



RECEIVERS • COMPONENTS • SPEAKER SYSTEMS

marantz.

We sound better.

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When you say . . . "I OWN A MARANTZ"

. . . you've said a lot of nice things about yourself.

You've said you're an individual . . . who, when it comes to owning a home audio entertainment system, wants only the very best.

And to you, that "very best" isn't measured in dollars and cents. But in quality. Quality to match your own particular needs.

Because the audio system you own is like the home you live in, and the clothes you wear . . . and the music you listen to.

It's an extension of your own personality.

So, when you say "I own a Marantz," you're saying you're a person who simply won't compromise good taste and thorough judgment by settling for less.

Here Marantz offers its complete line of audio entertainment systems.

Each with different features and its own separate benefits.

And one of them was designed with you in mind.

You're ready for Marantz. And Marantz is ready for you . . .

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PROFESSIONAL STEREO POWER AMPLIFIERS. THE END OF THE POWER STRUGGLE.

For the pro and near-pro who wants the kind of power it takes to cover a full auditorium or even your own private recording studio . . . the power amp is the brute force of your system. Marantz has three brutes to choose from. They are the ultimate in amplification. And each one has the strength to perform with precision to match any audio challenge you present.

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MODEL 500 PROFESSIONAL STEREO POWER AMPLIFIER

The magnificent brute. The Marantz 500 is 83 pounds of effective force — the ultra-dependable power needed for sound reinforcement, stereo monitoring and extra-strenuous custom stereo applications. It comes ready for standard 19 inch rack-mounting and features front-panel accessible input and output terminals which are duplicated at the rear of the unit. It is, without dispute, the very lowest distortion, high-powered basic amplifier ever produced. This is the end-result of over three years of extensive research and development. The distortion level of the Model 500 is so minute that even the finest laboratory equipment cannot accurately measure it. We rate it conservatively at 0.05% total harmonic and intermodulation distortion. This unit will continually deliver 250 Watts of power per channel into 8 Ohm speakers at a range from 20 Hz to 20 kHz (typically 300 per channel). The Marantz 500 is made to

perform with precision. And for extended periods of time. The built-in cooling fan permits full output operation for as long as demanded, without subjecting the output transistors to excessive temperatures. The front panel features illuminated output meters with multi-range switching that also automatically limits the output power to 100%, 50%, or 25% of rated capability. These meters give visual indication of actual power output to the speakers. This means that speaker overload and/or overdriving amplifier inputs can be checked and avoided. Behind the gold-anodized front panel is the fully automatic self-protective circuitry and instant overload recovery. You might say the Model 500 takes care of itself. And the completely enclosed metal chassis shields and protects internal components. You'll never need a better amplifier than this. Because there is no better than the Marantz 500.

MODEL 250 PROFESSIONAL STEREO POWER AMPLIFIER



250 Watts of continuous power may be more than enough for you to have your own homemade jam session. Because the Model 250 offers the kind of brute strength you need for vibrant, professional stereo sound in a variety of uses, such as studio monitoring, sound reinforcement and custom stereo applications. Although it's rated at 250 Watts RMS (125/channel), under typical use this Marantz amplifier delivers up to 300 Watts of power into 8 Ohms, from 20 Hz to 20 kHz, with less than .05% THD and IM distortion. An added feature for the pro is the illuminated output level meters with Power Range Switching. These meters work as visual indicators, showing actual power output to speakers. With them, speaker overload and/or overdriving amp inputs can be checked and, consequently, avoided. Power, features, price. And the nicest thing about the 250 is that you don't have to compromise one for another.

Shown in optional WC-2 Walnut Cabinet.

MODEL 240 BASIC STEREO AMPLIFIER



Not just another pretty face, the Model 240 offers the same reliable power, the same craftsmanship and endurance as the Marantz 250. What it doesn't offer is the two front panel meters. With this model you get all the same high-performance features — but you don't get the meters to tell you about them. You get the Variable Overlap Drive, which automatically compensates for natural aging of components, giving continual "like new" performance. And the Model 240 offers complete stability regardless of load, massive heat sinks and more. 250 Watts continuous power into 8 Ohm speakers, (typically 300) from 20 Hz to 20 kHz with total harmonic and intermodulation distortion under 0.1%. So, for the identical Marantz quality you're saving yourself some money. When you're thinking about buying a stereo power amplifier, think of the Model 240 as the one that's made to listen to — not look at.

Shown in optional WC-2 Walnut Cabinet.

SPECIFICATIONS

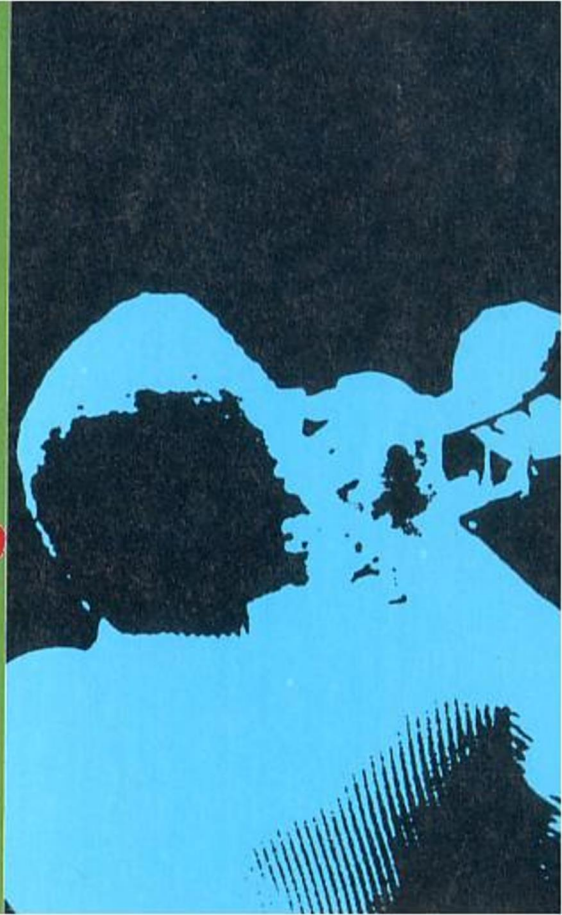
POWER AMPLIFIER	500	250	240
Power Output: Continuous Power at 8 Ohms, at or Below Rated Distortion 20Hz to 20kHz. Both Channels Driven at Rated Distortion.	500 Watts (250 w/ch)	250 Watts (125 w/ch)	250 Watts (125 w/ch)
IM Distortion: At or Below Rated Power, any Combination of Two Frequencies Between 20Hz to 20kHz, Both Channels Driven.	0.05%	0.1%	0.1%
Total Harmonic Distortion: At or Below Rated Power, any Frequency from 20Hz to 20kHz, Both Channels Driven.	0.05%	0.1%	0.1%
Frequency Response: 20Hz to 20kHz.	±0.1dB	±0.1dB	±0.1dB
Power Bandwidth: IHF, Both Channels Driven.	3Hz to 60kHz	7Hz to 60kHz	7Hz to 60kHz
Input Sensitivity and Impedance: (Nominal.)	1.75 Volts 33k Ohms	1.5 Volts 100k Ohms	1.5 Volts 100k Ohms
Damping Factor:	400	100	100

Models and specifications subject to change without notice.

WHY A STEREO COMPONENTS SYSTEM?

Ask a recording engineer. Ask the sound purist. Or the musician . . . the singer. The audio buff. They'll all tell you they demand a super-versatile, super-quality, super-sound set-up. They need a stereo components system. And they want Marantz. Because Marantz means "professional audio equipment." Each component assembled meets and exceeds professional specifications standards. But don't shy away from all this just because you may not happen to be a pro or a purist. There are a number of very good reasons why this type of system may be just right for you. For starters, how about versatility? You can tailor your system to match your needs . . . without . . . compromises. Since components are individual pieces of equipment, you have that broad freedom of choice before you. Choose the tuner you like best and match it up to the amplifier with the most power you need. Practicality is another good reason to think Marantz components. A component is a one function item that's made to perform its singular job . . . not three or four jobs. So, you're assured of more performance and less repairs. Also, if you decide later to change any portion of your system, you're not stuck with replacing the entire system . . . only what you wish to change. Now isn't this the kind of professionalism you're looking for? Marantz components. They're either the first or the best. Or both.

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MODEL 1200B STEREO CONSOLE AMPLIFIER



Shown in optional WC-1 Walnut Cabinet.

STEREO CONSOLE AMPLIFIERS

The Marantz people want you to know as much about stereo console amplifiers as you like. And while you're at it, learn about tuners. Learn about amps and preamps. Learn what your own personal likes and needs are too. Because the more you learn . . . the more you'll appreciate Marantz. Plenty of owners of stereo systems don't know their THD from their RMS. But, then they most likely don't own a Marantz stereo console amplifier, either. With four systems to choose from, there's one that's just right for you. But, read on. Compare features, look at benefits. By the time you've finished, we hope you'll be a little more informed and a lot more comfortable about choosing the right model for yourself.

