

experience. The CD player delivers everything from the disc to the amplifier. The amplifier, with its high power, is almost impossible to overload and almost never clips. It can drive any loudspeaker with ease. The result is a completely neutral presentation, as recorded and as its producer intended. We believe that's what hi-fi is for. To hear the music, the whole of the music and nothing but the music.

Putting on our audiophile hat for a moment, the bottom end is very deep, tight and fast. There is a complete absence of waffle or bass overhang. The M6i simply delivers bottom end clean and tight, just as it should be. The top end is neutral and there is no artificial sparkle or sheen. Excellent transients are a given with the M6i because it has such high power and excellent load driving ability. In short, the sonic presentation is pure and neutral. In addition, the M6i projects a really nice big soundstage with excellent imaging and placement.

Design and build quality.

Both the M6i and M6 CD-DAC offer exceptional technical and sonic performance. Housed in elegant casework and built of high quality materials, designed for lasting value, they are a pleasure to hear and a pleasure to own.



M6i Integrated Amplifier and M6 CD-DAC Specifications

M6i

Output

Power 200 wpc into 8 Ohms (23dBW).

Voltage 45 Volts RMS, 20 Hz to 20kHz, onset of clipping. 126 Volts peak-to-peak.

Current peak-to-peak 45 Amps.

Damping factor 170.

Output devices Two pairs per channel.

Line input

THD+N <0.01% typical, 20Hz to 20kHz.

Signal/noise ratio >100dB 'A' weighted.

Input impedance 38k Ohms.

Frequency response +0, -0.1dB, 10Hz to 20kHz.

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. biamping.

USB input USB type 'B' (square) socket.

Speaker outputs Two pairs 4mm banana plug/binding posts.

Power requirement

Mains voltages 115/230VAC 50/60 Hz (factory pre-set). 100VAC 50/60 Hz (alternative).

Consumption 680 Watts maximum.

Weight & Dimensions

Unit only, unboxed 16.6 kg (36½ lbs).

In shipping carton 21.3 kg (47 lbs).

Width 440 mm (17½"). **Height, including feet** 125 mm (5"). **Depth (front to back) including terminals** 400 mm (15¾").

Standard accessories

IEC type mains lead (10 Amp type). M6 remote control. Batteries, two LR03 or AAA, manganese alkaline type.

M6CD-DAC

Output

Output impedance 50 Ohms balanced or single ended.

Output, digital 0dB level XLR output: 4.4V rms balanced nominal. RCA output:

2.2V RMS single ended nominal.

DAC (Balanced & single-ended outputs)

DAC circuit 24 bit Delta-Sigma (bit stream) dual differential 8x over-sampling.

Total correlated jitter <135 picoseconds peak to peak.

Linearity <0.1dB down to -96dB.

Frequency response 10Hz to 20kHz, -0.2dB max.

Channel separation >105dB 20Hz to 20kHz.

Signal-to-noise ratio >117dB 'A' weighted.

Total harmonic distortion <0.003% 10Hz to 20kHz.

Connections

Line level outputs One pair line level RCA connectors, left and right outputs. One pair line level XLR connectors, left and right outputs.

Digital outputs One RCA coaxial connector SPDIF. One TOSLINK optical connector.

Digital inputs One RCA coaxial connector SPDIF. One TOSLINK optical connector.

USB input USB type 'B' (square) socket.

Power requirement

Mains voltages 115/230VAC 50/60Hz (factory pre-set). 100VAC 50/60Hz (alternative).

Consumption 20 Watts maximum.

Weight & Dimensions

Unit only, unboxed 11.2kg (24¾ lbs).

In shipping carton 15.5kg (34 lbs).

Width 440mm (17½"). **Height including feet** 125mm (5"). **Depth (front to back) including terminals** 385mm (15⅝").

Standard accessories

IEC type mains lead (10 Amp type). M6 remote control. Batteries, two LR03 or AAA, manganese alkaline type.

