



marantz®

*we
sound
better*

© beim Hersteller
Archiv Michael Otto

The Natural Sound of Marantz is the compelling warmth of a Stradivarius. It is a dancing flute, an insistent bassoon, the rounded mellowness of a French Horn.



Marantz Model 250

PROFESSIONAL POWER AMPLIFIER

250 Watts RMS



Marantz Model 16

STEREOPHONIC 200 WATTS RMS POWER AMPLIFIER

Our finest amplifier.



Marantz Model 32

STEREOPHONIC POWER AMPLIFIER

120 Watts RMS

FEATURES:

- Illuminated output level meters operate over two selectable ranges, for deflection sensitivity at levels as low as 125 milliwatts.
- Marantz exclusive Variable-Overlap Drive eliminates crossover notch distortion and automatically compensates for the normal aging of internal components.
- Relay-Operated protective devices and time delay circuits ensure amplifier stability and speaker safety.
- Massive heat sinks ensure cool operation.
- Special current-limiting circuits for complete protection of output transistors.

SPECIFICATIONS:

The Model 250 is rated at 250 Watts RMS (125 per channel) from 20 Hz to 20 kHz (both channels driven at 8 ohms) with total harmonic and intermodulation distortion of less than 0.1%.

Dimensions: 15 $\frac{3}{8}$ " W x 6 $\frac{1}{8}$ " H x 9 $\frac{1}{2}$ " D.

Unit Weight: 28 lbs.

Optional Accessories: WC-2 Walnut Cabinet

FEATURES:

- Separate power supplies for each channel.
- Variable-Overlap Drive (patent-pending) eliminates irritating crossover-notch distortion.
- Relay-operated protective device and time delay circuit ensure amplifier stability and speaker safety.
- Massive heat sinks ensure cool operation.
- Special current-limiting circuits for complete protection of output transistors.
- Three-year parts and labor warranty.

SPECIFICATIONS:

Output Power: 200 watts RMS continuous into 4 or 8 ohm (100 watts RMS continuous per channel, both channels driven into 8 ohms, 20 Hz to 20,000 Hz at less than 0.1% intermodulation and harmonic distortion).

Comparable Total Music Power (IHF): 300 watts @ 8 ohms.

Dimensions: 15 $\frac{3}{8}$ " W x 5 $\frac{3}{4}$ " H x 8" D.

Shipping Weight: 36 lbs. x 8" D.

Shipping Weight: 33 lbs.

Optional Accessories: WC-2 oiled-walnut cabinet, 70-volt line-matching transformer; RPK-16 19" rack-mounted panel,

FEATURES:

- Variable-Overlap Drive (patent-pending) eliminates irritating crossover-notch distortion.
- Relay-operated protective device and time delay circuit ensure amplifier stability and speaker safety.
- Massive heat sinks ensure cool operation.
- Special current-limiting circuits for complete protection of output transistors.

SPECIFICATIONS:

Power Output: 120 Watts RMS continuous into 4 or 8 ohms. 60 Watts RMS continuous into 16 ohms (60 Watts RMS continuous per channel, both channels driven into 8 ohms, 20 Hz to 20 kHz at less than 0.15% intermodulation and harmonic distortion).

Comparable Total Music Power (IHF): 180 Watts @ 8 ohms.

Dimensions: 15 $\frac{3}{8}$ " W x 5 $\frac{3}{4}$ " H x 9 $\frac{1}{8}$ " D.

Shipping Weight: 27 lbs.

Optional Accessory: WC-2 Oiled-Walnut Cabinet.



Marantz Model 33

STEREOPHONIC CONSOLE

The most versatile stereo preamplifier/control center available.



Marantz Model 1200

STEREO CONTROL AMPLIFIER

200 Watts RMS



Marantz Model 20

STEREOPHONIC FM TUNER

The world's finest FM stereo tuner.

FEATURES:

- Front-panel tape dubbing jacks.
- Front-panel headphone jack with level control.
- Center channel output with level control.
- Tape play/tape copy switch.
- Loudness control.
- Slide-type graphic controls for tone, balance and volume.
- Separate tone controls for each channel with defeat switch.
- 3-position high and low filters.
- 6 AC outlets.

