NAD
MUSIC BY DESIGN

AUDIO PRODUCT HIGHLIGHTS
## SPECIFICATIONS

### CONTINUOUS AVERAGE POWER OUTPUT INTO 8 OHMS
(Mono, power per channel, 20Hz - 20kHz, both channels driven, with no more than rated distortion).
- **RMS Distortion** (THD 20Hz - 20kHz)
- **Clipping power at 8 ohms, 14kHz** (maximum continuous power per channel)
- **SNR** (Dynamic headroom at 8 ohms)
- **S/N** (dynamic power per channel)
- **Damping Factor**

### PREAMPLIFIER SECTION
- **PHONO INPUT**
  - Input impedance
  - Input sensitivity, 1kHz
  - Signal/Noise ratio
  - THD
  - IM Dist
  - RIAA response accuracy

- **LINE LEVEL INPUTS (Tuner, CD, Aux, Video, Tape)**
  - Input impedance
  - Input sensitivity
  - Signal/Noise ratio, A-weighted
  - Frequency response, 20Hz - 20kHz
  - Infrasonic filter
  - THD

### LINE LEVEL OUTPUTS
- **Output impedance**
- **Maximum output level**

### FM TUNER SECTION
- **Input sensitivity**
  - Mono, 36dB THD+N
  - Mono, 56dB S/N
  - Stereo, 56dB S/N
  - Stereo, 60 dB S/N

- **Capture ratio (45 and 65dB)**
- **Selectivity**
- **Subcarrier suppression (30 and 38kHz)**
- **THD at 100kHz modulation**
- **Signal/Noise ratio (at 65dB, IHF weighted)**
- **Frequency response, 30Hz - 15kHz**
- **Stereo separation, FM NR off**

### AM TUNER SECTION
- **Usable sensitivity**
- **Selectivity**
- **Image rejection**
- **Signal/Noise ratio (30% modulation, 50mV input)**
- **THD**

### PHYSICAL SPECIFICATIONS
- **Dimensions (Width x Height x Depth)**
- **Net weight**
- **Shipping weight**
- **Power Consumption at 120 VAC, 60Hz**
<table>
<thead>
<tr>
<th>2100X Monitor Series Power Amplifier</th>
<th>2400THX Monitor Series Power Amplifier</th>
<th>3020i Integrated Amplifier</th>
<th>3225PE Integrated Amplifier</th>
<th>3240PE Integrated Amplifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>60W (1.7 dBW)</td>
<td>100W (2.0 dBW)</td>
<td>20W (1.5 dBW)</td>
<td>25W (1.6 dBW)</td>
<td>40W (1.6 dBW)</td>
</tr>
<tr>
<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
</tr>
<tr>
<td>70W</td>
<td>130W</td>
<td>30W</td>
<td>40W</td>
<td>50W</td>
</tr>
<tr>
<td>+ 5 dB</td>
<td>+ 5 dB</td>
<td>+ 5 dB</td>
<td>+ 4 dB</td>
<td>+ 6 dB</td>
</tr>
<tr>
<td>200W (2.0 dBW)</td>
<td>250W (2.4 dBW)</td>
<td>400W (2.6 dBW)</td>
<td>600W (2.6 dBW)</td>
<td>800W (2.6 dBW)</td>
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<tr>
<td>- 100dB</td>
<td>- 100dB</td>
<td>- 100dB</td>
<td>- 100dB</td>
<td>- 100dB</td>
</tr>
<tr>
<td>10Ω - 600Ω</td>
<td>10Ω - 600Ω</td>
<td>10Ω - 600Ω</td>
<td>10Ω - 600Ω</td>
<td>10Ω - 600Ω</td>
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<td>10Ω</td>
<td>10Ω</td>
<td>10Ω</td>
<td>10Ω</td>
<td>10Ω</td>
</tr>
<tr>
<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
<td>0.03%</td>
</tr>
<tr>
<td>104Ω - 115Ω ref. 1W/100Ω</td>
<td>150mΩ ref. 25W</td>
<td>150mΩ ref. 25W</td>
<td>150mΩ ref. 25W</td>
<td>150mΩ ref. 25W</td>
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<tr>
<td>87dB ref. 1W</td>
<td>98dBA ref. 1W</td>
<td>98dBA ref. 1W</td>
<td>98dBA ref. 1W</td>
<td>98dBA ref. 1W</td>
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<tr>
<td>+ 6.5 dB</td>
<td>+ 6.5 dB</td>
<td>+ 6.5 dB</td>
<td>+ 6.5 dB</td>
<td>+ 6.5 dB</td>
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<tr>
<td>-10dB at 121Hz, 18dB/octave (fixed)</td>
<td>0.01%</td>
<td>0.01%</td>
<td>0.01%</td>
<td>0.01%</td>
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<tr>
<td>600Ω</td>
<td>600Ω</td>
<td>600Ω</td>
<td>600Ω</td>
<td>600Ω</td>
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<tr>
<td>600Ω Source Z = 2000Ω</td>
<td>125Ω</td>
<td>125Ω</td>
<td>125Ω</td>
<td>125Ω</td>
</tr>
<tr>
<td>12V</td>
<td>10V</td>
<td>10V</td>
<td>10V</td>
<td>10V</td>
</tr>
<tr>
<td>+10V into 600Ω</td>
<td>+10V into 600Ω</td>
<td>+10V into 600Ω</td>
<td>+10V into 600Ω</td>
<td>+10V into 600Ω</td>
</tr>
<tr>
<td>500mV into 8Ω</td>
<td>500mV into 8Ω</td>
<td>500mV into 8Ω</td>
<td>500mV into 8Ω</td>
<td>500mV into 8Ω</td>
</tr>
</tbody>
</table>

