

Tech Sheet

2325 AM/FM STEREO RECEIVER



Shown with optional WC-43 walnut cabinet.

- 125 Watts Minimum RMS per channel, at 8 Ohms, from 20 Hz to 20 kHz, with no more than 0.15% Total Harmonic Distortion.
- Built-In Dolby Noise Reduction System.*
- Phase-Lock-Loop FM Multiplex Demodulator.
- Direct-Coupled (Full Complementary) Output Amplifiers.
- Variable Frequency Tone Control Turnover Points and Mid-Range Tone Control — separate for each channel with eleven detented positions for easily repeatable settings.
- Complete facilities for two Tape Recorders with the ability to “dub” from either one to the other.
- Versatile Mode Switch for Left, Right, Stereo, Stereo Reverse and Mono.
- Multipath/Signal Strength Meter.

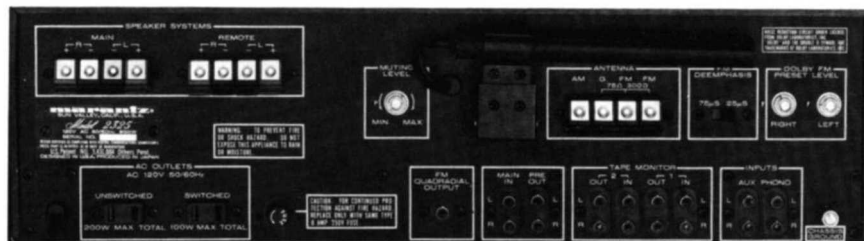
*TM, Dolby Laboratories, Inc.

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We sound better.

2325

AM/FM

STEREO RECEIVER



To say the new Marantz Model 2325 is the very finest receiver in the world would be an exercise in understatement. Think of it. Built-in Dolby Noise Reduction System*, Phase-Lock-Loop FM Multiplex Demodulator, Variable Turnover Tone Controls. Every audiophile desire and more has been thoughtfully and carefully incorporated into this magnificent instrument. 125 Watts minimum RMS power per channel, at 8 Ohms, from 20Hz to 20kHz, with no more than 0.15% Total Harmonic Distortion provides performance that can only be equaled by the very finest separate components. And versatility-plus. The built-in Dolby system is designed with tomorrow in mind, and may be applied to any signal source. FM broadcast and tape recording are already benefiting from its application, but what about records or even AM broadcasts? The 2325 is ready. You can even use it today as a Variable Dynamic Noise Filter to remove undesirable hiss, static, and scratchiness from non-Dolby encoded material. The Phase-Lock-Loop Multiplex Demodulator provides up to 42dB channel separation on FM stereo broadcasts with an absolute minimum of distortion. Plus, there's a Multipath Indicator to help you rotate your antenna for the best possible signal. The features, like the performance, go on and on. Make your comparison today. The 2325 is by far the very finest stereo receiver ever manufactured.

MARANTZ 3-YEAR PERFORMANCE WARRANTY

Marantz Co., Inc. guarantees to the original registered owner that all parts will be free from operating defects and that performance will be within printed specifications for three years from purchase date, except oscilloscope tubes which are guaranteed for 90 days. Product will be repaired or replaced free of charge in the sole discretion of Marantz in the country of purchase, provided it was purchased from an authorized dealer. The serial number cannot be altered or removed. Product must be serviced by authorized Marantz repair technicians only.

The following are guaranteed against manufacturing defects in material and workmanship only, for the periods listed: Speakers and cabinets, 5 years; Headphones and other accessories, 3 years.

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P.O. BOX 99, SUN VALLEY, CALIFORNIA 91352

SPECIFICATIONS:

POWER AMPLIFIER

Minimum continuous average output per channel, all channels driven 125 Watts

Power Band 20Hz-20kHz

Total Harmonic Distortion .15%

Load Impedance 8 Ohms

IM Distortion (S.M.P.T.E. method) .15%

Frequency Response, High Level Input, @ 1 Watt Output 20Hz-20kHz $\pm$.25dB

Input Sensitivity and Impedance 1.0V 100kOhms

Damping Factor 70

PRE-AMPLIFIER

PHONO SECTION:

Dynamic Range: Ratio of Input

Overload Voltage to Equivalent Noise 96dB

Equivalent Noise Input: 1.5 μ V

Sensitivity and Impedance: 1.8mV 47kOhms

HIGH LEVEL:
Input Sensitivity and Impedance 180mV 100kOhms

TONE CONTROLS:
Bass: 50Hz $\pm$ 15dB
Mid: 700Hz $\pm$ 6dB
Treble: 15kHz $\pm$ 15dB

OUTPUT LEVEL AND IMPEDANCE: 1.0V 900ohms

AM/FM TUNER

FM QUIETING SLOPE:

RF Input for 30dB Quieting: 1.8 μ V

Quieting at 5 μ V RF Input: 55dB

Quieting at 10 μ V RF Input: 60dB

Quieting at 50 μ V RF Input: 70dB

TOTAL HARMONIC DISTORTION:

MONO: .15%

STEREO: .3%

SELECTIVITY: ALTERNATE CARRIER 80dB

CAPTURE RATIO: 1.25dB

STEREO SEPARATION AT 1kHz: 42dB

SPURIOUS REJECTION: 100dB

IMAGE REJECTION: 100dB

IF REJECTION: 100dB

AM SUPPRESSION: 65dB

AM SENSITIVITY: 20 μ V

19-5/16"W x 5 3/4" H x 15-3/16"D

49.5 Pounds Unit Weight

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