

# marantz®



## MM8003 Multi-Channel Main Amplifier

At the heart of this amplifier is a massive high-current, audiophile-grade, oversized Toroidal power transformer. It easily delivers more than 140W to each of the eight channels, and in addition to its sheer power, it incorporates highgrade audio components throughout, extensive shielding of key components, and ultra-wide bandwidth Current Feedback technology. The amplification system was originally developed to handle Super Audio CD signals, so it's ideal for the new DTS-HD Master Audio and Dolby True HD formats. The chassis is completely copper plated to deliver perfect grounding, and to eliminate EMI. The result is an amazingly accurate tonal and image balance, allied to speed and dynamics with very low distortion.



because music matters

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| FEATURES  | MM8003 | INPUTS/OUTPUTS                             | GENERAL           |
|---|--------|--|-------------------|
| Channels  | 8      | Audio Inputs                               | -                 |
| Current Feedback Topology   | o      | Phono Input: MM/MC                         | -                 |
| Linear Drive Power Supply   | -      | Audio Outputs                              | -                 |
| CCNE  | -      | Balanced In/Out                            | 8/-               |
| Linear volume control   | -      | Pre-out / Main-in                          | -/8               |
| BTL Possibility   | -      | Gold Plated Cinch                          | o                 |
| BI-AMP and Multichannel option                                    | o      | Speaker A/B                                | -                 |
| Power Transformer: Toroidal / EI                                  | o/-    | Speaker Terminal: Screw / Marantz / WBT    | o/-/-             |
| Choke input   | -      | Number of terminals                        | 8                 |
| Shotky diodes   | o      | D-Bus                                      | o                 |
| HDAM version  | -      | Floating control bus (3.5mm mono jack x 2) | -                 |
| High Grade Audio Components                                       | o      | Remote Power Control (Trigger - in/out )   | o                 |
| Customised Components   | o      | Flasher in / IR Receiver in                | o/-               |
| Phono EQ: Standard / Current Feedback / Constant Current Feedback | -/-/-  | Headphone Out                              | -                 |
| Input buffer amp (all inputs / CD only)                           | o/-    | I-Pod input (direct / docking station)     | -/-               |
| Symmetric PCB Layout  | -      | <b>SPECIFICATIONS</b>                      |                   |
| Aluminum extrusion heat sink                                      | o      | Power Output (8/4 Ohm RMS)                 | 140W/17<br>0W (6) |
| Separate Solid Heat Sinks   | -      | Power Output (8/4 Ohm DIN)                 | -                 |
| System block shielding: Copper / metal / none                     | -/-/-  | Power Output (8/4 Ohm IHF)                 | -                 |
| Copper plated chassis   | o      | Bridged Power Output (8 Ohm RMS)           | -                 |
| Double Layer Bottom Plate   | -      |  | 8Hz-              |
| Low noise LCD display   | -      | Frequency Response                         | 100kHz(<br>+3dB)  |
| Low noise LED display   | -      |  | 0.03%(20<br>Hz-   |
| Power Meter : Analog / Digital                                    | -      | Total Harmonic Distortion                  | 20kHz)            |
| Balance / Bass / Treble / Loudness                                | -      | Damping Factor                             | 100               |
| Source Direct   | -      | Input Sensitivity: MM                      | -                 |
| Power Amp direct  | o      | Input Sensitivity: MC                      | -                 |
| Standby Mode  | o      | Signal to Noise Ratio: MM/MC               | -                 |
|   |        | Input Sensitivity: High level              | 1.2V /<br>22K     |
|   |        | Input Sensitivity: Balanced High level     | 2.4V /<br>30K     |
|   |        | Signal to Noise Ratio: High level          | 105dB             |

Design and specifications are subject to change by Marantz without notice.

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