- 43.5 x 10.6 x 58.9cm
- (17.1 x 4.2 x 23.0 in.)
- 9.31kg (20lbs)
- 10.8kg (23.8lbs)
- 330W

- 42.5 x 12.7 x 58.9cm
- (16.5 x 3.9 x 23.0 in.)
- 9.51kg (20lbs)
- 10.4kg (23.8lbs)
- 390W

- 42 x 9.1 x 27cm
- (16.5 x 3.6 x 10.6 in.)
- 6.43kg (14lbs)
- 6.4kg (14lbs)
- 150W

- 42 x 9.1 x 27cm
- (16.5 x 3.6 x 10.6 in.)
- 6.43kg (14lbs)
- 6.4kg (14lbs)
- 150W

- 42 x 10.8 x 38cm
- (16.5 x 4.2 x 15.0 in.)
- 6.7kg (14.8lbs)
- 6.8kg (14.8lbs)
- 250 W
### Specifications

**Continuous Average Power Output Into 8 Ohms**
- Max. power per channel, 20Hz - 20kHz, both channels driven, with no more than rated distortion.
- Rated Distortion (THD 20Hz - 20kHz)
  - Clipping power at 8 ohms, kHz:
    - THD dynamic headroom at 8 ohms
    - THD dynamic power (maximum short term power per channel)
  - Damping Factor 8Ω/50Ω

**Pre-Amplifier Section**
- **Phono Input**
  - Input impedance
  - Input sensitivity, kHz
  - THD (0Hz - 20kHz) and IM dist
  - RIAA response accuracy

**Line Level Inputs (Tuner, CD, Aux, Video, Tape)**
- Input impedance
- Input sensitivity
- Signal/Noise ratio, A-weighted
- Frequency response, 20Hz - 20kHz
- Infrasonic filter
- THD

**Line Level Outputs**
- Output impedance
- Maximum output level

**FM Tuner Section**
- Input sensitivity
- Capture ratio (55 and 65dB)
- Selectivity
- Subcarrier suppression (25 and 38kHz)
- THD at 100% modulation
- Signal/Noise ratio (A-weighted)
- Frequency response, 50Hz - 15kHz
- Stereo separation, FM NR off

**AM Tuner Section**
- Usable sensitivity
- Selectivity
- Image rejection
- Signal/Noise ratio (50% modulation, 300Ω input)
- THD

**Physical Specifications**
- Dimensions (Width x Height x Depth)
- Net weight
- Shipping weight
- Power Consumption at 120 VAC, 60 Hz

**4225 Tuner**
- Ultra-linear RJE Filters
- Switchable Blend Circuit
- SN Ratio >57dB (Stereo)
- 14 Random AM/FM Presets

**4100 Monitor Series Tuner**
- Ultra-linear RJE Filters
- Switchable Blend Circuit
- SN Ratio >57dB (Stereo)
- 14 Random AM/FM Presets