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

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M6 Series M6i Integrated Amplifier and M6 CD-DAC Compact Disc Player & Digital-to-Analog Converter by Musical Fidelity



**Hear the music.
All the music.
And nothing but the music.**

The M6i 200wpc Integrated Amplifier and the M6 CD-DAC are designed to be the heart of a sensibly priced, very high quality music system.

As with other products in the M6 Series, the M6i Integrated and M6 CD-DAC offer outstanding technical and sonic performance. The sonic differences between the M6 Series and conventional, very expensive high end components are small indeed. When you match the M6s with carefully chosen, high quality loudspeakers, it is easy to attain high quality sound that raises the question whether you would ever need anything better. That's the idea behind the M6 series – the thinking man's audio.

M6 CD-DAC for maximum data retrieval.

The M6 CD-DAC is the fruit of Musical Fidelity's long experience of making top quality digital components. At the dawn of DACs, Musical Fidelity was the first with its Digilog digital-to-analog decoder, and since then we have continued to make top notch digital products.

The M6 CD-DAC is a perfect illustration. It uses selected CD mechanisms for maximum data retrieval, and the data is fed to a very high quality 24-bit 192K true upsampling DAC.

The technical performance of the M6 CD-DAC is excellent. Distortion is very low at 0.0005%, outstanding linearity is maintained down to very low levels, signal to noise ratio is exceptional and frequency response is ruler flat. The jitter is extremely low. In every technical parameter, the DAC at the heart of the M6 CD-DAC performs to the technical limits of digital electronics.

We passionately believe that the performance of CDs and DACs is dictated by their technical performance. (If the technical performance isn't up to much, then you can hardly expect great sonic performance.) The great technical performance of the M6 CD-DAC is the basis and starting point for our quest to create the highest quality subjective performance.

The M6 CD-DAC can form the core of a digitally based system. It has three



switchable inputs for coax, optical and USB, so that all your digital sources can perform at virtually the same level as your CD player. We have long dreamt of making it possible to achieve this level of performance for all digital sources, and with the M6 CD-DAC it is now a reality.

The M6 CD-DAC has single ended and, for the connoisseur, fully balanced outputs. The output stage is extra robust. It can easily drive any amplifier or length of cable.

M6i integrated: high power, neutrality and load-driving ease.

The M6i integrated amplifier has 200watts per channel. Into 4 ohms it delivers an easy 400 watts and into 2 ohms it gives 800 watt peaks.

Internally, the M6i integrated is configured as two monobloc power amps and a separate preamp, each with their own transformer windings and power supply. Although the M6i is presented as a sleek single package, it is in fact a separate preamp with two high powered monobloc power amps.

The M6i will drive any loudspeaker with ease. It has high power, high current delivery, low distortion, wide bandwidth and excellent signal to noise ratio. We believe that before subjective matters can be dealt with, real life technical performance must be sorted. By this we don't just mean power, distortion, noise ratio and so forth, though these must be right. We also mean the ability to drive a huge range of loudspeakers easily – and the M6i achieves this with room to spare.

Thanks to its high power and excellent technical performance, its practical ability to drive loudspeakers is outstanding. The M6i will please both music lovers and hi-fi connoisseurs (and those who combine both passions.) The M6i may well have you asking yourself, 'Is there any real reason to upgrade from this?'

As you might expect, the M6i can easily stand comparison with high end components at many times the price. With its excellent build quality, elegant design and modestly-sized casework, the M6i is a beguiling package. Don't be fooled by its relatively modest size, though. The M6i is a really big boy.

It is also flexible, with a wide range of inputs, having balanced, USB (digital) and four line inputs, one of them with an alternate home theatre bypass option.

Subjective impressions of the M6i integrated amp and M6 CD-DAC.

When paired with high quality speakers and very low resistance cable (so that the amplifier can deliver its full driving effect to the loudspeaker), the first listening impression is of the absence of anything. We mean this in a positive way: when you listen to the music, you realise that there is nothing intruding on the

