

Tech Sheet

2275

AM/FM STEREO RECEIVER



Shown with optional WC-22 walnut cabinet.

- 75 Watts Minimum RMS per channel, at 8 Ohms, from 20 Hz to 20 kHz, with no more than 0.25% Total Harmonic Distortion.
- Phase-Lock-Loop FM Multiplex Demodulator.
- Variable Frequency Tone Control Turnover Points and Mid-Range Tone Control — separate for each channel with eleven detented positions for easily repeatable settings.
- Direct-Coupled (Full Complementary) Output Amplifiers.
- Dolby* FM (75 μ S/25 μ S) De-Emphasis Switch.
- Complete facilities for two Tape Recorders with the ability to "dub" from either one to the other.
- Front panel Tape Dubbing Jacks.
- Multipath/Signal Strength Meter.

* TM, Dolby Laboratories, Inc.

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We sound better.

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For over three years the Marantz 2270 was the standard by which all others compared their receivers. Today, its successor, the 2275 carries that comparison one step further. With 75 Watts minimum RMS power per channel, at 8 Ohms, from 20Hz to 20kHz, with no more than 0.25% Total Harmonic Distortion, this receiver continues the excellence of its predecessor. The 2275 boasts of a Phase-Lock-Loop FM Multiplex Demodulator to assure maximum separation with a minimum of distortion. The Multipath Indicator tells you the best position of your FM antenna. The Variable Turnover Tone Controls provide a flexibility for contouring the sound that is far superior to anything previously available. Plus, there's a unique Dolby De-emphasis Switch for use with an external adaptor — to accommodate Dolby FM broadcasts. There are complete facilities for two tape recorders with the ability to "dub" from either one to the other. And the pre-out main-in jacks permit convenient use of any external device such as an equalizer or electronic cross-over. The direct-coupled full complementary amplifier output circuitry assures crystal clear highs and solid lows. The entire package is backed up with a full three year parts, labor and performance guarantee.

**TM, Dolby Laboratories, Inc.*

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

75 Watts

Power Band

20Hz-20kHz

Total Harmonic Distortion

.25%

Load Impedance

8 Ohms

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

.25%

Frequency Response, High Level Input, @ 1 Watt Output

20Hz-20kHz
±25dB

Input Sensitivity and Impedance

1.0V
100kOhms

Damping Factor

60

PRE-AMPLIFIER

PHONO SECTION:

Dynamic Range: Ratio of Input

Overload Voltage to Equivalent Noise

96dB

Equivalent Noise Input:

1.5µV

Sensitivity and Impedance:

1.8mV
47Kohms

HIGH LEVEL:

Input Sensitivity and Impedance

180mV

TONE CONTROLS:

Bass: 50Hz

100Kohms

Mid: 700Hz

±15dB

Treble: 15kHz

±6dB

OUTPUT LEVEL AND IMPEDANCE:

1.0V
900ohms

AM/FM TUNER

FM QUIETING SLOPE:

RF Input for 30dB Quieting:

1.9µV

Quieting at 5µV RF Input:

55dB

Quieting at 10µV RF Input:

60dB

Quieting at 50µV RF Input:

70dB

TOTAL HARMONIC DISTORTION:

MONO:

.25%

STEREO:

.35%

SELECTIVITY: ALTERNATE CARRIER

80dB

CAPTURE RATIO:

1.5dB

STEREO SEPARATION AT 1kHz:

42dB

SPURIOUS REJECTION:

100dB

IMAGE REJECTION:

100dB

IF REJECTION:

100dB

AM SUPPRESSION:

60dB

AM SENSITIVITY:

20µV

17-5/16" W x 5 3/8" H x 14 3/8" D

37.9 Pounds Unit Weight