

# marantz®

## POWER AMPLIFIER

### MA6100



Black available

### MA6100 Monaural power amplifier

The THX Ultra certified MA6100's compact size, 125 watts (into 8 ohms) power output and operational features make it ideally suited to ultra-performance home theater and stereo systems, custom installation applications, or for adding more amplifier channels to an existing system.

**125wX 1ch**



because music matters

R A N G E S E R I E S

## Features:

- THX Ultra certified
- Output power 1 x 125 Watts
- BTL switch mode
- Video triggered power
- D.Bus

## Benefits:

- The highest quality standard in AV. Applying to this specification means offering the world's best performance available
- Enough power to fill the room with realistic home cinema enjoyment
- Raising the output power and increasing stability by bridging two amplifiers into one amplifier
- Power on/off switching triggered by the availability of a video output within your AV system
- Flexible system integration and intelligent system adaptation

## Technological glossary:

### Powered for excellence

This monoural power amplifier is build according to the latest AV specification of THX, THX Ultra. The discrete amplifier provides high quality music. It can be bridged, increasing the power by more then double to an impressive power rating. Its slim and smart design ensures that 5 MA6100's put beside each other match the width of our receivers. The MA6100 has no RC but it can be switched on and off via the Marantz D-Bus system or via the Video Switch Power. For those who want to get more out of their system.

### THX Ultra certified

Home THX Audio Systems, developed by George Lucas' THX Division, have become the world's standard for film enjoyment in the home. Now in its 15th year, THX licenses its patented technology to leading A/V and PC manufacturers worldwide. The legendary training program has certified more than 1500 dealers as among the highest qualified to sell and install Home THX products. THX also certifies home video software through the THX Digital Mastering Program, ensuring that DVD software, laser discs and VHS videotapes provide the best image and sound quality possible through the use of patented THX technology and unique quality control expertise.

Only audiosystems applying to the highest requirements can be certified with the THX Ultra specification. In line with our philosophy Marantz only applies to the highest standards.

### BTL mode

Marantz design their amplifiers to have robust power outputs. For the very demanding listener Marantz offers the ability to extent with a separate power amplifier. These amplifiers can be used in BTL mode. When operating in BTL, the amplifiers operates as one mono amplifier with more then twice the power rating. By offering the normal mono signal to one power amp and the inverted signal to the other power amp, the difference signal represents the amplified monoural signal.

### Video triggered power

In a multichannel set-up, placing the power amplifiers out of sight can be very beneficial. Problem however is that this set-up in most cases does not allow easy access to the power amplifiers to switch them on and off. Therefore Marantz developed the Video Switch Power-on. When a video signal or DC voltage is detected, power amplifiers switch on automatically. And when

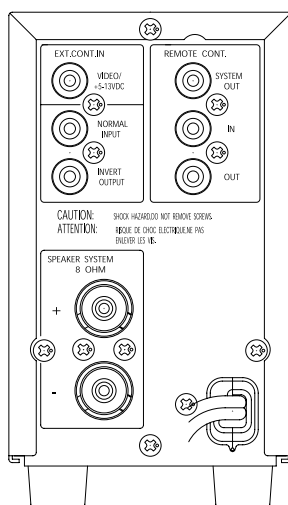
the video signal stops, the amplifiers switch off again.

### D.Bus

To optimise equipment in terms of ease of use, Marantz has designed the D.Bus system. Individual devices inform each other, in order to automatically tune to the customers demands. At the same time received remote control commands are communicated via this bus. This enables equipment without IR-receiver, like a power amps, a cassette deck or tuner, to be controlled via a Marantz Remote control.

## Bypacked Accessories

- User manual



## MA6100

## Preliminary Specifications

### FEATURES

Auto Power On/Off  
 Peak Level Indicators  
 Channels  
 Current Feedback Topology  
 Class A amplification  
 Linear drive power supply  
 CCNE  
 Power Transformer  
 HDAM  
 Symmetric PCB layout  
 Copper Plated Chassis  
 High grade audio components  
 Customized Components  
 BTL possibility  
 Balance / Bass / Treble / Loudness  
 Source Direct  
 Separate solid heat sinks  
 Speaker A/B  
 Record selector: full / copy-source  
 Tape monitor  
 Temperature gauge  
 Standby mode

### SPECIFICATIONS

- Power Output (8/4 Ohm RMS) 125/180 Watts
- Frequency range 10Hz-70kHz (+0,-1dB)
- 1 Total Harmonic Distortion 0,02%
- Bridged Power Output (8 Ohm RMS) 250 Watts
- Damping Factor 60
- Input Sensitivity: MM -
- Input Sensitivity: MC -
- EI Input Sensitivity: High level 1,0 V/ 30 kOhm
- Input Sensitivity: Balanced 1,0 V/ 30 kOhm
- Signal to Noise Ratio -/-/116 dB
- Channel separation: 1kHz / 10kHz -

### GENERAL

Color: Black / Gold

- Metal Front Panel
- Remote function
- Remote control
- Power Consumption 230 Watts
- Detachable Power Cable
- Cabinet dimensions (W x H x D) 88x132x450 mm
- Maximum dimensions (W x H x D) 88x146x470 mm
- Weight 5,7 Kg

### INPUTS/OUTPUTS

Audio Inputs 1 (mono)  
 Phono input: MM/MC -  
 Audio Outputs -  
 Balanced in- / output -/  
 External Control In (Composite) •  
 Processor I/O -  
 Pre-out / Main-in • (Invert out)/•  
 D-Bus In & Out •  
 Gold plated cinch •  
 Speaker Terminal: Heavy Duty Screw  
 AC Outlets (Not for UK Model) -  
 Headphone out -

Design and specifications are subject to change by Marantz without notice

[www.marantz.com](http://www.marantz.com)

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