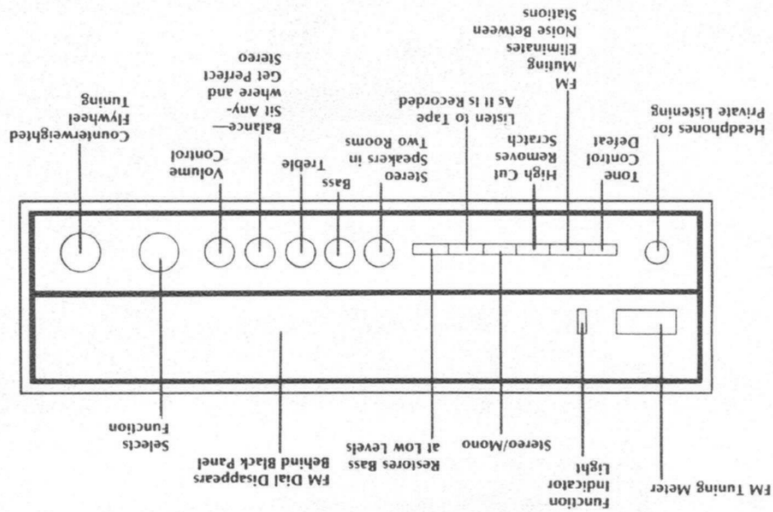




A Subsidiary of Jervis Corporation **harman kardon** We want you to hear more music



Power Output:	140 watts, ± 1 db. 110 watts, IHF @ 4 ohms.	Usable FM Sensitivity:	1.8 Microvolts, IHF.
Frequency Response:	± 1 db 5-60,000 Hz @ 1 watt.	Image Rejection:	Better than 85 db.
Hum and Noise:	90 db.	Spurious Response Rejection:	90 db.
Square Wave Rise Time:	3 Microseconds.	Multiplex Separation:	35 db.
Stability:	Absolutely stable with all types of speakers.	FM Harmonic Distortion:	Less than 0.5%.
Intermodulation Distortion:	Less than 0.5%.	Dimensions:	16 $\frac{5}{8}$ " W x 4-5/16" H x 12 $\frac{7}{8}$ " D.
Tone Control Range:	± 12 db Treble & Bass boost and cut.	Shipping Weight:	25 pounds.
Damping Factor:	30:1	Optional Enclosure:	Oiled Walnut.

NOCTURNE EIGHT TWENTY
specifications

Nocturne[®]
Eight Twenty

Nocturne

Eight Twenty

140 WATT FM STEREO SOLID STATE RECEIVER

The new Nocturne Eight Twenty is the best performing, most versatile stereo receiver ever designed to sell for less than three hundred dollars. It has an inordinate amount of power—enough to drive four speaker systems regardless of efficiency or impedance. And it is absolutely stable, even when used with full-range electrostatic or low-efficiency speakers.

The power amplifier is unlike any power stage found in conventional stereo receivers. It employs the latest low-noise wideband silicon transistors and a heavy duty regulated power supply which enables the amplifier to extend to below 5 Hz and above 60,000 Hz for flawless reproduction of all harmonics without phase and transient distortion.

The power amplifier uses a quasi-complimentary symmetry output stage which insures accurate balance and symmetry at the clipping points. A high degree of feedback is used to keep distortion low and stability high. Harmonic distortion products are kept below 0.5% at full output across the audio spectrum of 20-20,000 Hz. Crossover distortion, a phenomenon found in many solid state stereo receivers, has been reduced to zero. This results in spacious, smooth, sound without the stridency that is characteristic of so many receivers.

Newly designed integrated circuits and crystal filters in the I.F. strip make FM tuning as precise as switching the channel selector of a television set. The tuner accepts only the station to which it is tuned, regardless of how close an alternate or adjacent station may be. An FET front end coupled with a four ganged tuning capacitor assures unprecedented sensitivity and selectivity. Cross modulation or front end overload has been reduced to the vanishing point.

The Nocturne Eight Twenty is one of the most beautiful receivers on the market. And it delivers a degree of excellence that is easily on par with separate high quality stereo components.

QUALITY FEATURES BUILT INTO THE NOCTURNE EIGHT TWENTY

□ No deterioration with age because there's no damaging heat. You can expect the same high quality performance from the Eight Twenty even after years of extensive use.

□ A special electronic circuit automatically switches FM tuner to stereo the moment a stereo broadcast is received. Special light indicates FM stereo reception, Receiver switches to standard FM automatically when stereo broadcast ends.

□ High speaker damping controls excessive speaker excursion to avoid distortion during sharp bursts of sound. This results in clean, tight bass.

□ Contour for low-volume listening maintains full bass response even at levels where bass normally falls off. Contour can be switched in or out, at your discretion.

□ D'Arsonval movement tuning meter shows when you have tuned to strongest and clearest FM signal.

□ Separate, broad range Bass and Treble tone controls adjust sound to your personal preference.

□ Stereo in two rooms, separately or at once. Simple front panel switching eliminates the complexity and expense of external switching devices. Eight Twenty has enough reserve power to drive four speaker systems without stress or distortion.

□ Runs cool, installs anywhere without fans. Some transistor receivers run hot and must be

installed in a very special way. The Nocturne Eight Twenty's advanced solid state circuitry keeps heat down to a minimum even when playing at full power into four speaker systems.

□ Headphone receptacle permits personal listening to FM, FM stereo, phonograph or tapes.

□ Tape Monitor Switch for instant comparison of recorded material and original program.

□ Illuminated call outs indicate function that is operating.

□ Wideband crystal filters combined with integrated microcircuits provide hard dynamic limiting of noise and distortion. FM stations literally snap into place with remarkable accuracy. No alignment of I.F. strip ever required.

□ Piano key selector switches are positive-acting and easy to operate. They provide instant visual identification of the operating mode.

□ FM interstation muting eliminates annoying interchannel noise when tuning. Muting may be defeated if not required.

□ Provision to accept reel to reel and cassette tape recorders simultaneously.

□ Nocturne is the most elegantly styled receiver in the field. It fits proudly with any decor. The tuning scale, meter, function lights all disappear behind gleaming ebony when Nocturne Eight Twenty is off. Turn it on and the receiver comes to life in clear green that complements the golden accents of knobs and escutcheon.

□ Tone controls can be defeated for absolutely linear response.