SPECIFICATIONS:

Frequency Response: 20 Hz to 20 kHz $\pm$ 0.1 dB.

Harmonic and Intermodulation Distortion: Less than 0.02% at any frequency from 20 Hz to 20 kHz.

Dynamic Range: (Phono Input) —125 dB above 0.5 μ V equivalent noise input.

Dimensions: 15 $\frac{3}{8}$ " W x 5 $\frac{3}{4}$ " H x 8 $\frac{3}{4}$ " D.

Shipping Weight: 16 lbs.

Optional Accessory: WC-2 Oiled-Walnut Cabinet.

FEATURES:

- Marantz exclusive Variable-Overlap Drive eliminates cross-over notch distortion and automatically compensates for normal aging of internal components.
- Stereo input jacks for microphone, phono, aux. 1, aux. 2, tape and tuner.
- Slide-type graphic tone controls with defeat switch.
- Loudness contour control for improved low-level listening.
- Mode Control: Left, right, stereo reverse, and mono.
- Remote speaker switching.
- Tape monitoring switch.
- Center-channel output with separate volume control.
- Special current-limiting circuits for complete protection of output transistors and speakers.

SPECIFICATIONS:

The Model 1200 is rated at 200 Watts RMS (100 per channel) from 20 Hz to 20 kHz (both channels driven at 8 ohms) with total harmonic and intermodulation distortion of less than 0.15%.

Dimensions: 15 $\frac{3}{8}$ " W x 5 $\frac{3}{4}$ " H x 14" D.

Unit Weight: 31 lbs.

Optional Accessory: WC-1 - Walnut Cabinet.

FEATURES:

- Built-in oscilloscope for precise tuning.
- Gyro Touch Tuning (patented) results in silky-smooth tuning.
- Precision-calibrated dial glass for absolute accuracy in station selection.
- Butterworth filters in IF stages and dual gate FET front end ensure lowest distortion and maximum quieting slope.
- Automatic Stereo-Switching and interchannel muting are accomplished by electronically-triggered photo-electric circuits.
- Balanced-bridge hot-carrier diode mixer.

SPECIFICATIONS:

Quieting Slope: at least 55 dB @ 5 μ V; 62 dB @ 10 μ V; 73 dB @ 50 μ V.

IHF FM Sensitivity: 1.8 μ V.

Stereo Separation: 40 dB @ 20 Hz; 45 dB @ 1 kHz; 35 dB @ 10 kHz; 30 dB @ 15 kHz.

Dimensions: 15 $\frac{3}{8}$ " W x 5 $\frac{3}{4}$ " H x 14 $\frac{1}{8}$ " D.

Shipping Weight: 35 lbs.

Optional Accessory: WC-1 Oiled-Walnut Cabinet.



Marantz Model 500

STEREOPHONIC POWER AMPLIFIER

500 Watts RMS



Marantz Model 120

AM/FM STEREOPHONIC TUNER

with Oscilloscope



Marantz Model 110

AM/FM STEREOPHONIC TUNER

FEATURES:

- Electronic time delay circuit, instant overload recovery.
- Massive heat sinks and forced air cooling.
- Relay operated protective circuitry.
- Direct coupled complimentary symmetry circuitry.
- Variable overlap drive.
- Military specification wiring and materials.
- VU meters driven by separate, isolated amplifiers.
- Gold anodized, etched rack mount panel.
- Three year parts and labor warranty.

SPECIFICATIONS:

Power Output: (Total RMS continuous power, both channels driven, at or below rated distortion, 20 Hz to 20 kHz): 1000 Watts into 4 ohms (500 Watts/Channel), 500 Watts into 8 ohms (250 Watts/Channel), 250 Watts into 16 ohms (125 Watts/Channel), total Harmonic Distortion (at or below rated output 20 Hz to 20 kHz): Less than 0.1%.

Input Sensitivity: 1.75 volts for rated power.