**7202i Receiver**
- 20W RMS
- A/B Dynamic Headroom
- Soft Clipping
- Pre-Cut Main In
- Speaker Impedance Selector
- 5 Way Speaker Wiring Posts
- Gold-Plated Phono Input Jacks

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**Specifications Table**

<table>
<thead>
<tr>
<th>Specification</th>
<th>4225 Tuner</th>
<th>4100 Monitor Series Tuner</th>
<th>7202i Receiver</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power Output</strong></td>
<td>20W (16Ω)</td>
<td>20W (16Ω)</td>
<td>20W (16Ω)</td>
</tr>
<tr>
<td><strong>Damping Factor</strong></td>
<td>0.03% 50Ω</td>
<td>0.03% 50Ω</td>
<td>0.03% 50Ω</td>
</tr>
<tr>
<td><strong>Signal/Noise Ratio</strong></td>
<td>60dB</td>
<td>60dB</td>
<td>60dB</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>50Hz - 55kHz</td>
<td>50Hz - 55kHz</td>
<td>50Hz - 55kHz</td>
</tr>
<tr>
<td><strong>Amplifier Details</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Pre-Amp Input</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Line Level Outputs</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>FM Tuner Section</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>AM Tuner Section</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Physical Specifications</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>42 x 6.2 x 25cm (16.2 x 3 x 10 in.)</td>
<td>43.5 x 8.3 x 26.3cm (17.1 x 3.2 x 10.3 in.)</td>
<td>42 x 9.1 x 27.3cm (16.5 x 3.5 x 10.7 in.)</td>
</tr>
<tr>
<td><strong>Net Weight</strong></td>
<td>2.3kg (5.1lb)</td>
<td>3.5kg (7.7lb)</td>
<td>3.5kg (7.7lb)</td>
</tr>
<tr>
<td><strong>Shipping Weight</strong></td>
<td>4.1kg (9lb 11oz)</td>
<td>6.8kg (15lb 0oz)</td>
<td>6.8kg (15lb 0oz)</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>10W</td>
<td>10W</td>
<td>10W</td>
</tr>
</tbody>
</table>
### 7225PE Receiver
- 25W RMS POWER ENVELOPE TECHNOLOGY
- 128W DYNAMIC POWER
- ADAPTABLE DYNAMIC HEADROOM
- SOFT CLIPPING™
- PRE-OUTianne IN SPEAKER IMPEDANCE SELECTOR
- 5 Way SPEAKER BINDING POSTS
- GOLD-FLASHED PHONO INPUT JACKS

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>25W (16dBW)</td>
<td>0.03%</td>
</tr>
<tr>
<td>40W</td>
<td>0.03%</td>
</tr>
</tbody>
</table>

### 7240PE Receiver
- 40W RMS POWER ENVELOPE TECHNOLOGY
- 128W DYNAMIC POWER
- ADAPTABLE DYNAMIC HEADROOM
- SOFT CLIPPING™
- PRE-OUTianne IN SPEAKER IMPEDANCE SELECTOR
- 5 Way SPEAKER BINDING POSTS
- GOLD-FLASHED PHONO INPUT JACKS

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>40W</td>
<td>0.03%</td>
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</tbody>
</table>

### 7000 Monitor Series Receiver
- 48W RMS POWER ENVELOPE TECHNOLOGY
- 133W DYNAMIC POWER
- ADAPTABLE DYNAMIC HEADROOM
- 68W DYNAMIC POWER
- PRE-OUTianne IN SPEAKER IMPEDANCE SELECTOR
- 5 Way SPEAKER BINDING POSTS
- GOLD-FLASHED PHONO INPUT JACKS

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>48W</td>
<td>0.03%</td>
</tr>
</tbody>
</table>

### 7100X Monitor Series Receiver
- 48W RMS POWER ENVELOPE TECHNOLOGY
- 133W DYNAMIC POWER
- ADAPTABLE DYNAMIC HEADROOM
- 68W DYNAMIC POWER
- PRE-OUTianne IN SPEAKER IMPEDANCE SELECTOR
- 5 Way SPEAKER BINDING POSTS
- GOLD-FLASHED PHONO INPUT JACKS

