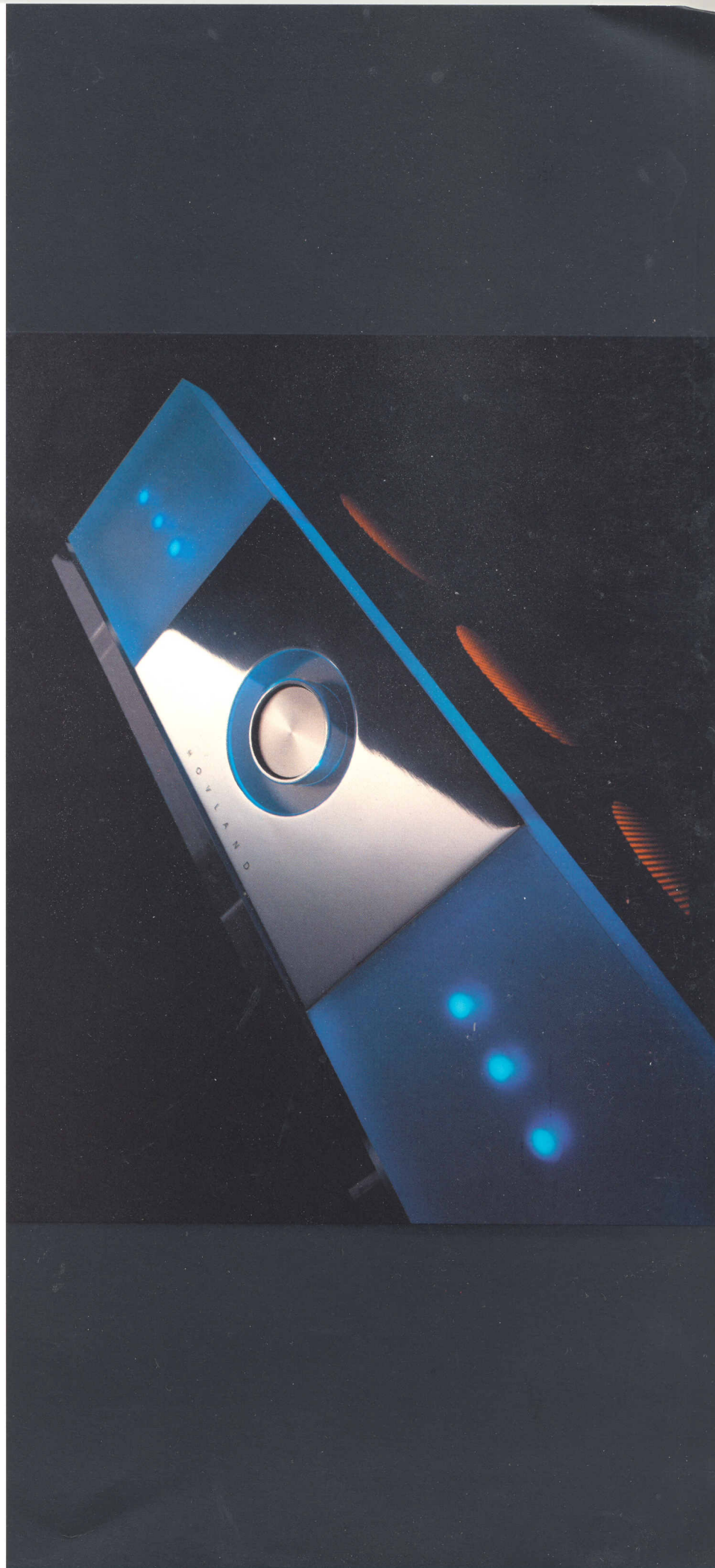


H O V L A N D R A D I A



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The Hovland RADIA is the realization of a two-decade evolutionary quest toward perfecting audio fidelity with solid state power amplification. Our company's goal is to communicate the heart and expression of the recording artist, while drawing the audience into a dimensional and revealing musical event.

The RADIA was conceived with an understanding that every design and construction detail influences not just the sound, but the listener's emotional connection to the music. Our engineering team has spent over 25 years researching and comparing circuit topologies while continuously evaluating the audible differences among every passive and active part. Each Hovland design contains original circuits, numerous proprietary parts, and custom wire. All of these elements—working together—have been critically selected and refined.

The purpose of the RADIA amplifier is to care for the musical message. When used with other products of commensurate transparency, it delivers an enduring and mesmerizing performance.

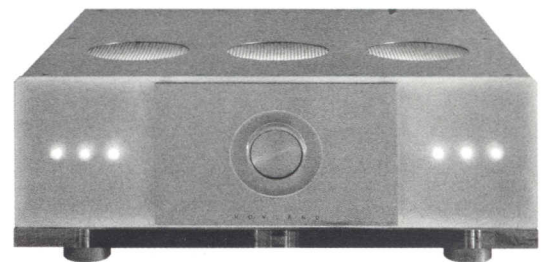
FEATURES

- Full dual monophonic construction. Only shared element of both channels of amplification is AC power input.
- State of the art power supply design utilizing custom designed and hand-crafted, oversized power transformers along with ultra high speed capacitors and Schottky rectifiers.
- High output circuit reliability through use of bridged output configuration for each channel.
- Full complementary symmetry driver / output transistor configuration for low distortion operation.
- Matched J-FET input circuitry provides high input impedance and outstanding DC offset stability, eliminating need for DC offset adjustment controls.
- Active bias control circuitry maintains constant output idling bias current regardless of temperature. Output transistor stage directly cooled by high efficiency ducted convection system.
- Use of TO-3 metal enclosure output transistors offers immunity to unwanted internal moisture contamination and mechanical mounting stress failure.
- Protection circuitry removes power from amplifier in the event of failure caused by external or internal short circuit condition.
- Premium grade, high reliability speaker relays with redundant contacts utilized in each channel.
- Hovland Generation 3 shielded silver-plated interconnect used for critical signal path wiring.
- Hovland Company's acclaimed MusiCap[®] film-and-foil capacitors used in key circuit locations.
- Rigid, damped monocoque-type main chassis construction for reduction of mechanically induced vibration modes.
- Low voltage turn-on / off available from remote source such as a preamplifier (connection via rear input jack).
- Available with either standard unbalanced inputs or balanced XLR inputs.

TECHNICAL SPECIFICATIONS

Amplifier output power:	125 watts/channel stereo at 8Ω 200 watts/channel stereo at 4Ω
Input impedance:	50 kΩ, unbalanced
Amplifier voltage gain:	26 dB, non-inverting, 8Ω / 4Ω load
Frequency response:	+0 / -0.25 dB, 5 Hz - 20,000 Hz
THD: [at rated power, both channels driven]	at 8Ω < 0.1%, 1 kHz at 4Ω < 0.15%, 1 kHz
A-weighted S/N ratio:	92 dB below 120 W, 8Ω, 'A' weighted
Power requirements:	0.7 - 10 A, 120V, 50-60 Hz, Internally adjustable by qualified technician to operate on 100, 110, 120, 220, 230, 240 VAC
Casework dimensions:	18.25" W x 16.65" D x 7.20" H (including feet) 464mm W x 423mm D x 183mm H
Net weight:	74 pounds (33.6 kg)
Warranty:	Three years parts and labor

Specifications are subject to revision without notice.



R A D I A
STEREO POWER AMPLIFIER