Input Impedance: 100k ohms.

Number of Semi Conductors: 54 transistors, 11 diodes.

Power Requirements: 120 volts AC, 2000 Watts, 60 Hz, 220 volts optional on special order.

Dimensions: 17 5/8" W x 7" H x 16" D.

Unit Weight: 78 lbs.

FEATURES:

- Gyro Touch Tuning.
- Illuminated Dial Pointer.
- Blackout Dial.
- Lighted Function Indication.
- Push Button Function Controls.
- Built-in Oscilloscope displays.
 - Signal Strength - FM Center-of-Channel Tuning - Multipath
 - Audio Display from Tuner Signal - Audio Display from External Source.
- Hi-Blend.
- Scope Centering Controls.
- Cosmetics and Panel Dimensions to match "A" Line Components.

SPECIFICATIONS:

FM IHF Sensitivity: 2.5 mv or better.

Capture Ratio: 2 dB or better.

Image Rejection: 90 dB.

Spurious Rejection: 90 dB.

AM Suppression: 60 dB.

IF Rejection: 100 dB.

Stereo Separation: 40 dB @ 1 kHz.

Total Harmonic Distortion: Stereo .50% Mono .30%.

AM IHF Sensitivity: 2.5 uv.

Power Requirements: 120 volts, 50-60 Hz (Internal change for 100, 120, 200, 220, 240 volts 50/60 Hz).

Dimensions: 15 3/8" W x 5 3/4" H x 13" D.

Approximate Weight: 22 lbs.

FEATURES:

- Gyro Touch Tuning.
- Illuminated Dial Pointer.
- Blackout Dial.
- Lighted Function Controls.
- Signal Strength Meters.
- Hi Blend.
- Matches 1030 and 1060 size and cosmetics.
- 300/75 Ohm FM Antenna Inputs.
- AM Ferrite Antenna.
- Four-Channel-Ready Detector Output.
- Output Level Controls.
- Muting Threshold Level Controls.
- Accessory AC Outlet.

SPECIFICATIONS:

FM IHF Sensitivity: 3 mv or better.

Capture Ratio: 2.5 dB or better.

Image Rejection: 75 dB.

Spurious Rejection: 90 dB.

AM Suppression: 50 dB.

IF Rejection: 90 dB.

Stereo Separation: 40 dB @ 1 kHz.

Total Harmonic Distortion: Stereo .50% Mono .30%.

AM IHF Sensitivity: 25 uv.

Power Requirements: 120 volts, 50/60 Hz (Internal change for 100, 120, 200, 220, 240 volts 50/60 Hz).

Dimensions: 14 1/4" W x 4 3/4" H x 12" D.

Approximate Weight: 17 lbs.



Marantz Model 1030

STEREOPHONIC CONSOLE AMPLIFIER

15 Watts RMS per Channel



Marantz Model 1060

STEREOPHONIC CONSOLE AMPLIFIER

30 Watts RMS per Channel

FEATURES:

■ Of course the 1030 has every desirable feature you'd look for in a quality integrated Stereo Preamp-Amplifier of its price class.

■ The Preamp and Power Amp sections of either or both channels can be operated as separate components. The Mic input can drive either or both Power Amplifier sections.

■ And we've included a Rear Panel Din Connector for Stereo tape decks.

■ The companion Model 110 AM/FM Stereo Tuner matches the 1030 in size and cosmetics.

SPECIFICATIONS:

Power Output: (Total RMS continuous power, both channels driven, at rated distortion, 40 Hz to 20 kHz): 30 Watts at 8 ohms (15 Watts per channel).

Total Harmonic Distortion: .50% at full rated power at any frequency from 40 Hz to 20 kHz. THD is less than .50% at any power level less than rated output.

Intermodulation Distortion: .50% (any combination of frequencies from 40 Hz to 20 kHz).

Input Sensitivity: 1.8 mv Ph., 180 mv High Level.

Power Requirements: 120 volts, 50/60 Hz (Internal change for 100, 120, 200, 220, 240 volts 50/60 Hz).