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>60W</td>
<td>0.03%</td>
</tr>
</tbody>
</table>

### 7400 Monitor Series Receiver
- 100W RMS POWER ENVELOPE TECHNOLOGY
- 128W DYNAMIC POWER
- ADAPTABLE DYNAMIC HEADROOM
- 128W DYNAMIC POWER
- PRE-OUTianne IN SPEAKER IMPEDANCE SELECTOR
- 5 Way SPEAKER BINDING POSTS
- GOLD-FLASHED PHONO INPUT JACKS

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>100W</td>
<td>0.03%</td>
</tr>
</tbody>
</table>

### Additional Specifications
- 300V/20VA/300Ω
- 12dB @ 100kHz
- 90dB @ 1kHz
- 180kHz
- 20kHz
- 1kHz
- 150Hz
- 5Hz

### Connections
- 3.5mV/10kHz
- 75mV/10kHz
- 50mV/10kHz
- 25mV/10kHz
- 12.5mV/10kHz

### Audio Outputs
- 10dBV/10kHz
- 5dBV/10kHz
- 2.5dBV/10kHz
- 1.5dBV/10kHz
- 1dBV/10kHz

### Volume Controls
- 300Vatt/meter
- 35dB
- 35dB
- 45dB
- 45dB
- 45dB
- 45dB
- 45dB
- 45dB
- 45dB

### Dimensions
- 42 x 31.3 x 27.3cm
- 16.5 x 12.3 x 10.75cm
- 15.0x8.2 (12.0cm)

### Accessories
- 300Vatt/meter
- 35dB
- 35dB
- 45dB
- 45dB
- 45dB
- 45dB
- 45dB
- 45dB
- 45dB

### Additional Notes
- 300Vatt/meter
- 35dB
- 35dB
- 45dB
- 45dB
- 45dB
- 45dB
- 45dB
- 45dB
- 45dB
## Compact Disc Players

**5420/25 Compact Disc Player**  
- Balanced MASH One Bit HiFi Resolution Digital to Analogue Converter  
- Plays 3 Inch Discs with Hocht Adapter  
- 16 Tracks Programmable  
- Remote Control with 505s

**5440 Compact Disc Player**  
- Balanced MASH One Bit HiFi Resolution Digital to Analogue Converter  
- CDR Controlled Dynamic Range Circuit Optimizes Dynamic Range in Digital Domain for Night Listening or Cassette Recording  
- Both Low Impedance Fixed and Variable Outputs  
- Infra-Red Remote Control with Direct Track Access and Volume Control  
- Serial Digital Output

**5000 Monitor Series Compact Disc Player**  
- Balanced MASH One Bit HiFi Resolution Digital to Analogue Converter  
- CDR Controlled Dynamic Range Circuit Optimizes Dynamic Range in Digital Domain for Night Listening or Cassette Recording  
- Both Low Impedance Fixed and Variable Outputs  
- Full Function Remote Control  
- Serial Digital Output  
- Powerful Headphones Amp. with Volume Control, Delivers 0V RMS

**5060 Monitor Series Compact Disc Player**  
- Multiple CD Changer  
- 6 Disc Magazine  
- Random Playback  
- Auto Pause  
- Remote Control  
- Multi-Stage Pseudocapacitor Digital to Analogue Converter

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## Cassette Decks

**6325 Cassette Deck**  
- Dolby™ B & C  
- Car Circuit Optimizes Recording for Mobile Environment  
- Flat Trim  
- Full Logic Transport

**6340 Cassette Deck**  
- Dolby™ B & C  
- Dolby IX Pro™  
- Dynamic  
- Car Circuit Optimizes Recording for Mobile Environment  
- Flat Trim  
- Full Logic Transport

**6100 Monitor Series Cassette Deck**  
- Dolby™ B & C  
- Dolby IX Pro™  
- Dynamic  
- Car Circuit Optimizes Recording for Mobile Environment  
- Flat Trim  
- Full Logic Transport  
- Remote Control

