

MUSICAL FIDELITY



M6x 250.11

11 channel class A/B power amplifier

Dive into the scene

You buy CDs or stream music without a picture, but have you ever watched a movie without sound?

The sound of a movie is a significant part to deliver emotions and tell stories. Silence is as important as loud and engaging scenes. Sound designers use sound effects, foleys and music for sure to enhance your experience. A soundbar can never reproduce a real cinema feeling. The M6x 250.11 will take your home cinema to the next level.

The full cinema experience

For many people, the cinema is just a place with a big screen and expensive snacks - but there is more, which is usually not visible at all: The surround-sound-system.

It all started with a simple three speaker setup in the 1980s and evolved to object based systems with up to 20 speakers.

With the M6x 250.11 you can easily create a Dolby Atmos home cinema setup. (subwoofer powered separately)

You can connect your pre-amplifier/AV processor with either RCA or fully balanced XLR cables. The XLR connection furthermore enhances the sound quality and keeps the signal transmission clean.

The Musical Fidelity M6x 250.11 will not only satisfy you with its sound quality, but also with the high quality metalwork and overall clean look. The front panel in either black, or silver finish, is a custom-made fine line aluminium extrusion.

Connection

The new M6x 250.11 offers one gold-plated RCA and one balanced XLR input per channel.

If you have XLR outputs on your preamp, we always recommend using a balanced connection. This kind of signal transmission leads to increased dynamics, less noise and improved signal-to-noise ratios.

The gold-plated isolated speaker output terminals accept 4 mm Banana plugs, spades connectors or naked wire.

The trigger in-/output allows you to turn the device on/off via other components.



Power

Our new multichannel amplifier is built modular with one 250W class A/B amplifier stage per channel for the main channels (C, RF, LF) and 150W per effect channel. We designed our amplifier to sound highly natural by keeping all transients and micro information.

The super silent audiophile power transformer distributes clean power, which results in a high dynamic range and a detailed sound stage. This is a major feature for a home cinema amplifier. The M6x 250.11 is able to preserve all the details and emotion, no matter which volume.

Due to the sophisticated heat sink design, the M6x 250.11 does not need a fan to keep the amplifier cool. Despite its big power, you will never hear any fan noise coming from the amp.





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SPECIFICATION

Output Main (C, LF, RF):

- Power: 3x 250W/4 ohms (Peak: 400W)
- THD+N: 0,003% at 100W power output
- Frequency Response: 20Hz - 20kHz for 0,5dB
- SNR: 105dB at 1kHz at 200W power output

Output Effect Channels:

- Power: 8x 150W/4 ohms (Peak: 250W)
- THD+N: 0,07% at 100W power output
- Frequency Response: 20Hz - 20kHz for 0,5dB
- SNR: 103dB at 1kHz at 200W power output

Connections

- 11x line level RCA input
- 11x line level balanced XLR input
- 11x pair speaker terminals
- 1x Trigger input & output

Input Sensitivity:

- 700mV at RCA input, 1,4V at XLR input

General Information

- Dimensions (WxHxD): 435 x 205 x 430mm
- Main voltages: 230V/115V Internally set or 100V optional AC 50/60Hz
- Max. Consumption: 2750W, <0.5W in standby
- Weight: 35,5kg (ca. 39kg incl. shipping carton)