Dimensions: 14 1/4" W x 4 3/4" H x 12" D.

Approximate Weight: 17 lbs.

FEATURES:

■ Of course the 1060 has every desirable feature you'd look for in a quality integrated Stereo Preamp-Amplifier of its price class.

■ The Preamp and Power Amp sections of either or both channels can be operated as separate components. The Preamp sections, for example, can serve as a two-Mic-Mixer feeding one power channel, while the other power channel serves as a booster Amp for an electronic "side-man".

■ Three-zone stepped Tone Controls offer more and easier accommodation to difficult acoustic environments.

■ And we've included a rear panel Din Connector for Stereo tape decks.

SPECIFICATIONS:

Power Output: Total RMS continuous power, both channels driven, at rated distortion, from 20 Hz to 20 kHz, 60 Watts at 8 ohms (30 Watts per channel).

Total Harmonic Distortion: .30% at full rated power at any frequency from 20 Hz to 20 kHz. THD is less than .30% at any power level less than rated output.

Intermodulation Distortion: .50% (any combination of frequencies from 20 Hz to 20 kHz).

Input Sensitivity: 1.8 mv Ph., 180 mv High Level, 2.1 mv Mic.

Power Requirements: 120 volts, 50/60 Hz (Internal change for 100, 120, 200, 220, 240 volts 50/60 Hz).

Dimensions: 14 1/4" W x 4 3/4" H x 12" D.

Approximate Weight: 20 lbs.

SOLID-STATE AUDIO COMPONENTS

Contained in this catalog is the entire Marantz line of audio equipment. Not an overwhelming number of products, but rather, products of overwhelming performance and uniqueness. For Marantz is more than a product line; it is an ideal in the world of the natural reproduction of sound. In a phrase: The Natural Sound of Marantz.

SOLID-STATE STEREO RECEIVERS AND SPEAKER SYSTEMS



Marantz Model 19

THE ULTIMATE STEREOPHONIC FM RECEIVER

100 Watts RMS



Marantz Model 2270

AM/FM STEREOPHONIC RECEIVER

70 Watts RMS per Channel



Marantz Model 2245

AM/FM STEREOPHONIC RECEIVER

45 Watts RMS per Channel

FEATURES:

- Marantz exclusive Gyro-Touch Tuning for smooth, effortless tuning.
- Marantz exclusive Built-In Oscilloscope for indicating multipath distortion, center-of-channel, signal strength, stereo separation, and phasing of broadcast signals.
- Butterworth IF Filters for lowest distortion and widest stereo separation.
- Dual Gate FET RF Amplifier for steepest quieting slope.
- Relay-Operated output transistor and speaker protection.
- Parametric muting eliminates interstation noise.
- Front panel tape recorder dubbing and headphone jacks.
- Custom Calibrated Dial Scale for superior tuning accuracy.

SPECIFICATIONS:

IHF FM Sensitivity: 1.8 μ V or better.
Quieting Slope: 55 dB (@ 5 μ V; 62 dB (@ 10 μ V; 73 dB (@ 50 μ V).
Stereo Separation: 45 dB (@ 1 kHz).
Dimensions: 18 $\frac{1}{4}$ " W x 5 $\frac{3}{4}$ " H x 16" D.
Unit Weight: 46 lbs.
Optional Accessory: WC-9 — Walnut Cabinet

AMPLIFIER SECTION:

The Model 19 is rated at 100 Watts RMS (50 per channel), from 20 Hz to 20 kHz (both channels driven at 8 ohms) with total harmonic and intermodulation distortion of less than 0.15%.

