Built upon the successful design of the NAD 1000, the NAD 106 offers a dramatic step up in sound quality. Metal film resistors, a larger mains transformer, improved capacitors and volume control, together with a redesigned PCB and phone pre-amp circuit all contribute to noise and distortion-free performance. Gold-plated RCA inputs improve signal transfer and XLR connectors ensure optimum linkage to the power amplifier stage. Six audio/video inputs and three outputs permit a wide range of system set-ups in domestic and studio environments.
## PRE-AMP SECTION

**Phono input**
- Input impedance \((R \text{ and } C)\)
  - MM: 47kΩ / 200pF
  - MC: 0.08mV
- Input overload at 20Hz / 1kHz / 20kHz
  - MM: 20 / 200 / 1700mV
  - MC: 0.08mV / 200 / 1700mV
- Input sensitivity, 1kHz
  - MM: 1.25mV ref. 0.5V
  - MC: 0.08mV
- Input overload at 20Hz / 1kHz / 20kHz
  - MM: 20 / 200 / 1700mV
  - MC: 0.08mV
- Signal/Noise ratio \((A\text{-weighted with cartridge connected})\)
  - MM: 76dB ref. 5mV
  - MC: 76dB ref. 0.5mV
- THD \((20\text{Hz} - 20\text{kHz})\)
  - <0.2%
- RIAA response accuracy
  - MM: ±0.2dB \((20\text{Hz} - 20\text{kHz})\)
  - MC: ±0.2dB \((50\text{Hz} - 20\text{kHz})\)

**Line level inputs**
- Input impedance \((R \text{ and } C)\)
  - 20kΩ / 450pF
- Input sensitivity ref. 0.5V
  - 80mV
- Maximum input signal
  - >10V
- Signal/Noise ratio \((A\text{-weighted ref 0.5V})\)
  - 98dB
- Frequency response
  - ±0.2dB
- THD
  - 0.01%

**Line level outputs**
- Output impedance
  - Pre-amp: 220Ω
  - Tape: Source Z + 2kΩ
  - Phones: 120Ω
- Maximum output level
  - Pre-amp: >12V
  - Tape: >10V
  - Phones: >8V into 600Ω
  - >250mV into 8Ω

**Tone controls**
- Treble
  - ±7dB at 10kHz
- Bass
  - ±10dB at 50Hz

**Remote**
- No

**NAD Link**
- No

## PHYSICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Dimension (W x H x D)</th>
<th>Net weight</th>
<th>Shipping weight</th>
<th>Power consumption (120 ~ 240V, 50/60Hz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>435 x 81 x 263mm</td>
<td>3.7kg</td>
<td>4.4kg</td>
<td>20W</td>
</tr>
</tbody>
</table>

Dimensions are of unit’s cabinet without attached feet; add up to 18mm for total height.

Dimension depth excludes terminals, sockets, controls and buttons.