRATED AMPLIFIER

Affordable and puristic audiophile integrated amplifier
Solely designed for maximum musical fidelity

M2si In Brief

Amplifier

- High-end circuitry inspired by TITAN
- Fully discrete transistor based Class A/B power amp design
- Drives power hungry speakers with ease and gracefully manages low impedance dips
- 72W/8 Ohm & 137W/4 Ohm output power
- Extreme power reserves for proper peak power delivery and wide dynamic range
- Pure sound quality instead of features
 - No digital circuitry: no digital high-frequency modules built in
 - No phono stage: huge transformer and power amp circuitry will not interfere with low level phono signals
- HT-input: bypassed preamp-stage allows connecting home-theater processors to use your M2si as ultimate L/R channel amp

Preamplifier

- Low noise design for best THD and signal

integrity at low as well as high levels

- High quality Burr-Brown stepped attenuator for better channel matching than conventional potentiometer designs
- Pre Out for bi-amping with M6sPRX or active subwoofer connection

Power Supply

- Generously rated 280VA toroidal transformer
- Independent power supplies for preamp and poweramp
- Output devices, and power supply generously rated to provide peaks even into difficult to drive speakers

Mechanical Construction

- Uncompromising metal work in typical Musical Fidelity tradition
- Heavy front panel milled from extruded aluminium profiles
- Clean, stunning and indestructable metal exterior protects against electromagnetic interference

MUSICAL FIDELITY



The M2si integrated amplifier takes our premium-amp technology and applies it to a more affordable price point. Drawing upon the design philosophy and insights gleaned from our mighty TITAN flagship, along with the inclusion of high-end elements such as the robust metal controls, extruded aluminum front panel, and a chassis crafted entirely from metal, the M2si occupies an enviable position for discerning audiophiles seeking an unadulterated high-end amplifier.

Fully Discrete Power Amplifier

The M2si delivers 72 watts per channel into 8 ohms and 137 watts into 4 ohms. This means the M2si will drive a wide range of speakers, even power-hungry models. The fully discrete power amp, complemented by its dedicated power supply and generously proportioned toroidal transformer, guarantees reserves for proper peak delivery and a wide dynamic range. Power hungry and difficult speakers are driven with ease. Low impedance dips are managed gracefully and the judiciously rated output devices won't falter under any load.

Precision Matched Preamp and PRE/POWER Configuration

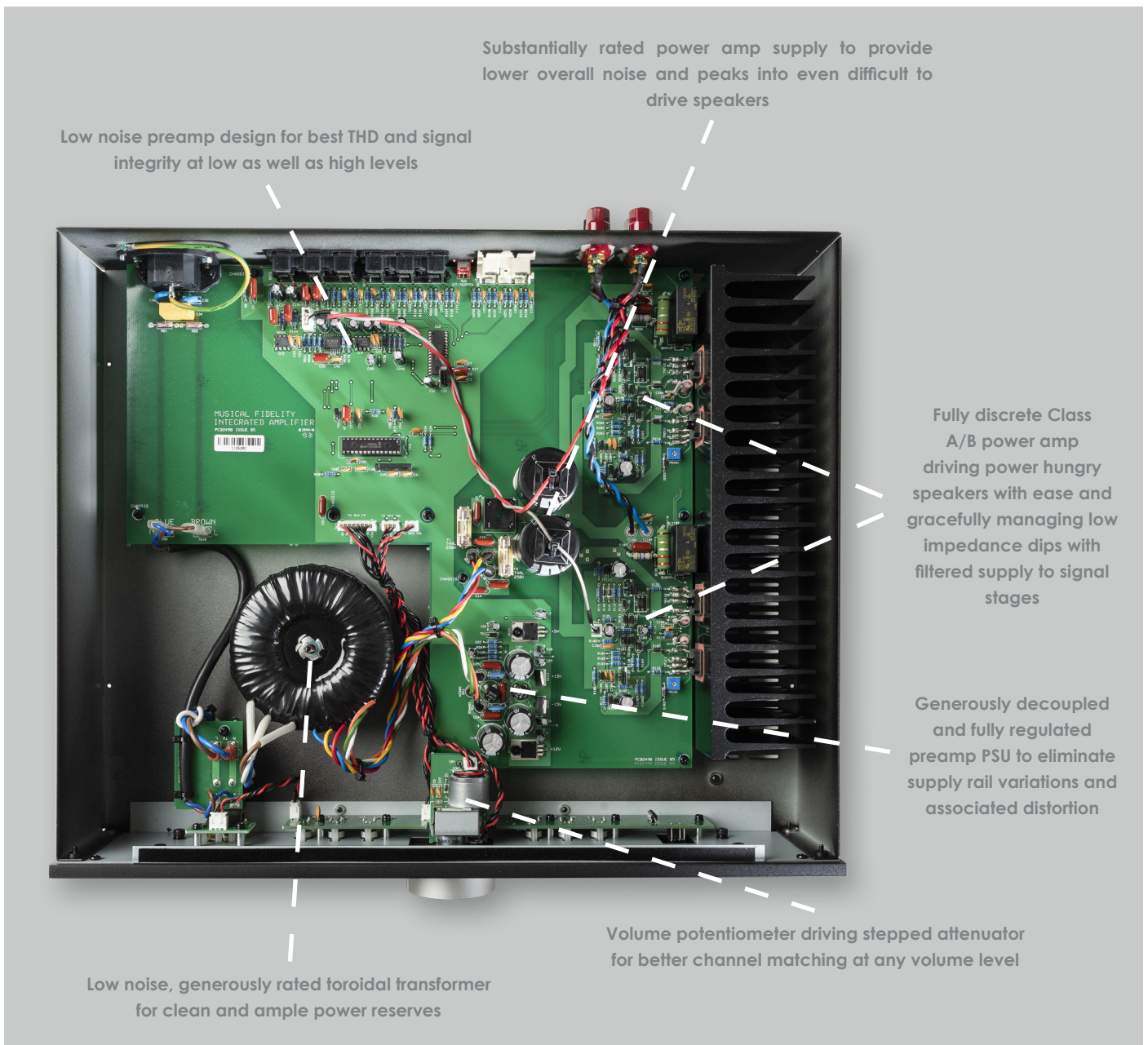
The low noise preamp has its own, independent power supply. In effect, this means the M2si offers the performance benefits of a pre/power configuration with the compact convenience of a one-box design. For best low channel volume matching we employ a high quality Burr-Brown stepped attenuator delivering performance way above that of conventional potentiometer designs.