MODEL 1200B STEREO CONSOLE AMPLIFIER

The fact that the Model 1200B is the highest-power, lowest distortion, integrated amplifier in the world — is an excellent reason to choose one. It's specified at 200 Watts of continuous power but typically does more than 230. And see what else you'll be getting. Versatility. The 1200B is equipped with inputs for stereo microphones, two phono turntables, a tuner and two auxiliary stereo sources. And the high and low filters each have two cut-off frequencies. You get reliability, too. Full automatic protection of output circuitry and associated speakers. The Marantz exclusive Variable Overlap Drive compensates for natural aging of the power amp's internal components, assuring continual "like new" performance. What you wouldn't be getting is very much total harmonic or intermodulation distortion. Less than 0.1%.

MODEL 1120 STEREO CONSOLE AMPLIFIER



If you don't feel you need the extreme power and versatility of the Model 1200, Marantz made the Model 1120 for you. It puts out enough power to fill your house with music, yet it's just right for a den or smaller room as well. 120 Watts continuous power (typically 150) into 8 Ohm speakers, with less than 0.2% total harmonic and intermodulation distortion. Computer-grade construction assures precision performance from all internal components without aging or distortion. Total automatic protection of all output circuitry, plus a full complement of inputs for microphones, phono, tuner, two tape recorders and auxiliary are all part of a package that can't be beat for quality, performance or price. No wonder the 1120 has been the overwhelming choice of thousands throughout the world.

Shown in optional WC-1 Walnut Cabinet.

MODEL 1060 STEREO CONSOLE AMPLIFIER



The particularly nice thing about the Marantz 1060 is that it will go with just about any sized speaker system and still put out enough power to cover a room full of people. 60 Watts of power. And more like 90 Watts under typical listening conditions. At full volume or low level the distortion stays about the same. Or perhaps we should say "lack of distortion." The Model 1060 has less than 0.5% total harmonic and intermodulation distortion. Typically 0.1%. Perhaps that's why it's received rave reviews in audio publications throughout the world. And perhaps that's why so many have been sold. It's features, also, place it among the very finest. There's a high filter to eliminate record scratch and tape hiss. And a low filter to cut hum and rumble. Other features include inputs for two tape recorders, as well as front panel stereo microphone input jacks. The list goes on. But for the 1060 listening is believing. You can do both.

Shown in optional WC-10 Walnut Cabinet.

MODEL 1030 STEREO CONSOLE AMPLIFIER



The little giant. Little refers to price. Giant refers to quality. Because while the Model 1030 is the least expensive console amplifier Marantz makes — it's still assembled with all the same precision craftsmanship and meticulous construction as the costlier units. It's not quite as powerful nor does it have as many features. So, what we're really saying is you're not paying extra for extras you don't need. What you *do* get is 30 Watts or more continuous power with less than 0.5% distortion. There's a tape monitoring facility and front panel microphone input. The main and remote speakers have convenient quick-connect terminals. Plus, stepped tone controls for easily repeatable settings. The Model 1030. Thank Marantz for small favors.

Shown in optional WC-70 Walnut Cabinet.

SPECIFICATIONS

POWER AMPLIFIER	1200B	1120	1060	1030*
Power Output: Continuous Power at 8 Ohms, at or Below Rated Distortion 20Hz to 20kHz. Both Channels Driven, at Rated Distortion.	200 Watts (100 w/ch)	120 Watts (60 w/ch)	60 Watts (30 w/ch)	30 Watts* (15 w/ch)
IM Distortion: At or Below Rated Power, any Combination of Two Frequencies Between 20Hz to 20kHz, Both Channels Driven.	0.1%	0.2%	0.5%	0.5%*
Total Harmonic Distortion: At or Below Rated Power, any Frequency from 20Hz to 20kHz, Both Channels Driven.	0.1%	0.2%	0.5%	0.5%*
Frequency Response: 20Hz to 20kHz.	±0.1dB	±0.2dB	±0.5dB	±0.5dB*
Power Bandwidth: IHF, Both Channels Driven.	10Hz to 40kHz	10Hz to 40kHz	15Hz to 50kHz	15Hz to 40kHz
Input Sensitivity and Impedance:	1 Volt 47k Ohms	1.5 Volts 33k Ohms	1.1 Volts 47k Ohms	—
Damping Factor:	100	40	45	45

*40Hz to 20kHz.

Models and specifications subject to change without notice.

PRE-AMPLIFIER	1200B	1120	1060	1030
Phono Section:				
Dynamic Range: Ratio of Input Overload to Equivalent Noise.	100dB	96dB	96dB	93dB
Sensitivity and Impedance:	1.35mV 47k Ohms	1.1mV 47k Ohms	1.8mV 47k Ohms	2.1mV 47k Ohms
High Level:	134mV	110mV	180mV	150mV
Input Sensitivity and Impedance:	50k Ohms	25k Ohms	100k Ohms	100k Ohms
Tone Controls:				
Bass: 50Hz.	±10dB	±10dB	±12dB	±12dB
Mid: 700Hz.	—	—	±6dB	—
Treble: 10kHz.	±10dB	±10dB	±12dB	±12dB
Output Level and Impedance:	1.0 Volts 600 Ohms	1.1 Volts 4.7k Ohms	1.0 Volt 900 Ohms	
Total Harmonic Distortion: At or Below Rated Output.	0.05%	0.1%	0.3%	
I.M. Distortion: At or Below Rated Output, any Combination of Two Frequencies Between 20Hz and 20kHz.	0.05%	0.1%	0.3%	
Frequency Response: High Level Input, from 20Hz to 20kHz.	±0.25dB	±0.3dB	±1dB	±1dB

MODEL 3300 STEREO CONTROL CONSOLE



Complete audio control at your fingertips. For low noise, dynamic range and precision control over every audio variable, the Marantz 3300 can't be beat. It should be the heart of your stereo system. It offers maximum performance with a minimum of distortion (less than 0.02% THD and IM distortion from 20 Hz to 20 kHz). And these are some of the features at your reach. Professional-style straight-line graphic tone controls assure quick visual control settings. And there are individual bass and treble controls for each channel. The high and low filters reduce rumble, record scratch and tape hiss. Complete monitoring facilities for two tape decks, front panel headphone jack and separately controlled center channel output. And, of course, the gold-anodized front panel is standard Marantz luxury. The Model 3300 keeps your music under control. Another Marantz component that brings out the pro in all of us.

SPECIFICATIONS: Rated output voltage: 3 Volts RMS; Output impedance: 600 Ohms; THD (Any frequency 20Hz to 20kHz): Less than 0.02%; IM (Any combination of two frequencies 20Hz to 20kHz): Less than 0.02%; High level input sensitivity and impedance: 135mV @ 50k Ohms; Low level sensitivity and impedance: 1.25mV @ 47k Ohms; Phono dynamic range: 100dB; Tone controls: Bass — ± 10 dB @ 50Hz, Treble — ± 10 dB @ 10kHz; Frequency Response (20Hz to 20kHz): ± 0.25 dB. Equivalent Input Noise < 1.0 μ V.

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MODEL 120B AM/FM STEREO TUNER

STEREO TUNERS

Marantz makes three tuners.
Not 6 or 10 or 20.
Because one is all you need.
And you'll find the
right "one" among our three.
Any more than that
only costs more to you,
to us, and confuses everybody.
Each stereo tuner
offers complete functional
features and controls.
The professional
Marantz performance
is never dictated
by price.

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Shown in optional WC-1 Walnut Cabinet.

The Model 120B (as in *Best*) is the successor to the famous Marantz Models 10B and 20B. This year we made the built-in oscilloscope bigger. Now a full three inches. You still get the same tuning and Multipath indications for maximum performance and minimum distortion. It also indicates your best reception for outdoor FM antenna. Add another something new — complete 4-channel display capabilities with this scope. This means you can actually see what effect your 4-channel system's controls have on the music you're into. See the difference between SQ* and CD-4**. And observe the changes in your stereo program when the Marantz exclusive Vari-Matrix with Dimension Control is put to work, giving you all the vibrance of synthesized 4-channel sound with full effect. Plus, you still get 2-channel display capabilities that show stereo separation and allow you to check if a station is broadcasting in the proper phase. So, you have a built-in visual indicator simply unequalled by any number of meters and dials. And more. The Marantz 120B features a Phase-Lock Loop (PLL) FM Stereo Multiplex Demodulator for precision stereo separation and minimum distortion from FM Stereo broadcasts. Or, to be more technical,

this feature automatically maintains a precise phase relationship with the 38kHz subcarrier through an electronic servo loop. The technology of PLL was perfected originally for communications in NASA's Space Program. Just another example of Marantz' continuing efforts to offer the very latest in space-age solid-state technology.