FEATURES:

- Gyro Touch Tuning
- Two meters plus Push Switch to indicate FM Tuning, Multipath, and Signal Strength
- Three-Zone Tone Control: Dual Concentric Stepped Controls for Bass, Midrange, and Treble
- Push Button Tape Monitoring for two Stereo Tape Decks, plus front panel Dubbing Jacks
- MAIN/REMOTE Push Button Switching for Speakers and/or Phones
- "Four Channel Ready" Detector Output Jack
- FM Antenna Attenuator Control
- Direct Coupled Output, automatic protection for Speakers and for output circuitry

SPECIFICATIONS:

FM IHF Sensitivity: 2.5 mv or better.
Stereo Separation: 40 dB @ 1 kHz.
Total Harmonic Distortion: Stereo .50% Mono .30%.
AM IHF Sensitivity: 25 μ V.
Dimensions: 16 $\frac{3}{8}$ " W x 5" H x 14" D.
Approximate Weight: 35 lbs.
Optional Accessory: WC-22 Walnut Cabinet

AMPLIFIER SECTION:

The Model 2270 is rated at 70 Watts RMS (70 per channel), from 20 Hz to 20 kHz (both channels driven at 8 ohms), with total harmonic and intermodulation distortion of less than 0.3%.

FEATURES:

- Gyro Touch Tuning
- Two Meters -- FM Tuning and Signal Strength
- Three-Zone Tone Control: Dual Concentric Stepped Controls for Bass, Midrange, and Treble
- Push Button Tape Monitoring, plus front panel Dubbing Jacks
- MAIN/REMOTE Push Button Switching for Speakers and/or Phones
- "Four Channel Ready" Detector Output Jack
- FM Antenna Attenuator Control
- Direct Coupled Output, full automatic protection for Speakers and for output circuitry

SPECIFICATIONS:

FM IHF Sensitivity: 3 mv or better
Stereo Separation: 40 dB
Total Harmonic Distortion: Stereo .50% Mono .30%
AM IHF Sensitivity: 25 μ V
Dimensions: 16 $\frac{3}{8}$ " W x 5" H x 14" D
Approximate Weight: 32 lbs.
Optional Accessory: WC-22 Walnut Cabinet

AMPLIFIER SECTION:

The Model 2245 is rated at 90 Watts RMS (45 per channel) from 20 Hz to 20 kHz (both channels driven at 8 ohms), with total harmonic and intermodulation distortion of less than 0.3%.



Marantz Model 2230

AM/FM STEREOPHONIC RECEIVER

30 Watts RMS per Channel



Marantz Model 2215

AM/FM STEREOPHONIC RECEIVER

15 Watts RMS per Channel



Marantz Model 4120

4 CHANNEL SYNTHESIZER/CONSOLE AMPLIFIER

FEATURES:

- Gyro Touch Tuning
- Three-Zone Tone Control: Dual Concentric Stepped Controls for Bass, Midrange, and Treble
- Push Button Tape Monitoring plus Front Panel Dubbing Jacks
- MAIN/REMOTE Push Button Switching for Speakers and/or Phones
- "Four Channel Ready" Detector Output Jack
- FM Antenna Attenuator Control

SPECIFICATIONS:

FM IHF Sensitivity: 3 mv or better

Stereo Separation: 40 dB @ 1 kHz

Total Harmonic Distortion: Stereo .5% Mono .3%

AM IHF Sensitivity: 25 uv

Dimensions: 16 $\frac{1}{8}$ " W x 5" H x 14" D

Approximate Weight: 32 lbs.

Optional Accessory: WC-22 Walnut Cabinet

AMPLIFIER SECTION:

The Model 2230 is rated at 60 Watts RMS (30 per channel), from 20 Hz to 20 kHz (both channels driven at 8 ohms), with total harmonic and intermodulation distortion of less than 0.5%.

FEATURES:

- Gyro Touch Tuning
- Signal Strength Meter
- Push Button Tape Monitoring
- MAIN/REMOTE Push Button switching for Speakers and/or Phones
- "Four Channel Ready" Detector Output Jack
- Switched and Unswitched AC Receptacles

SPECIFICATIONS:

FM Sensitivity: 4.5 mv or better

Stereo Separation: 30 dB @ 1 kHz

Total Harmonic Distortion: Stereo 1.0% Mono 0.8%

AM IHF Sensitivity: 35 uv

Dimensions: 16 $\frac{1}{8}$ " W x 5" H x 14" D

Approximate Weight: 30 lbs.