The Musical Fidelity Design-Philosophy

Further flexibility is provided by the M2si's carefully considered connectivity, which includes six line-level inputs and switchable home-theatre throughput. We have purposefully decided against a phono input or any digital high-frequency and DAC circuitry. The M2si remains committed to unadulterated sound quality over extraneous features. The introduction of digital high-frequency modules would be at odds with the nuanced performance of the analogue pre and power amplifiers, and the substantial transformer and power amp circuitry could introduce interference to delicate phono signals.

Redefining The Amplifier

With the M2si, our aim was to distill the expertise and design principles honed through our high-end amplifiers, creating an unbeatable package in this price point. Rather than burdening the analog amplifier's performance with superfluous features, we opted for a puristic and audiophile-oriented amplifier design that would elicit envy from owners of more costly, feature-loaded integrated amplifiers. With a true Musical Fidelity amplifier, you receive precisely what you desire. An affordable and puristic audiophile integrated amplifier for a lifetime, solely designed for the maximum of musical fidelity.





M2si INTEGRATED AMPLIFIER

SPECIFICATION

Output:

- Power: 72 Watts per channel into 8 Ohms; 137W into 4 ohms; 242W peaks into 2 ohms
- Voltage 22 Volts RMS, 20Hz to 20 kHz; onset of clipping
- 62 Volts peak to peak
- Current 25 Amps peak to peak
- Damping factor 36
- Output devices 1 pair per channel

Line input

- THD+N < 0.014 % typical, 20Hz to 20 kHz
- Signal / noise ratio > 96dB 'A'-weighted
- Input impedance 40 k Ohms
- Frequency response +0, -0.1dB, 10Hz to 20 kHz

Connections

- Line level inputs 6 pairs line level RCA connectors
- Line level outputs 1 pair line level RCA connectors, constant level TAPE outputs

- 1 pair line level RCA connectors, preamp outputs for e.g. bi-amping
- Speaker outputs 2 pairs 4mm banana plug/ binding posts

Power requirement

- Mains voltages 115/230VAC 50/60Hz (factory pre-set)
- 100VAC 50/60Hz (alternative)
- Consumption 320 Watts maximum

Weight

- Unit only, unboxed 9.2 kg
- In shipping carton 13 kg

Dimensions

- Wide 440 mm
- High, including feet 100 mm
- Deep (front to back) including terminals 400 mm