And speaking of the future, Marantz has added the "4-channel ready" Quadracial output jack for decoding 4-channel broadcasts when approved by the FCC. Add to all this more outstanding Marantz features like Gyro-Touch Tuning, which provides greater tuning accuracy by moving the actual flywheel. And the FM Muting and Muting Threshold control to eliminate interstation noise when tuning, or permit you to receive weak stations that would normally be muted. Include the unique Hi Blend to quiet background noise from marginal stations without audibly affecting stereo separation or frequency response. Anyway, to make a long story short... the Marantz 120B is simply the finest tuner made today, for tomorrow. And *that's* what Marantz is all about.

*TM, CBS Laboratories. **TM Victor Co. of Japan.



MODEL 115B AM/FM STEREO TUNER

Introducing the versatile one — the Marantz 115B. It goes with everything from our 60 Watt per channel console amp all the way up to our 250 Watt component system. And it's loaded with front and back panel features. A Phase Lock Loop (PLL) multiplex decoder assures maximum separation and minimum distortion on FM stereo broadcasts. And the FM muting and Muting Threshold control allows weak station reception or inter-station noise free tuning. A special feature is the "four channel ready" quadraxial output jack that, when attached to a decoding unit, will receive 4-channel broadcasts when approved. The Gyro-Touch tuning wheel and two illuminated tuning meters assure accurate optimum reception. Add to the precision performance, advanced FET and IC circuitry and you can see why the Model 115B is called versatile. After all, it's a Marantz.

Shown in optional WC-1 Walnut Cabinet.



MODEL 105B AM/FM STEREO TUNER



Marantz wanted to make a stereo tuner that was a cut above other brands, yet, at a price comparable. In a way, we failed ... because this costs less. The Model 105B has the same precision and quality as the other Marantz components. We've simply returned to the basics. You still get our exclusive Gyro-Touch tuning for accuracy. And the dual-purpose meter indicates best tuning position for optimum reception on AM or FM. Complete advanced FET and IC circuitry throughout assures superior, dependable performance. And the Quadradial output jack is there for any future developments in 4-channel FM broadcasting. There's also a built-in ferrite AM antenna, plus inputs for FM and external AM antenna. The 105B has the same gold-anodized front panel with complete complement of pushswitch selectors. There's even an optional hand-rubbed walnut cabinet to match. The Model 105B. Basically, Marantz at its best. But not too basically.

Shown in optional WC-10 Walnut Cabinet.

SPECIFICATIONS

AM/FM TUNERS	120B	115B	105B
FM Quieting Slope:			
RF Input for 30dB Quieting:	1.7 μ V	1.9 μ V	3.5 μ V
Quieting at 5 μ V RF Input:	55dB	55dB	42dB
Quieting at 10 μ V RF Input:	60dB	60dB	49dB
Quieting at 50 μ V Input:	70dB	70dB	55dB
Total Harmonic Distortion:			
Mono:	0.2%	0.3%	0.6%
Stereo:	0.3%	0.4%	0.8%
Selectivity: Alternate Carrier	80dB	60dB	48dB
Capture Ratio:	1.5dB	1.5dB	3.0dB
Stereo Separation: At 1kHz.	42dB	42dB	40dB
Spurious Rejection:	95dB	90dB	70dB
Image Rejection:	90dB	80dB	50dB
IF Rejection:	100dB	70dB	50dB
AM Suppression:	60dB	50dB	55dB
AM Sensitivity:	15 μ V	20 μ V	25 μ V

Models and specifications subject to change without notice.

THE DIFFERENCE . . .

How do you measure the difference between good and superior audio equipment? Specifications, certainly.

And performance has an even greater influence.

This is the art of science.

Yet beyond specs and performance, the difference is what goes into creating the final product.

This is the science of art.

It is the delicate balance of engineering and craftsmanship. Rigid testing and quality control.

The skill used, which assures a longer life and sustained performance of that audio component.

It makes all the difference in the world.

And that difference . . . Is Marantz.

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MARANTZ STEREO RECEIVERS.

Introducing A Tradition.

These are the systems which, to a large degree, have earned Marantz its reputation for professionalism. Here you will see five classic receivers. Classic, in the sense that they have become the most demanded receivers in their categories. Their appearance, as well as the realism of the music that springs from them, reaffirms their image. We do sound better. And we're sounding better all the time.

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MODEL 2270 AM/FM STEREO RECEIVER



Shown in optional WC-22 Walnut Cabinet.

Power hungry? The Model 2270 is a fulfilling experience. It delivers over 140 Watts continuous power, both channels driven, from 20 Hz to 20 kHz, with under 0.3% THD and IM distortion! The features are pretty powerful, too. The direct-coupled OCL amplifier, with automatic relay-operated speaker protection, continues the design tradition founded by Marantz years ago. Plus it offers exclusive Marantz touches, such as Variable Overlap Drive which automatically compensates for natural aging of internal components. This assures continued "like new" performance. There's Gyro-Touch Tuning for greater tuning accuracy. And with the hi and low filters unwanted high and low-frequency noise is reduced. There's complete facilities for monitoring two tape recorders, main and remote speaker switching, bass, mid-range and treble tone controls, and front panel tape dubbing jacks. Looking into the future the 2270 provides a Quadradial output jack for any future developments in 4-channel FM broadcasting. With gold-anodized front panel and two illuminated tuning meters the 2270 is a receiver that looks as great as it sounds.

MODEL 2245 AM/FM STEREO RECEIVER



For superb FM stereo, clean power, and sophisticated control, the moderately-priced Model 2245 is unmatched at its price. With professional quality, impressive specs, and features galore, the Model 2245 delivers more than 90 Watts continuous power, both channels driven, from 20 Hz to 20 kHz, with under 0.3% THD and IM distortion. Preamp control section includes: stepped three-zone tone controls for BASS, MID, TREBLE; provisions for two tape decks, phones, four-channel adaptors; ultra low noise, low distortion FET, RF, and IF circuitry; massive heat sinks; direct-coupled output circuitry, automatic protection for internal circuitry and associated speakers; plus gold-anodized front panel. Completely enclosed chassis in simulated walnut.

Shown in optional WC-22 Walnut Cabinet.

MODEL 2230 AM/FM STEREO RECEIVER



Best in it's class. With impressive specifications and Marantz-exclusive features, the Model 2230 offers more value and performance than any other receiver in its class. We've known that for years. But just recently, one of the nation's most respected independent consumer testing organizations verified it. In not just one, but two separate categories — features and performance. It delivers 60 Watts continuous power, both channels driven, from 20 Hz to 20 kHz with total harmonic and inter-modulation distortion well under 0.5%. Stepped, three-zone tone controls for BASS, MID, TREBLE. Provisions for tape decks, phones, record changers and 4-channel adaptors. Ultra low-distortion FET, RF and IF circuitry. Massive heat sinks; automatic protection for internal circuitry and associated speakers, plus the famous Marantz gold-anodized front panel. Looking for a moderately priced receiver? The Marantz 2230 out-does them all.

Shown in optional WC-22 Walnut Cabinet.

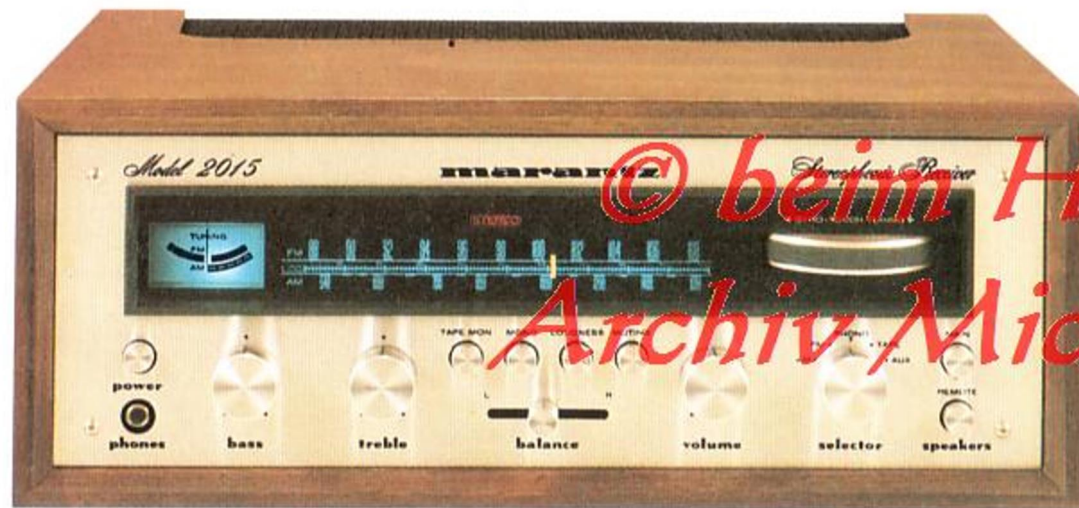
MODEL 2220 AM/FM STEREO RECEIVER



Shown in optional WC-22 Walnut Cabinet.