Optional Accessory: WC-22 Walnut Cabinet

AMPLIFIER SECTION:

The Model 2215 is rated at 30 Watts RMS (15 per channel), from 20 Hz to 20 kHz (both channels driven at 8 ohms), with total harmonic and intermodulation distortion of less than 0.5%.

FEATURES:

1. It will reproduce four channels of source material, with separate Tone Control of each channel, from any present or probable future four channel source device.
2. Used with a conventional stereo receiver, it will add two channels of Preamp/Amp to act as a 4-channel Adaptor.
3. It will serve as a high powered conventional Stereo Preamp/Amp.
4. From conventional stereo source material, it will reproduce conventional front stereo left and right programs plus synthesized rear left and right channels!

SPECIFICATIONS:

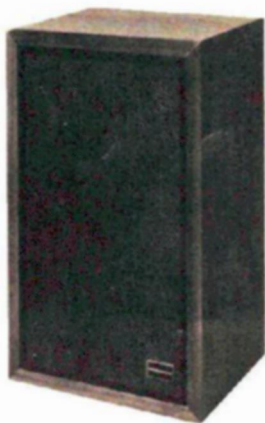
Power Output: (Total RMS continuous power, both channels driven, at rated distortion, from 20 Hz to 20 kHz) 120 Watts at 8 ohms (60 Watts per channel) for 2 channel (25 Watts per channel) for 4 channel

Total Harmonic Distortion: .3% at full rated power at any frequency from 20 Hz to 20 kHz. THD is less than .3% at any power level less than rated output.

Intermodulation Distortion: .3% (any combination of frequencies from 20 Hz to 20 kHz)

Dimensions: 15 $\frac{3}{8}$ " W x 5 $\frac{3}{4}$ " H x 14" D

Approximate Weight: 27 lbs.



Marantz Imperial 5
2-WAY, 2-SPEAKER BOOKSHELF SYSTEM

FEATURES:

■ Highly-damped ducted port enclosure design provides increased low-end efficiency necessary to achieve vital bass reproduction from amplifiers rated under 15 Watts RMS at 50 Hz.

■ High electro-acoustic conversion provides good acoustic output with power inputs of 5 Watts or less.

SPECIFICATIONS:

System: 8" Woofer with long-throw voice coil, 16 oz. Alnico magnet assembly. 3½" dome-type direct-radiating tweeter.

Frequency Range: 40 Hz to 18 kHz.

Crossover Frequency: 12 dB octave from 2 kHz.

Impedance: 8 ohms nominal.

Power Handling Capacity: 40 Watts.

Controls: 3-position high-frequency level selector switch.

Dimensions: 12"W x 23"H x 9½"D.

Unit Weight: 23½ lbs.



Marantz Model 29
AM/FM/LW STEREOGRAPHIC RECEIVER
 12 Watts RMS per Channel

FEATURES:

- Gyro Touch Tuning.
- Signal Strength Meters.
- Push Button Tape Monitoring.
- MAIN / REMOTE / BOTH.

SPECIFICATIONS:

FM Sensitivity: 4.5 mv or better.

Stereo Separation: 30 dB 1 kHz or better.

Total Harmonic Distortion: Stereo .1% Mono .1%.

Dimensions: 408 mm - 108 mm - 293 mm.

Weight: 18 lbs.

Optional Accessory: WC-5 Walnut Cabinet.

AMPLIFIER SECTION:

The model 29 is rated at 24 W_e RMS (12 Watts per channel) from 20 Hz to 20 kHz (both channels driven at 8 Ohms), with total harmonic and intermodulation distortion of less than 1%.

Choose Marantz, and you have selected the world's best stereo equipment!
 Best because Marantz guarantees you quality performance year after year.
 Only Marantz gives you such comprehensive assurance of quality. It's your guarantee that you'll get performance unmatched by any other stereo equipment.
 And that's what makes Marantz the world's best choice in stereo equipment.
 Let your ears make up your mind!



Marantz reserves the right to change or amend models, prices and specifications without notice.