---

## Specifications

### Compact Disc Players

<table>
<thead>
<tr>
<th>Specification</th>
<th>5420/25</th>
<th>5440</th>
<th>5000</th>
<th>5060</th>
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</thead>
<tbody>
<tr>
<td>Disc capacity</td>
<td>Single 120 or 80mm</td>
<td>Single 120 or 80mm</td>
<td>Single 120 or 80mm</td>
<td>6 discs, 120mm (80mm with adapter)</td>
</tr>
<tr>
<td>Programming capacity</td>
<td>16 tracks</td>
<td>20 tracks</td>
<td>20 tracks</td>
<td>32 tracks</td>
</tr>
<tr>
<td>Digital-to-Analog conversion</td>
<td>MASH, 18-bit resolution 32 times</td>
<td>MASH, 18-bit resolution 32 times</td>
<td>MASH, 18-bit resolution 32 times</td>
<td>16 bit linear dual DAC 104 point</td>
</tr>
<tr>
<td>Analogue filter</td>
<td>-0.5 dB</td>
<td>-0.2dB</td>
<td>-0.2dB</td>
<td>+0.2dB</td>
</tr>
<tr>
<td>Frequency response 50Hz - 20kHz</td>
<td>0.002%</td>
<td>0.002%</td>
<td>0.002%</td>
<td>0.003%</td>
</tr>
<tr>
<td>THD (at 0dB, 1kHz)</td>
<td>0.06%</td>
<td>0.06%</td>
<td>0.06%</td>
<td>0.06%</td>
</tr>
<tr>
<td>Dynamic range</td>
<td>0.5dB</td>
<td>0.5dB</td>
<td>0.5dB</td>
<td>0.5dB</td>
</tr>
<tr>
<td>Linearity</td>
<td>0.5dB</td>
<td>0.5dB</td>
<td>0.5dB</td>
<td>0.5dB</td>
</tr>
<tr>
<td>Signal/Noise ratio (A-weighted, measured with all sensors test disc)</td>
<td>Unmeasurable (quartz accuracy)</td>
<td>Unmeasurable (quartz accuracy)</td>
<td>Unmeasurable (quartz accuracy)</td>
<td>Unmeasurable (quartz accuracy)</td>
</tr>
<tr>
<td>Wav and Flutter</td>
<td>1200Hz</td>
<td>1200Hz</td>
<td>1200Hz</td>
<td>1200Hz</td>
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<tr>
<td>Output impedance</td>
<td>2.5V</td>
<td>2.5V</td>
<td>2.5V</td>
<td>2.5V</td>
</tr>
<tr>
<td>Output level at 0dB</td>
<td>100dB</td>
<td>100dB</td>
<td>100dB</td>
<td>100dB</td>
</tr>
<tr>
<td>Digital error correction</td>
<td>-0.5dB</td>
<td>-0.5dB</td>
<td>-0.5dB</td>
<td>-0.5dB</td>
</tr>
<tr>
<td>Noise at zero volume</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>Digital code output</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>Remote control unit</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>PHYSICAL SPECIFICATIONS</td>
<td></td>
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<tr>
<td>Dimensions (Width x Height x Depth)</td>
<td>42.0 x 8.4 x 26.0cm</td>
<td>42.0 x 8.4 x 30.0cm</td>
<td>43.5 x 8.1 x 30.0cm</td>
<td>43.5 x 11.5 x 37.7cm</td>
</tr>
<tr>
<td>Net weight</td>
<td>4.2kg</td>
<td>4.2kg</td>
<td>4.2kg</td>
<td>4.3kg</td>
</tr>
<tr>
<td>Shipping weight</td>
<td>4.2kg</td>
<td>4.2kg</td>
<td>4.2kg</td>
<td>4.3kg</td>
</tr>
<tr>
<td>Power Consumption at 120 VAC 60Hz</td>
<td>25W</td>
<td>16W</td>
<td>17W</td>
<td>20W</td>
</tr>
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</table>

### Cassette Decks

**6325 Cassette Deck**  
- Dolby™ B & C  
- Car Circuit Optimizes Recording for Mobile Environment  
- Flat Trim  
- Full Logic Transport

**6340 Cassette Deck**  
- Dolby™ B & C  
- Dolby IX Pro™  
- Dynamic  
- Car Circuit Optimizes Recording for Mobile Environment  
- Flat Trim  
- Full Logic Transport

**6100 Monitor Series Cassette Deck**  
- Dolby™ B & C  
- Dolby IX Pro™  
- Dynamic  
- Car Circuit Optimizes Recording for Mobile Environment  
- Flat Trim  
- Full Logic Transport  
- Remote Control