Investment... not expense. That's what you have when you own a Model 2220. It's loaded with features that feel like extras... without extra cost. The Gyro-Touch tuning wheel and illuminated signal strength meter assure accurate optimum reception. The low and hi filters reduce unwanted low and high-frequency noise. And the FM Muting eliminates inter-station noise when tuning. Power conscious? So is the 2220. With over 40 Watts continuous power, both channels driven, THD and IM distortion is under 0.5%. The fully automatic self-protective circuitry assures that all internal parts and associated speakers are safe from overload. And the completely enclosed metal chassis protects internal parts as well. The professional preamp control section includes provisions for record changer, tape decks and headphones, with precise control over virtually every audio variable. A built-in ferrite AM antenna is included, plus convenient speaker terminals and outlet for main and remote speakers. Put it all together and you have the 2220. The features, like the benefits, are made to last and last.

MODEL 2015 AM/FM STEREO RECEIVER



Shown in optional WC-10 Walnut Cabinet.

There was a time when some people said they could never afford a Marantz. That was before the Model 2015 came along. We call it the "something for everyone" model. It has all the traditional Marantz styling and quality — yet, it's priced where practically anybody can reach it. The 2015 simply combines all Marantz high-performance features into a smaller body. This way it's sized to fit any shelf or table . . . and just about any budget. And, technically speaking, the 2015 is a pro in every sense of the word. There's a total of over 30 Watts continuous power, both channels driven, with THD and IM distortion well under 0.9%. Complete with tape, phono and auxiliary inputs, as well as quick-connect output terminals for main and remote speakers. This precision-constructed unit also offers Gyro-Touch tuning for accurate reception; plus FM Muting pushswitch, which eliminates inter-station noise while tuning. There's also built-in ferrite AM antenna and advanced solid-state circuitry throughout. Compare features, performance and price. The 2015 beats all the others. And with Marantz the beat goes on . . .

SPECIFICATIONS

AM/FM TUNER	2270	2245	2230	2220	2015
FM QUIETING SLOPE:					
RF Input for 30dB Quieting:	1.9µV	2.0µV	2.0µV	2.1µV	2.8µV
Quieting at 5µV RF Input:	55dB	55dB	53dB	50dB	42dB
Quieting at 10µV RF Input:	60dB	60dB	57dB	56dB	49dB
Quieting at 50µV RF Input:	67dB	65dB	63dB	60dB	55dB
TOTAL HARMONIC DISTORTION:					
MONO:	0.15%	0.15%	0.15%	0.30%	0.60%
STEREO:	0.25%	0.30%	0.30%	0.50%	1.00%
SELECTIVITY: ALTERNATE CARRIER:	80dB	60dB	60dB	50dB	48dB
CAPTURE RATIO:	1.6dB	1.6dB	2.5dB	3.0dB	3.0dB
STEREO SEPARATION: At 1kHz:	42dB	42dB	42dB	40dB	32dB
SPURIOUS REJECTION:	95dB	95dB	90dB	65dB	45dB
IMAGE REJECTION:	90dB	80dB	70dB	50dB	35dB
IF REJECTION:	90dB	90dB	90dB	60dB	40dB
AM SUPPRESSION:	65dB	60dB	50dB	45dB	30dB
AM SENSITIVITY:	20µV	20µV	20µV	26µV	25µV

PRE-AMPLIFIER	2270	2245	2230	2220	2015
PHONO SECTION:					
Dynamic Range: Ratio of Input	96dB	96dB	96dB	93dB	93dB
Overload Voltage to Equivalent Noise					
Equivalent Noise Input:	1.5µV	1.5µV	1.5µV	2.2µV	2.2µV
Sensitivity and Impedance:	1.8mV	1.8mV	1.8mV	2.1mV	2.1mV
	47k Ohms	47k Ohms	47k Ohms	35k Ohms	35k Ohms
HIGH LEVEL: Input Sensitivity	180mV	180mV	180mV	180mV	150mV
and Impedance:	100k Ohms	100k Ohms	100k Ohms	100k Ohms	100k Ohms
TONE CONTROLS:					
Bass: 50Hz	±15dB	±15dB	±15dB	±12dB	±12dB
Mid: 700Hz	±6dB	±6dB	±6dB	—	—
Treble: 5kHz	±15dB	±15dB	±15dB	±12dB	±12dB
CONTRAST LEVEL AND IMPEDANCE:	1.0V	1.0V	1.0V	—	—
	900 Ohms	900 Ohms	900 Ohms	—	—
POWER AMPLIFIER	2270	2245	2230	2220	2015
POWER OUTPUT: Continuous Power at	140 Watts	90 Watts	60 Watts	40 Watts*	30 Watts*
8 Ohms at or Below Rated Distortion	(70/Ch)	(45/Ch)	(30/Ch)	(20/Ch)	(15/Ch)
20Hz to 20kHz, both Channels Driven.					
IM DISTORTION: At or Below Rated Power					
any Combination of Two Frequencies.	0.3%	0.3%	0.5%	0.5%	0.9%
THD: At or Below Rated Power, any					
Frequency 20Hz to 20kHz.	0.3%	0.3%	0.5%	0.5%	0.9%
FREQUENCY RESPONSE: 20Hz to 20kHz.	±0.25dB	±0.5dB	±0.5dB	±1.0dB	±1.0dB
POWER BANDWIDTH: IHF,	7-70kHz	7-70kHz	15-50kHz	15-50kHz	20-22kHz
Both Channels Driven.					
INPUT SENSITIVITY AND IMPEDANCE:	1.0V	1.0V	1.0V	—	—
	100k Ohms	100k Ohms	47k Ohms	—	—
DAMPING FACTOR:	59	55	50	45	40

Models and specifications subject to change without notice.

*40Hz to 20kHz.

STEREO 2 + QUADRADIAL 4 RECEIVERS AND COMPONENTS

Marantz brings you stereo today . . .

4-channel whenever you want it.

All of the Marantz systems in this section have one thing in common.

They're all designed with non-obsolescence guaranteed. They'll perform as stereo systems for as long as you like, plus they're four channel music makers that are ready for the future. And here are the features that will take you there . . .

Bridging Circuit. When used for conventional stereo, the front and rear amplifiers may be combined to produce more than twice the rated power per channel than their individual rated power.

Hidden Pocket. Accommodates optional SQ* or RM Decoders, or any future advance in 4-channel Matrix design.

Mode Switch. In addition to the mono and 2-channel positions, three others are included: discrete, for any discrete 4-channel source; SQ, plugged into the hidden pocket; and Vari-Matrix, which enhances any stereo program with the exciting 4-channel effect of a live performance.

The Marantz Stereo 2 + Quadradial 4 Music Systems. By investing in one today, you can say you're putting something away for the future.

*TM, CBS Labs, Inc.



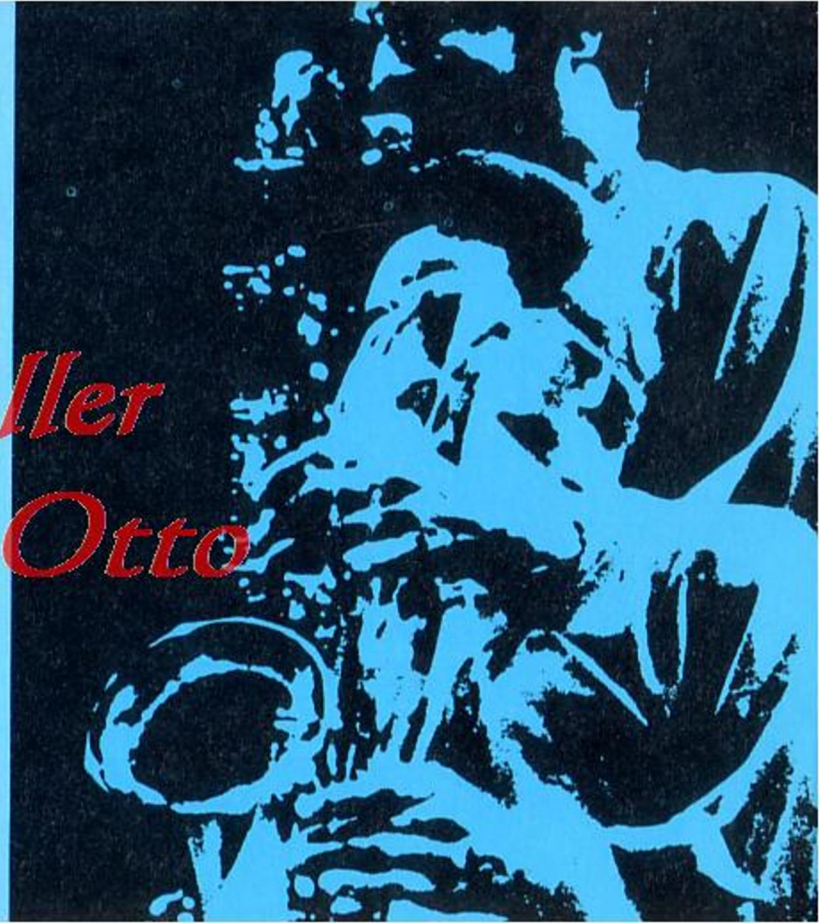
MARANTZ MAKES YOU A PRO ... WITH DOLBY*

Dolby Noise Reduction System. While filter circuits remove noise and hiss from any given program source, they also audibly alter the fidelity. The uniqueness of the Dolby system is that it reduces noise and hiss to an inaudible level without affecting the fidelity of the music. In tape, it allows recording at slower speeds with less noise and hiss, and more clarity than normally achieved at 7½ ips without Dolby. And on FM broadcasting, interference noise and static are reduced to a low level never before reached.

