

the mid-band. In comparison, the AMS35i has virtually identical distortion at 20Hz, 1k, 10k and 20k. Its noise ratio is excellent. Linearity and load driving ability is excellent. The AMS35i can deliver its performance to the loudspeakers.

Sound quality.

When the AMS35i is partnered with appropriate loudspeakers, the sound quality is exceptional. The AMS35i sound is completely neutral, but with a richness in the bass and midrange that makes them remarkable. We want to stress that we have not tried to engineer a synthetic 'pure Class A sound'. The sound is wholly the result of the amplifier being pure Class A.

Though the AMS35i sounds lush in comparison with other amplifiers it is, in our opinion, completely neutral. The truth is that the other amplifiers are coloured. Or it might be more accurate to say that other amplifiers 'bleach out' the fundamentals of the music because of their circuit design and their overall topology.

The AMS35i presents the heart of the music with authority and control. Its transient performance is excellent: fast, deep and quick. Just as with its bigger brother, the AMS50, it is not just the speed of attack that counts with the AMS35i, it is the complete lack of overhang after the transient.

These qualities, unique to pure Class A, result in a listening experience that transcends the ordinary to achieve a kind of musical magic.

Design and build quality.

We have spared no expense or effort to make the AMS35i beautiful, understated and as well-built as possible. The front panel is machined from solid, milspec aluminium billet, with an exclusive titanium G2 finish, in silver or black. The badge is made from medical grade stainless steel. The top and back are machined from solid and finished to high standard. The heatsinks are custom made to our specification for maximum efficiency.

In both its appearance and its build quality, we have tried our best to make the AMS35i timeless and enduring - beautiful to hear and fulfilling to own.



AMS35i

Pure Class A, Dual Mono Integrated Amplifier by Musical Fidelity Specifications

Output

Power 35 Watts per channel into 8 Ohms (15.5dBW).
Voltage 17 Volts RMS 20 Hz to 20kHz.
Voltage peak-to-peak 47 Volts.
Current peak-to-peak 20 Amps.
Damping factor 130.
Output devices Four per channel.

Balanced line input

THD + N <0.014% unweighted, 20Hz to 20kHz.
Signal to noise ratio >96dB 'A' weighted.
Input impedance 40k Ohms.
Frequency response 10Hz to 50kHz, +0, -0.1dB.

Connections

Line level inputs One pair line level XLR (balanced) connectors. Four pairs line level RCA connectors.
Line level outputs One pair line level RCA connectors, constant level TAPE outputs. One pair line level RCA connectors, preamp outputs for e.g. bi-amping.
Speaker outputs Two pairs, 4 mm banana plug/binding posts.

Power requirement

Mains voltages 115/230VAC, 50/60Hz (factory pre-set). 100VAC 50/60Hz (alternative).
Consumption 330 Watts continuous.

Front panel finish

Titanium G2 silver with silver badge.
Titanium G2 black with silver badge.

Weight and dimensions

Unit only, unboxed 28.3 kg (62½ lbs).
In shipping carton 33 kg (72½ lbs).
Height including feet 148 mm (5⅞").
Width 483 mm (19").
Depth, terminals included 475 mm (18¾").

Standard accessories

IEC type mains led (10-Amp type).
AMS35i remote control. VARTA Lithium Li-Mn button type battery, CR2450.

Musical Fidelity reserves the right to make improvements which may result in feature or specification changes without notice.

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AMS35i

Pure Class A, Dual Mono Integrated Amplifier by Musical Fidelity



**Pure Class A.
Dual mono.
High current.
Total system linearity.**

The AMS35i pure Class A, dual mono integrated amp is the culmination of our quest to make ultimate integrated amplifiers. Almost 20 years ago, the Musical Fidelity A1000 was the first 'super' integrated amplifier in the world. At the time, it was considered expensive as it was 'only' 50 watts Class A, but music lovers and reviewers fell in love with it. Even today, 20 years later, mint condition A1000s command almost their original retail price on the second-hand market, demonstrating the enduring value of the design ideas, the aesthetic language and the sound quality of the A1000.

The AMS35i pure Class A integrated amplifier is the spiritual descendant of the original A1000.

With the AMS35i, we have pulled together all the strands of our R & D knowledge and experience to create an exquisite sounding integrated amp that delivers deep musical satisfaction.

The pure Class A amplifier sections are dual mono, each with its own, separate transformer. The preamp also has separate power supplies with separate windings on the transformer. In effect, the AMS35i is a separate preamp with dual mono, pure Class A power amps. They just happen to all be in the same beautiful box.



AMS35i Pure Class A, Dual Mono Integrated Amplifier by Musical Fidelity

A circuit with a remarkable heritage.

The AMS35i power amp circuit is a direct descendant of the Titan and AMS50 circuit designs and is very closely related to them. It has very low distortion, extremely low noise, wide bandwidth, great stability margins and excellent load driving abilities.

Pure Class A, so it runs hot.

The AMS35i is genuinely 8 Ohms pure Class A. Many amplifiers claim to be

Class A (but not *pure* Class A), when, in fact, they are little more than Class AB amplifiers that are running reasonably warm.

The AMS35i is different - it is authentic, pure Class A. Because it is running such a high standing current, as you must for pure Class A, it generates a great deal of heat. This heat is dissipated from the huge heatsinks, which have a temperature rise of about 35°C. Any amplifier which claims to be pure Class A, with a similar sort of power rating as the AMS35i, but without the same sort of temperature rise, is not pure Class A.

The unique sound of Class A.

There is no question that the sound of pure Class A is unique. It has an immediate 'you are there' quality, with an effortless, smooth top end and a wonderful, full low end. This full low end is not colouration or distortion, it is the sound of pure Class A, which other types of amplifiers struggle, in vain, to achieve.

Musical Fidelity is committed to a goal of purity and accuracy of musical reproduction. That is why the company exists. We continually research and probe the limits of every conceivable circuit design to achieve our passion of recreating music in the home listening room. The AMS35i is the culmination of nearly 30 years of research into how to make amplifiers that deliver a moving, exciting and involving musical performance.

Technical overview.

The AMS35i's circuit is closely related to the AMS50 and Titan power amps. They all embody our conviction that ultimate musicality is bestowed only by pure Class A.

The AMS35i's technical performance is remarkably consistent. Every amplifier ever made has much higher distortion at high frequencies than in