---

### Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>6325</th>
<th>6340</th>
<th>6100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed Accuracy</td>
<td>+1%</td>
<td>+1%</td>
<td>+1%</td>
</tr>
<tr>
<td>Wow and Flutter</td>
<td>-0.006% JIS wtd. RMS</td>
<td>-0.006% JIS wtd. RMS</td>
<td>-0.006% JIS wtd. RMS</td>
</tr>
<tr>
<td>Frequency Response (Dolby NR off)</td>
<td>-0.1%</td>
<td>-0.1%</td>
<td>-0.1%</td>
</tr>
<tr>
<td>MPX Filter Response</td>
<td>-0.5%</td>
<td>-0.5%</td>
<td>-0.5%</td>
</tr>
<tr>
<td>Harmonic Distortion</td>
<td>0.5%</td>
<td>0.5%</td>
<td>0.5%</td>
</tr>
<tr>
<td>THD at 0dB (Normal Tape)</td>
<td>1.9%</td>
<td>1.9%</td>
<td>1.9%</td>
</tr>
<tr>
<td>Signal-to-Noise Ratio (ref. 3% THD at 33.3Hz)</td>
<td>56dB (Dolby off)</td>
<td>56dB (Dolby off)</td>
<td>56dB (Dolby off)</td>
</tr>
<tr>
<td>CCIR/ARMB weighting</td>
<td>-0.1%</td>
<td>-0.1%</td>
<td>-0.1%</td>
</tr>
<tr>
<td>Channel Separation</td>
<td>-0.1%</td>
<td>-0.1%</td>
<td>-0.1%</td>
</tr>
<tr>
<td>Earsave</td>
<td>-0.1%</td>
<td>-0.1%</td>
<td>-0.1%</td>
</tr>
<tr>
<td>Input Sensitivity/Impedance</td>
<td>-0.1%</td>
<td>-0.1%</td>
<td>-0.1%</td>
</tr>
<tr>
<td>Maximum input level</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Output level at 0dB</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>Output impedance</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>PHYSICAL SPECIFICATIONS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions (Width x Height x Depth)</td>
<td>42.0 x 12.2 x 27cm</td>
<td>42.0 x 12.2 x 27cm</td>
<td>43.5 x 12 x 27.7cm</td>
</tr>
<tr>
<td>Net Weight</td>
<td>6.4kg</td>
<td>6.4kg</td>
<td>6.4kg</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>6.4kg</td>
<td>6.4kg</td>
<td>6.4kg</td>
</tr>
<tr>
<td>Power Consumption at 120 VAC 60Hz</td>
<td>22W</td>
<td>22W</td>
<td>22W</td>
</tr>
</tbody>
</table>
GLOSSARY

POWER AMPLIFIER TECHNOLOGY
POWER ENVELOPE: Provides NAD amplifiers and receivers power bursts up to four times their "rated" continuous power. Imagine, for slightly more than you would pay for an ordinary 50W/ch receiver, you can have a receiver which can reproduce music as clearly as a conventional receiver rated at 200W/ch. This not only saves you money, but also saves your speakers from damage due to pushing a receiver too hard.

BUILDING BLOCK CONCEPT: Most NAD products have preamp-out/main-in and/or bridging capabilities. This allows for easy upgrade possibilities in the future, even with the simplest receiver. Your investment never becomes obsolete.

SOFT CLIPPING: This NAD circuit gently rounds off the musical wave form when an amplifier or receiver is driven too hard, reducing the possibility of damage to your speakers.

HIGH CURRENT CAPABILITY: Provides the control needed for dynamic well defined reproduction of music with difficult speaker loads such as multiple speakers, electrostatics or other unusual designs.

PREAMPLIFIER TECHNOLOGY
BASS EQ: Boosts only the lowest bass by 6-8 dB, compensating for the natural roll-off found in most bookshelf speakers, thereby giving an extra 1/2 to 2/3 of an octave of deep bass. Example: It's like trading in an 8" woofer for a 10" woofer, without getting boomy.

MUSICALLY USEFUL TONE CONTROLS: Provides the ability to control the extremes (high and low) without effecting the midrange. Allows you to boost the lowest bass without altering a male voice, or add sparkle to the highs without distorting a female voice.