No longer is the Dolby system a luxury. It has virtually become the industry standard for noise reduction. And now Marantz has put the Dolby system where it will best serve you. In four of the Marantz receivers. So, you're no longer restricted in your choice of cassette or tape decks. No worry over purchasing an expensive external device that at best is cumbersome; and at worst, may have only limited application. And in the tradition of Marantz, the versatile Dolby circuit of today is designed to meet the technology of tomorrow.

*TM Dolby Labs, Inc.

© beim Hersteller
Archiv Michael-Otto





The Marantz Touch at its very best. The Model 4300 is the most powerful receiver available. Over 100 Watts per channel and stereo or more than 40 Watts per channel for Quadradial. And all well under 0.15% THD and IM from 20 Hz to 20 kHz. The 4300 is equipped with a versatile Dolby* Circuit for simultaneous recording and playback with any tape machine. It also offers precise decoding of any Dolby encoded FM broadcast, and is designed to work with future applications of the Dolby System. A Phase Lock Loop (PLL) multiplex decoder assures maximum separation and minimum distortion on FM stereo broadcasts, and a FM Quadradial output jack provides for future 4-channel broadcast developments. Separation of the tuner/pre-amplifier section from the main amplifiers allows you to use the 4300 with additional external power amplifiers or equalizing devices. Also, tape monitoring facilities for two 4-channel tape recorders are provided with the ability to dub from either one to the other. The 4300 also offers an outlet for convenient remote control so you never have to return to your receiver to adjust the sound. The features, like the quality, go on and on.

*TM Dolby Labs, Inc.

*© beim Hersteller
Archiv Michael-Otto*





MODEL 4270 RECEIVER STEREO 2 + QUADRADIAL 4

Exciting to hear. Exciting to own. That's the Marantz 4270. Here are some good reasons why. First, the Dolby* noise reduction circuit is included for use with tape, FM, or future applications. The 4-channel balance controls put all the music right where you want it. The Phase Lock Loop multiplex decoder is your assurance of precise stereo separation and minimum distortion on FM stereo broadcasts. And for precision reception, the Gyro-Touch tuning wheel and two illuminated meters are part of the package. As a stereo receiver you have over 140 Watts of continuous power into 2 channels, 100 Watts for that pure Marantz Quadradial sound. Distortion (THD and IM) remain well below 0.3%. Another feature is an outlet for our convenient remote control. In the tradition of the famous Marantz 2270, the 4270 is a product for today with it's eye on tomorrow.

*Shown in optional WC-42 Walnut Cabinet; *TM Dolby Labs, Inc.*

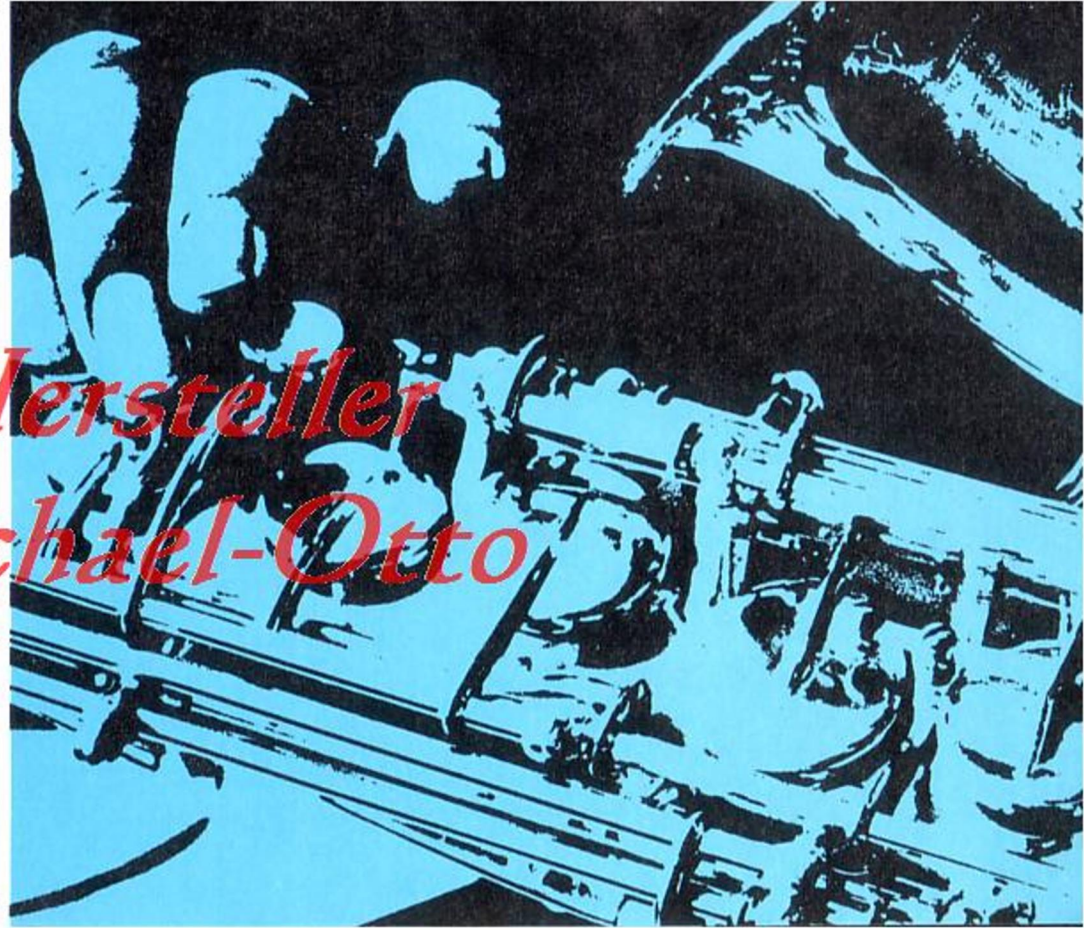




MODEL 4240 RECEIVER STEREO 2 + QUADRADIAL 4

Built with precision from the inside, out. The Model 4240 offers the most popular and practical features traditional of Marantz. Everything from Dolby* noise reduction to Gyro-Touch tuning to 4-channel balance controls. Plus the convenient remote control outlet for sound control when you want, where you want it. There's all the power you need with over 80 Watts for stereo or more than 68 Watts for that full Quadradial sound. And the music you hear is clear, crisp and vibrant. The loudness control switch boosts low and high frequencies so every nuance of your music is heard with "live performance" realism, even when played at low volume. The 4240 is a true Marantz. When you hear it, you'll understand why.

*Shown in optional WC-42 Walnut Cabinet. *TM Dolby Labs, Inc.*



MODEL 4230
RECEIVER STEREO 2
+ QUADRADIAL 4



*@ beim Hersteller
Archiv Michael-Otto*

For tomorrow the brother to the highly rated 2230 is available today in this versatile unit. Engineered and built with the same care and precision that earned a top rating for the earlier model, the 4230 continues the tradition of quality that to Marantz is a standard. To you it's assurance. With more than 60 Watts continuous power for stereo and over 48 Watts for 4-channel, the 4230 answers your call for power and performance at the best possible price. You get the Dolby* noise reduction circuit

and the 4-channel balance controls for precise placement of your music. There's the Gyro-Touch tuning wheel and two illuminated meters to aid in accurate FM tuning and reception. A remote control outlet is included for added convenience. With provisions for two tape recorders, plus the loudness and hi filter, that distinctive Marantz sound in the "all fashioned" 4230 proves it can't be beat for old fashioned value.

*Shown in optional WC-42 Walnut Cabinet. *TM Dolby Labs, Inc.*

MODEL 4220
RECEIVER STEREO 2
+ QUADRADIAL 4



The 4220 is the most economical of all Marantz Stereo/Quadradial receivers. But it doesn't compromise quality or craftsmanship. For example, the 4220 features SQ, with logic for decoding SQ records and tapes. And you don't have to worry about replacing your stereo collection either. An ambience circuit is included which gives stereo recordings the dramatic

4-channel effect of a live performance. There's still plenty of power to fill a room with that dynamic Marantz sound. Over 40 Watts for stereo and more than 32 Watts for Quadradial. Gyro-Touch tuning, 4-channel balance controls and loudness compensation are all exciting features which, combined, make the 4220 a bargain in anyone's book.

