

**MARANTZ PM-KI RUBY 40TH  
ANNIVERSARY INTEGRATED  
AMPLIFIER - GOLD (EX-DEMO)**

~~\$8,490.00~~ **\$4,799.00**

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**SKU:** PM-KI-ex-demo

**Category:** [2 Channel Amplifiers](#)



**GALLERY IMAGES**



**PRODUCT DESCRIPTION**

The PM-KI Ruby is built with just one aim – audio performance – which is why it uses a fully discrete two-stage design with separate power supplies for the preamplifier and power amp section to reduce interference, and draws on the design of the flagship PM-10 amplifier with its moving coil/moving magnet phono stage and Marantz HDAM technology throughout for signal purity.

**Premium Build**

The PM-KI is built on a vibration-resistant double layer chassis for rigidity, with 5mm thick aluminium top

lid, solid aluminium front, copper plated chassis and massive insulators. It's also equipped with high-quality nickel-plated input terminals and high-purity copper speaker connections.

### **Circuitry**

The PM-KI Ruby features a current feedback design with newly-developed wide-range circuitry and a toroidal transformer dedicated to the pre-amp for clarity and powerful sound. The HDAM® SA3 circuitry offers the cleanest signal path and optimal dynamics through the amplifier, which delivers 100W per channel into 8ohm speakers, or 200Wpc into 4ohm. The audio signal path is made entirely from discrete components for optimal quality, with the RIAA equalization split into passive and active components: RIAA correction is carried out by a Marantz HDAM, while the all-discrete amplification runs in minimum-distortion Class A.

### **Phono Stage**

Designed to deliver optimal sound quality by simplifying the signal path, the Marantz Musical Premium Phono EQ stage in the PM-KI amplifier can be used with both moving magnet and low-output moving coil cartridges, thanks to a built-in MC head amplifier. The design is all about lowering distortion by using two-stage amplification, combining Marantz HDAMs with JFETs (junction gate field effect transistors) in the input stage, giving high input impedance. This allows the no-negative-feedback design to be further simplified by the deletion of coupling capacitors - all then shielded - again reducing distortion and enhancing signal purity.

### **Laser Engraved Signature**

Marantz has been designing and making amplifiers for more than 65 years, and for 40 of those the products have reflected the expertise of Ken Ishiwata. Now, to mark his four decades with the company, the PM-KI Ruby amplifier has been developed and tuned by a highly experienced engineering team led by KI himself. And it arrives bearing Ken Ishiwata's signature and a special Ruby motif.

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## **KEY FEATURES**

- Engineered and extensively tuned by a team led by Ken Ishiwata, drawing on more than 65 years of Marantz amplifier design knowledge
  - Marantz high-resolution preamplifier stage using proprietary HDAM technology
    - Switching power amplifier design derived from the flagship PM-10 amplifier
      - Generous output: 100W + 100W (8 ohm), 200W + 200W (4 ohm)
- Fully-discrete two-stage design for signal purity, with separate power supplies for preamp and power amplifier sections to reduce interference
  - Toroidal transformer dedicated to the preamp for clarity and precision sound
- Current feedback design with newly developed wide-range circuitry
  - HDAM ® SA3 circuitry for clean signal and optimal dynamics



- MM/MC Phono input with new discrete Marantz Musical Premium Phono EQ circuit
- Thick nickel plated independent input terminals for CD and Phono, plus Marantz original high-quality/high-purity copper speaker terminals
  - Linear volume control with new electric volume system
- High-quality construction with double-layer chassis, 5mm thick aluminium top lid, solid aluminium front and copper plated chassis
- Laser-engraved 'Ken Ishiwata' signature and Ruby motif, marking Ken Ishiwata's 40 years with Marantz

## **SPECIFICATIONS**

**Power Output (8/4 Ohm RMS):** 100W / 200W

**Frequency Response:** 5Hz - 50kHz

**Total Harmonic Distortion:** 0.005%

**Damping Factor:** 500

**Input Sensitivity (MM):** 2.3mV/39kohm

**Input Sensitivity (MC):** 250µV/100ohm

**Signal to Noise Ratio (MM/MC):** 88/75dB

**Input Sensitivity (High level):** 220mV / 13kohm

**Signal to Noise Ratio (High level):** 107dB (2V input/rated output)

**Input Sensitivity (Power Amp Direct IN):** 1.1V / 13kohm

**Power Consumption:** 130W

**Standby Consumption:** 0.2W

**Dimensions (WxHxD):** 440 x 127 x 453mm

**Weight:** 15.7kg