LOW PHONO SIGNAL-TO-NOISE: NAD's preamps are designed for actual use, rather than good specs alone (as are all of our products). If you listen to a lot of records, you will find greater enjoyment out of them when played through our quieter preamps.

TUNER TECHNOLOGY
FM NOISE REDUCTION: Dramatically improves the listenability of weak FM stereo signals. FM NR provides a 10 dB improvement in signal-to-noise ratio (approximately the same result as Dolby B NR for tapes), thus requiring about half the signal strength for the tuner to achieve acceptably quiet reception.

SELECTABLE I.F. BANDWIDTH: NAD tuners offer wide bandwidth for getting low distortion and wide stereo separation from FM broadcasts and effective rejection of multipath interference. However, in crowded areas, weak signals may be hidden by stronger ones. I.F. Narrow helps to provide sharper selectivity for these crowded dial conditions.

WIDEBAND AM: The AM Circuits were designed especially for digital tuners. Their freedom from noise and static make it surprisingly pleasant to listen to, and, unlike most stereo tuners, their unusually wide bandwidths provide very clear sound.

CASSETTE DECK TECHNOLOGY
PLAY TRIM: Developed by Dolby laboratories with NAD, Play Trim compensates for high frequency loss before Dolby NR, restoring highs without increasing noise. Example: Take an old tape with dulled highs and turn the Play Trim knob and note the restored highs.

HX PRO AND DYNEQ: DYNEQ varies the record equalization to prevent over saturation when strong high frequency transients occur. HX PRO varies the bias supplied to the tape during recording to maintain optimum high frequency response at all times, thus making a much more accurate reproduction of your source. Note: HX PRO and DYNEQ are compatible for playback with all cassette decks, including car decks.

CAR CIRCUIT: Boosts quiet passages in the music without altering the loud passages, making a more practical tape for car or portable players. It also adds equalization for the car environment.

COMPACT DISC TECHNOLOGY
CDR - CONTROLLED DYNAMIC RANGE: Raises the volume level of the quietest portions of music, without limiting the dynamic peaks. This allows all the music to be heard all the time. Perfect for use as background music, or for making tapes for the car if you don't own an NAD cassette deck.

MASH "ONE BIT" DECODING: With CD players utilizing MASH or other one bit technologies, our engineers have found that what really makes the difference in their performance is the care taken in power supply design, PCB layout, grounding, and selection of analog circuit components.

CIRCUIT SIMPLICITY: Many CD players are "over-designed" with unnecessary stages of analog circuitry that sacrifice transparency and subtle detail. NAD players have just three wide-band analog circuits and only one coupling capacitor in the signal path (bypassed by a low-loss film capacitor), thus preserving the emotional detail of the original performance.
AN UNCOMMON COMPANY

Achieving imposing specification is not a primary goal of NAD. Our engineers step outside of the laboratory to study actual listening environments and the effects of interaction between components in a complete audio system. No compromises whatsoever are made in the design areas which directly affect performance in real-use conditions. Every NAD component is designed for maximum efficiency and effectiveness. Furthermore, NAD offers the best possible performance sound quality regardless of power rating or price.

NAD's organization is as unconventional as its product philosophy. NAD dealers and distributors from over 45 countries participate in planning sessions at local and international conferences. Working closely with our engineers and consultants, they develop the new products and concepts that make NAD components so unique. By eliminating many expenses generally associated with large audio manufacturing companies, NAD has been successful in greatly increasing the value of its products. Unlike most companies that spend over 40% of their product budget on overhead and advertising, NAD spends less than 10% on these elements. Most of the NAD budget is devoted to research, engineering and manufacturing.

From all over the world, NAD has invited the leading experts in each aspect of audio technology to participate in creating an NAD product. We believe it is this combination of an uncommon company with an uncommon philosophy which results in a series of technically impressive products that have become "classics" in their own time.

To see and hear the products shown in this catalog, and for more detailed specifications and literature describing these and other fine products in NAD's unique line of home entertainment components, we suggest that you visit your local NAD dealer.

Notice to all customers:
Certain NAD models may not be available in all countries.
Multi-voltage option not available on many models.
Please consult your dealer for details.

All specifications are those in effect at the time of printing.
NAD reserves the right to change specifications or designs at any time without notice.
NAD Electronics Ltd., London. Printed in Canada