SPECIFICATIONS

AM/FM TUNER	4300	4270	4240	4230	4220
FM Quieting Slope:					
RF Input for 30dB Quieting:	1.8 μ V	1.9 μ V	1.9 μ V	2.8 μ V	2.8 μ V
Quieting at 5 μ V RF Input:	55dB	55dB	55dB	42dB	42dB
Quieting at 10 μ V RF Input:	60dB	60dB	60dB	49dB	49dB
Quieting at 50 μ V RF Input:	70dB	70dB	70dB	55dB	55dB
Total Harmonic Distortion:					
Mono:	0.2%	0.3%	0.3%	0.6%	0.6%
Stereo:	0.3%	0.4%	0.4%	1.0%	1.0%
Selectivity: Alternate Carrier:	75dB	60dB	60dB	48dB	48dB
Capture Ratio:	1.5dB	1.5dB	1.5dB	1.5dB	1.5dB
Stereo Separation: At 1kHz:	42dB	40dB	40dB	22dB	22dB

PRE-AMPLIFIER	4300	4270	4240	4230	4220
Phono Section:					
Dynamic Range: Ratio of Input Overload Voltage to Equivalent Noise:	96dB	95dB	99dB	93dB	93dB
Equivalent Noise Input:	1.5 μ V	1.9 μ V	1.9 μ V	2.2 μ V	2.2 μ V
Sensitivity and Impedance:	2.0mV 47k Ohms	2.0mV 47k Ohms	2.0mV 47k Ohms	1.8mV 47k Ohms	2.1mV 35k Ohms
High Level:					
Input Sensitivity and Impedance:	150mV 100k Ohms	150mV 100k Ohms	150mV 100k Ohms	180mV 120k Ohms	150mV 100k Ohms
Tone Controls:					
Bass: 50Hz:	$\pm$ 10dB	$\pm$ 10dB	$\pm$ 10dB	$\pm$ 10dB	$\pm$ 10dB
Mid: 700Hz:	$\pm$ 6dB	$\pm$ 6dB	—	—	—
Treble: 15kHz:	$\pm$ 10dB	$\pm$ 10dB	$\pm$ 10dB	$\pm$ 10dB	$\pm$ 10dB
Output Level and Impedance:	1.0 Volt 900 Ohms	1.0 Volt 900 Ohms	—	—	—

POWER AMPLIFIER	4300	4270	4240	4230	4220
Power Output: Continuous Power at 8 Ohms, at or Below Rated Distortion 20Hz to 20kHz. All Channels Driven.	100Wx2 40Wx4	70Wx2 25Wx4	40Wx2 17Wx4	*30Wx2 12Wx4	*20Wx2 8Wx4
Total Harmonic Distortion: At or Below Rated Power, any Frequency from 20Hz to 20kHz, all Channels Driven.	0.15%	0.3%	0.5%	0.5%	0.9%
IM Distortion: At or Below Rated Power, any Combination of Two Frequencies Between 20Hz and 20kHz, all Channels Driven.	0.15%	0.3%	0.5%	0.5%	0.9%
Frequency Response: High Level Input, from 20Hz to 20kHz:	$\pm$ 0.25dB	$\pm$ 0.5dB	$\pm$ 1dB	$\pm$ 1dB	$\pm$ 1dB
Power Bandwidth: IHF, all Channels.	7Hz to 70kHz	8Hz to 60kHz	10Hz to 60kHz	15Hz to 50kHz	20Hz to 22kHz
Input Sensitivity and Impedance:	1.0 Volt 33k Ohms	1.0 Volt 33k Ohms	—	—	—
Damping Factor: At 8 Ohms.	50	40	40	40	30

*40Hz to 20kHz.

Models and specifications subject to change without notice.

MODEL 4140 STEREO 2 + QUADRADIAL 4 AMPLIFIER



Outside, the Model 4140 combines fashion and function. Inside it's all guts. All the power you'll ever need is right there, any way you want to use it...over 70 Watts per channel as an integrated stereo amplifier, or flip the power mode switch for vibrant Quadradial sound...more than 25 Watts per channel. Var-Matrix with dimension control is included along with the provision for the convenient Marantz Remote Control. The 4-channel balance controls give a variety of sound placement anywhere in your listening area. There's complete facilities for everything including two four-channel tape recorders with dubbing back and forth, a CD-4* adaptor, our inexpensive matrix decoders, 4-channel scope, and separate pre-out — main in jacks. With all the exciting Marantz features and accessories you'll find the beauty of the 4140 is more than skin deep.

*TM, Victor Co. of Japan.

Shown in optional WC-1 Walnut Cabinet.

MODEL 4070 STEREO 2 + QUADRADIAL 4 AMPLIFIER



You may be surprised to learn the Marantz 4070 costs so much less than the 4140. When you consider that you still get the Vari-Matrix with dimension control, plus the complete 4-channel balance controls. The mode switch includes five selections (mono, 2-channel, discrete, SQ Decoder and Vari-Matrix) so you can play your stereo records as you've never heard them before. The main difference between the 4070 and big brother, is power. The 4070 offers over 35 Watts per channel for stereo, and over 15 Watts per channel for Quadradial. But it's still more than enough power to fill a whole house with that exciting Marantz 4-channel sound. Anyway you look at it, or listen to it, the Marantz 4070 is a chip off the old 4140 block.

Shown in optional WC-10 Walnut Cabinet.

MODEL 4000 PRE-AMP ADAPTOR



Designed to compliment any existing Marantz pre-amps or integrated amplifiers, but engineered to accommodate any high quality stereo system, Marantz has created the Model 4000. By adding the 4000, a 2-channel power amp, plus two additional speakers to your system... you'll have Quadradius sound at its room-filling best. And you also have a greater variety of controls and features. The 4000 is your control center for volume, balance, mode and features rear channel tone controls. And your existing pre-amp controls are completely operable. On the 4000 you get all the outstanding Marantz Quadradius features: Vari-Matrix, balance controls, low and hi-filters, 4 illuminated meters and the convenient remote control output. Plus you get switching for both main and remote 4-channel speaker systems and, of course, our exclusive matrix decoder pocket. With all the Marantz styling and precision, the 4000 works hard — so you can take it easy.

Shown in optional WC-2 Walnut Cabinet.

MODEL 2440 STEREO 2 + QUADRADIAL 4 ADAPTOR-AMPLIFIER



What makes the Model 2440 so special? Well, if you have a stereo system and are thinking about adapting it for Quadradial sound, the Marantz 2440 is your answer. By adding two speakers for rear channels, the 2440 adapts any stereo system with tape monitor circuits to dynamic 4-channel sound. And it does it with ample power and precision. Over 20 Watts per channel with distortion less than 0.3%. All the best Marantz Quadradial features are part of the 2440. There's the mode switch with five selections, including Vari-Matrix with dimension control. The 4-channel balance controls, four illuminated meters, plus the convenient remote control output all go into making the 2440 a versatile and worthwhile addition to your stereo system.

Shown in optional WC-22 Walnut Cabinet.

SPECIFICATIONS

PRE-AMPLIFIER	4140	4070	2440	**4000
Phono Section:				
Dynamic Range: Ratio to Input Overload	96dB	93dB	—	—
Voltage to Equivalent Noise:	1.9 μ V	1.9 μ V	—	—
Equivalent Noise Input:	1.8mV	2.0mV	—	—
Sensitivity and Impedance:	47k Ohms	47k Ohms	—	—
High Level:	180mV	150mV	180mV	180mV
Input Sensitivity and Impedance:	100k Ohms	100k Ohms	100k Ohms	100k Ohms
Tone Controls:				
Bass: 50Hz.	± 10 dB	± 10 dB	± 14 dB	± 10 dB
Mid: 700Hz.	± 6 dB	—	—	—
Treble: 15kHz.	± 10 dB	± 10 dB	± 12 dB	± 10 dB
Output Level and Impedance:	1.0 Volt 900 Ohms	1.0 Volt 900 Ohms	Frt. 100mV Rear 2.1V	Frt. variable Rear 2.1V

*40Hz to 20kHz. **Pre-Amplifier only.

Models and specifications subject to change without notice.

