

330BAM/FM/Stereo FM
solid state receiver

**A new edition
of the world's
most popular receiver**

The 330B receiver consists of a pre-amplifier, an amplifier and an AM/FM stereo tuner combined in a single unit. When connected to a turntable and speakers, it provides excellent AM, FM and stereo FM reception plus remarkable reproduction of your records. If you desire, you may also connect any or all of the following: A tape deck (reel-to-reel, cassette or cartridge), earphones or a second set of speakers.

The Harman/Kardon 330B (as did its predecessors) opens up the world of true high fidelity to music lovers who can afford but a modest outlay for equipment. Careful attention to every detail assures listeners that they have an instrument that delivers music with the fidelity and drama of the original performance.

Here's a statement we make with confidence: The 330B offers a direct challenge to competitive receivers costing much more. It provides increased power, increased sensitivity and ultra-wideband sound, without an increase in price! The 330B's sound is clean, transparent and sharply defined so that you not only hear the difference . . . you literally feel it.

And for good reason.

Careful laboratory and listening tests have shown that the realism of sound you hear is enhanced when frequencies below 20Hz and beyond 20 kHz are faithfully reproduced. Most amplifier designs neglect these frequencies on the theory that the ear cannot hear them. At Harman/Kardon, we deliberately design our amplifier circuits to accurately reproduce frequencies well below and above these "limits." The result of this wideband approach is clearly superior sound.

The 330B reaches levels of excellence never before attainable at such modest cost.

harman/kardon

330B Specifications

AMPLIFIER SECTION

Power Output:	20/20 watts, CONTINUOUS, both channels driven into 8 ohms, at 1kHz, at 0.5% THD, measured at 120 VAC.
Power Bandwidth:	From less than 25Hz to beyond 20kHz into 8 ohms at less than 1.0% THD.
Total Harmonic Distortion:	Less than 0.5%.
Intermodulation Distortion:	Less than 0.5% from 1 watt to full power.
Hum and Noise:	Better than 75dB below rated output (unweighted)
Damping Factor:	30:1
Frequency Response:	From below 20Hz to beyond 20kHz ± 1.0 dB at normal power levels.
Square Wave Rise Time:	Better than 5 microseconds.
Stability:	Absolutely stable with all types of speakers.
Tone Control Range:	Bass: 12dB boost and cut at 50Hz. Treble: 12dB boost and cut at 10kHz. (error: ± 1.5 dB at flat setting)
Phono Input:	Sensitivity — 3.3mV Overload — 70mV Hum and Noise — 55dB below rated output (unweighted) Impedance — 47,000 ohms RIAA equalization — ± 1.5 dB
Auxiliary Input:	Sensitivity — 200mV Overload — related to volume control setting Hum and Noise — 60dB below rated output (unweighted) Impedance — 20,000 ohms
Contour Effect:	± 10 dB at 50Hz, 40dB below full output.
TUNER SECTION	
FM Sensitivity:	2.5 microvolts (IHF)
Ultimate Signal to Noise:	60dB
Capture Ratio:	3dB
Image Rejection:	40dB
Spurious Response Rejection:	60dB
De-emphasis:	75 microseconds ± 1.5 dB
IF Rejection:	60dB
AM Rejection:	50dB
Multiplex Separation:	25dB at 1kHz
Total Harmonic Distortion:	mono: 1.0% stereo: 1.5%
Alternate Channel Selectivity:	50dB
Antenna Input:	300 Ω
AM Sensitivity:	350 microvolts/meter
Image Frequency Rejection:	-40dB
IF Rejection:	-70dB
Selectivity:	50dB (at ± 400 kHz)
Dimensions:	15 $\frac{3}{8}$ " W x 13" D x 4 $\frac{1}{2}$ " H [38.7cm W x 33.0cm D x 11.4cm H]
Weight:	21 pounds (9.45kg) WALNUT ENCLOSURE OPTIONAL