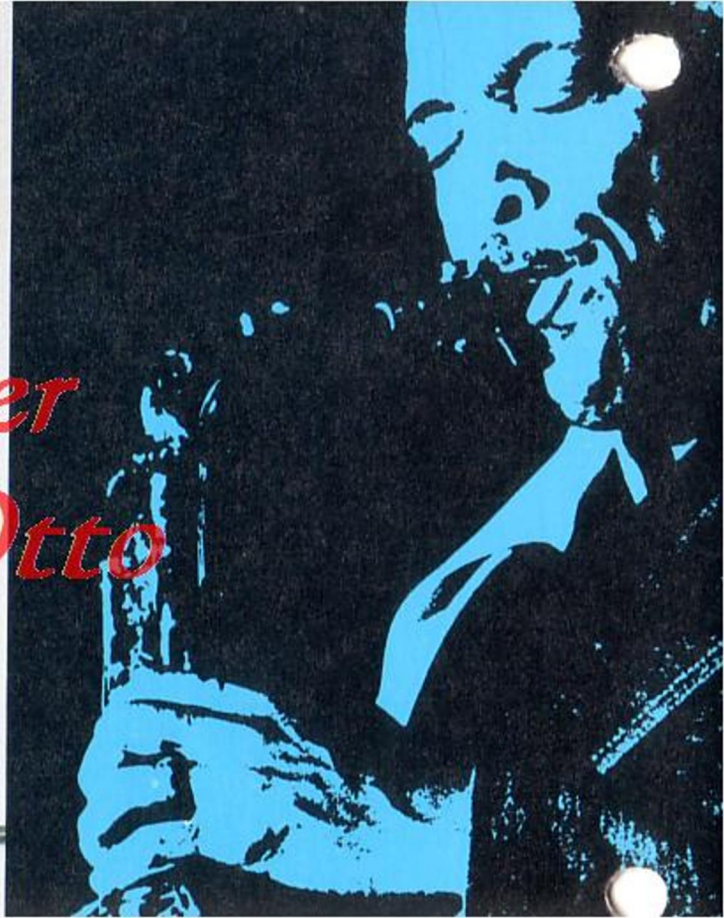
POWER AMPLIFIER	4140	4070	2440	**4000
Power Output: Continuous Power at 8 Ohms, at or Below Rated Distortion 20Hz to 20kHz. All Channels Driven.	70Wx2 25Wx4	35Wx2 15Wx4	20Wx2 —	— —
Total Harmonic Distortion: At or Below Rated Power, any Frequency from 20Hz to 20kHz, all Channels Driven.	0.3%	0.5%	0.3%	—
IM Distortion: At or Below Rated Power, any Combination of Two Frequencies between 20Hz and 20kHz, all Channels Driven.	0.3%	0.5%	0.3%	—
Frequency Response: 20Hz to 20kHz	$\pm .5$ dB	$\pm .5$ dB	$\pm .5$ dB	$\pm .5$ dB
Power Bandwidth: IHF, all Channels.	7Hz to 70kHz	10Hz to 60kHz	10Hz to 50kHz	—
Input Sensitivity and Impedance:	1.0 Volt 33k Ohms	1.0 Volt 33k Ohms	— —	— —
Damping Factor: At 8 Ohms.	40	40	40	—

MODEL CD-400 DISCRETE DISC DEMODULATOR

Now you can listen to all CD-4 records with the same vibrant effect with which they were created. With the CD-400 you get the very latest in CD-4 technology including Phase Lock Loop for the 30kHz carrier signal. This, combined with the built-in noise reduction circuits for each channel, provides low distortion and fine signal-to-noise ratio. This unit comes with complete rear channel calibration controls and CD-4 calibration disc. And the CD-400 keeps track of your music with the built-in CD-4 radar switch, which indicates when a CD-4 record is being played. Adapt this unit easily and economically to any 4-channel system for the excitement of full 4-channel the way you want—whenever you want it.



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Archiv Michael-Otto*



MODEL SQA-1 SQ MATRIX DECODER

The best thing about the SQA-1 is the practicality. You still get front-to-rear logic, and that improves the separation of your music between the front and rear channels. But more, in case of future Matrix developments (or if you decide to upgrade your system with big brother, the SQA-2), you simply and economically replace the SQA-1 Decoder — not your whole unit. In this world of planned obsolescence and exorbitant repair bills it's nice to have a big worker that doesn't cost a small fortune.

MODEL SQA-2 SQ MATRIX DECODER

The SQA-2 is the last word in 4-channel. And it's an inexpensive investment in the sound of the future. This Marantz SQ Decoder features full logic enhancement for up to 20dB separation of sound between channels. With it, your SQ encoded records can be heard with the dynamic effect of vibrant 4-channel sound — Marantz sound. And you get something extra. Non-obsolescence guaranteed. So, you're one step ahead of the technology of tomorrow. Think of the SQA-2 as the system that beats the system.

MODEL RC-4 QUADRADIAL REMOTE CONTROL

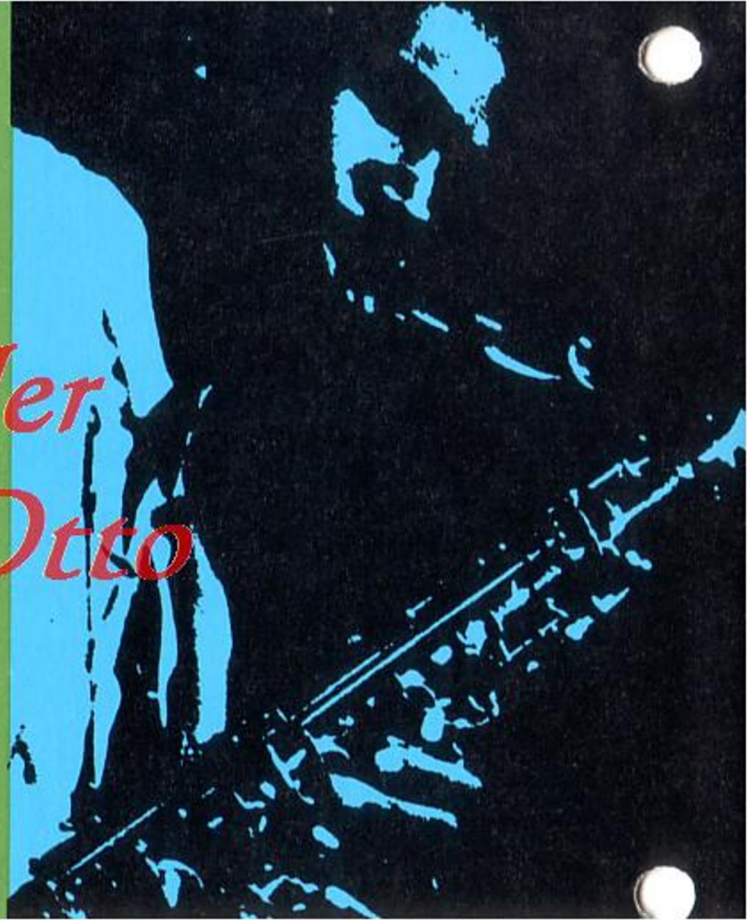
Introducing the spoiler. Put a stack of records on your turntable, switch on your Marantz, then plunge into that over-stuffed easy chair and let the 4-channel sound carry you away. From song to song... Bach to Bacharach, you never have to move from that spot to change volume, balance or loudness compensation. Just plug the RC-4 into a Marantz Stereo 2+ Quadradial 4 unit and go anywhere the 15-foot cord will take you. And you can put that music anywhere you want it. The RC-4. It makes the good life just a little bit better.

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WHO CHECKS THE CHECKER?

Or better, what is Quality Control? QC is one of the main reasons Marantz is a cut above other lines. Inspecting, checking, testing, re-testing . . . and "re"-retesting every element of each unit assembled is the Marantz way of doing things. And here's how it works. For example, when all individual transistors and other components arrive at the Marantz factory they are checked both visually and electronically. Upon passing inspection, they are assembled on a circuit board and again checked visually and electronically. Once approved, each circuit board is matched to another circuit board and electronically adjusted for maximum performance. This final version of the circuit board combination is then hand-assembled into a finished product. Almost. The assembled product is then sent to the Quality Assurance Station where some of the pickiest professionals in the business try their hardest to find something wrong with it. If they can't, and this unit meets all final specifications, then it's ready for you. Nothing less than this finished unit will ever get that far. And to you, this simply means . . . the true cost of a Marantz is more than paid back in years of trouble-free performance.

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HEARING IS A NATURAL PROCESS. LISTENING IS AN ART ...

We would like you to know the difference. Have you ever really listened to what your speakers are saying? Does that music really touch you? Do you feel the mystifying sensations of the instruments and voices reaching out for you? You should. Provided the rest of your audio system is adequate, your speakers can make all the difference in the world. It is the speakers that carry the message to you. That melodic message that spells the difference between the art of listening ... and simply hearing. Knowing that difference is knowing Marantz. And, once you've listened to Marantz speakers, you'll never go back to just hearing again.

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IMPERIAL 9 FLOOR-STANDING SPEAKER SYSTEM

The Imperial 9 consists of two 10" woofers, four mid-range speakers and two tweeters in the array. It also incorporates a superior two position crossover with variable controls. A word about the crossover network. In creating the Imperial 9, Marantz engineers constructed a tri-amplified (one amplifier each for woofer, mids and tweeters) reference speaker. Using this reference speaker as the standard for optimum sound quality, a crossover network was then designed for the Imperial 9 to best match the tri-amplified system. The end-result of our engineers' efforts was a speaker system so efficient, so precise that the difference was impossible to detect. The air-coupled array of the Imperial 9 is symmetrical in design, making "mirror imaging" possible. This feature, combined with the fine quality hand-rubbed walnut cabinetry, makes the Imperial 9 one of the best sounding (and looking) speakers available today at any cost.

Frequency Response: 30Hz to 20kHz ± 3 dB • Sensitivity: 97dB (1 Watt, 1kHz @ .5 Meter) • Power Rating: 100 Watts RMS (150 Watts Program) • Distortion Under: 0.5% 100dB SPL @ .5 Meter, Average of 50/500/5,000/12,500Hz 2nd and 3rd Harmonics • Impedance: 8 Ohms • Dimensions: 30½" H x 24" W x 18" D



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IMPERIAL 8 FLOOR-STANDING SPEAKER SYSTEM



The Imperial 8 incorporates the finest of transducer design features. A 12" woofer provides bass response to 40 Hz ± 2 dB. And the Imperial 8 is in a class by itself with the rotatable air-coupled array, consisting of three mid-range transducers and two tweeters. This air-coupled array is a major breakthrough in mid-range and tweeter design configurations. With it, less air pressure is placed on the individual cones. The result? Transducers that perform with higher efficiency . . . and much lower distortion. What is a rotatable array? Just as it says, the array can be rotated in such a manner to match speakers with a "mirror image" . . . so essential for proper sound image and dispersion. The Imperial 8 has a variable density woofer design with a four-layer voice coil to boost efficiency. The tweeter is constructed to handle high power with ultra-low distortion. Combined, they reproduce a wide and natural sounding frequency range.

Frequency Response: 30Hz to 20kHz ± 5 dB • Sensitivity: 97dB (1 Watt, 1kHz @ .5 Meter) • Power Rating: 75 Watts RMS (125 Watts Program) • Distortion Under: 0.5% 100dB SPL @ .5 Meter. Average of 50/500/5,000/12,500Hz 2nd and 3rd Harmonics • Impedance: 8 Ohms • Dimensions: 27" H x 18 $\frac{3}{4}$ " W x 14 $\frac{1}{2}$ " D



IMPERIAL 7
Three-Way Bookshelf
System — 12" Woofer,
3½" Mid-Range,
1¾" Tweeter

Frequency Response:
 $\pm 5\text{dB}$, 4Hz to 20kHz
 Frequency Range:
 30Hz to 20kHz
 Power Rating:
 100 Watts Integrated
 Program Material
 Controls:
 Three-Position High-
 Frequency Level Selector
 Switch; Three-Position
 Mid-Range Level Selector
 Switch
 Nominal Impedance:
 8 Ohms
 Dimensions: 25½"H x
 14¼"W x 11½"D
 Weight: 45 lbs.

IMPERIAL 6-G
Two-Way Bookshelf
System — 10" Woofer,
2" Tweeter

Frequency Response:
 $\pm 5\text{dB}$, 40Hz to 18kHz
 Frequency Range:
 35Hz to 20kHz
 Power Rating:
 100 Watts Integrated
 Program Material
 Controls:
 Three-Position High-
 Frequency Level
 Selector Switch
 Nominal Impedance:
 8 Ohms
 Dimensions:
 25½"H x 14¼"W x
 11½"D
 Weight: 40 lbs.

*Also available: Imperial 6 with
 attractive cloth grille.*





IMPERIAL 5-G
Two-Way Bookshelf
System — 8" Woofer,
3½" Tweeter

Frequency Response:
 $\pm 5\text{dB}$, 45Hz to 16kHz

Frequency Range:

35Hz to 20kHz

Power Rating:

40 Watts Integrated

Program Material

Controls:

Three-Position High-

Frequency Level Selector

Switch

Nominal Impedance:

8 Ohms

Dimensions:

23"H x 12"W x 9½"D

Weight: 23½ lbs.

Also available: Imperial 5 with attractive cloth grille.

IMPERIAL 4-G
Two-Way Bookshelf
System — 8" Woofer,
1¾" Tweeter

Frequency Response:

$\pm 5\text{dB}$, 60Hz to 15kHz

Frequency Range:

40Hz to 18kHz

Power Rating:

40 Watts Integrated

Program Material

Nominal Impedance:

8 Ohms

Dimensions:

19½"H x 11¼"W x

8½"D

Weight: 20 lbs.



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MARANTZ HEADPHONE SYSTEMS.

The Private Ear.

Marantz offers two very good ways to get away from it all without getting away from it all. Music can be a very personal experience and there are times when you want to keep it to yourself. That's the time for Marantz Headphones.

Or you want to imagine you're front row center at the Music Center where you can become consumed in the music you're listening to. That's the time for Marantz Headphones. There's a little dreamer in all of us. So, you may want to dream you're a famous recording artist . . . or just drift off to your own little world. Take some Marantz Headphones along. They'll keep you company.



MODEL SE-1S ELECTROSTATIC HEADPHONE SYSTEM

There is no argument. The electrostatic headphone reproduces music better than any other conventional headphone can. Now Marantz introduces the SE-1S. The best of the finest. What makes the SE-1S the best? Lack of distortion. Here's why. Electrostatic transducers are better than the standard cone-type. Because the material of the electrostatic is extremely precise in consistency and low in mass. This *low mass membrane* is only about three ten-thousandths of an inch thick! So naturally it reacts to all audio signals in a much more uniform manner. Because of their heavier mass, regular cone transducers respond and move in a sometimes radical motion. They cannot "track" the incoming audio signals as precisely as a transducer with less inertia. This inability to "track" results in transient distortion. The precise movement of the SE-1S transducer eliminates

most of this distortion. The result? Unequalled frequency response. And the full dynamic range of the music you're into. In addition, higher sound pressure levels can be reached at much lower frequencies. The SE-1S is powered by the EE-1 low distortion energizer. With built-in speaker/headphone switching. Ultimate convenience. Even an output for an additional set of electrostats (SE-1HP). And the energizer's easy on your ears, too. The protective circuit automatically regulates to a safe level extremely loud passages and quietly turns off if severely over-driven. So you can safely play your music as loud as you like. And it's so lightweight you can listen for hours without feeling weighed down. Marantz makes headphones the way they make everything. To last and last. Prove it to yourself. The SE-1S is really something to be heard from.

MODEL SD-5 DYNAMIC HEADPHONE SYSTEM

The non-identical twin. The SD-5 is identical in appearance to the SE-15. And that's where the resemblance ends. Since both systems share the same mold, more of the cost of producing the SD-5 was devoted to design and quality of its dynamic transducers. This is where Mylar comes in. The Mylar diaphragm material is significantly lower in mass than conventional paper cone-type transducers. Thus, lower mass equals lower transient distortion. And it improves transient response. With the curvilinear shape of the SD-5 diaphragm, frequency response is extended, too. And Mylar is so strong it's virtually impossible to destroy the diaphragm with high level audio signals. Another feature designed to keep the distortion down is the SD-5 voice coil. *Free form*, we call it. Because it's structurally self-supporting this further reduces the mass consistency. This gives the SD-5 excellent high-end response. You can wear the SD-5 for as long as you want to listen without experiencing pressure or discomfort. That's thanks to the soft ear cushion, designed with a tailored acoustical seal for a fit that feels like it was made for you. As for the music it makes? Hear for yourself. The SD-5 has a sound all its own.



Marantz Three Year Parts and Labor Warranty

Marantz Company, Inc., proudly warrants your Marantz product to be free of manufacturing defects in material and workmanship as follows:

From date of purchase

Electronic Components and Receivers PARTS - 3 years
LABOR - 3 years

Headphones PARTS - 3 years
LABOR - 3 years

4-Channel Remote Control PARTS - 3 years
LABOR - 3 years

Decoders and Demodulators PARTS - 3 years
LABOR - 3 years

Speakers and Cabinets PARTS - 5 years
LABOR - 5 years

TO VALIDATE YOUR WARRANTY, YOU MUST FILL OUT AND MAIL THE WARRANTY REGISTRATION CARD TO MARANTZ COMPANY, INC., P.O. BOX 99, SUN VALLEY, CALIFORNIA 91352, WITHIN TEN DAYS FOLLOWING THE DATE OF PURCHASE.

For Warranty repair, send this product to Marantz Company, Inc., 8150 Vineland Avenue, Sun Valley, California 91352, or to an AUTHORIZED Marantz Service Station. All shipping charges must be prepaid, Marantz will pay return shipping charges to any designated point within the United States.

This Warranty is void if the serial number has been altered or removed; if the product is modified or repaired in any manner which Marantz believes may affect the reliability of the product; if the product is not operated in accordance with the instruction manual.

Marantz shall have no liability whatsoever for consequential damages. The sole responsibility of Marantz Company, Inc., under this Warranty shall be limited to the repair of the product, or replacement thereof, in the sole discretion of Marantz Company, Inc.

EXCEPT TO THE EXTENT THAT APPLICABLE LAW PRECLUDES A DISCLAIMER OF WARRANTY, THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS WITH RESPECT TO THIS PRODUCT, NOR ARE THERE ANY OTHER WARRANTIES WHICH EXTEND BEYOND THE PROVISIONS OF THIS WARRANTY.

*@beim Hersteller
Archiv Michael-Otto*

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