



Performance Specifications

MARK LEVINSON

N°5206

All production N°5206 units will undergo 100% functional testing prior to shipment, and the following features and electrical measurements will be verified on all units. All production units will meet or exceed all specifications listed below.

ANALOG LINE STAGE

Gain: 8dB maximum, single-ended outputs
14dB maximum, balanced outputs

Output overload: >7.5V RMS, single-ended outputs
>15V RMS, balanced outputs

Frequency response: 20Hz to 20kHz, ± 0.03 dB
<2Hz to 250kHz, +0.1/-3dB
[At unity gain volume setting]

Total harmonic distortion: <0.003%, 20Hz to 20kHz
[At unity gain volume setting, 2V RMS
single-ended/4V RMS balanced out]

Signal-to-noise ratio: >93dB, 20Hz to 20kHz, wideband,
unweighted [At unity gain volume
setting, referred to 2V RMS single-
ended/4V RMS balanced out]

Subwoofer high-pass filter: Selectable; 80Hz, 2nd order
(12dB/octave)

PHONO STAGE

RIAA frequency response: 20Hz to 20kHz, ± 0.3 dB

Infrasonic filter: Selectable; 20Hz, 1st order
(6dB/octave)

Moving-magnet mode

Input resistance: 47k Ω

Input capacitance: Selectable; 20, 70, 120, or 170pF

Gain: 39dB at 1kHz

Total harmonic distortion: <0.01%, 1kHz, 2V RMS output
<0.05%, 20Hz to 20kHz, 2V RMS
output

Signal-to-noise ratio: >80dB, 20Hz to 20kHz, wideband,
unweighted, referred to 2V RMS
output

Maximum input level: >190mV at 1kHz
>1.6V at 20kHz

Moving-coil mode

Input resistance: Selectable; 37 Ω to 1000 Ω

Gain: 69dB at 1kHz

Total harmonic distortion: <0.01%, 1kHz, 2V RMS output
<0.05%, 20Hz to 20kHz, 2V RMS
output

Signal-to-noise ratio: >68dB, 20Hz to 20kHz, wideband,
unweighted, referred to 2V RMS
output

Maximum input level: >6.5mV at 1kHz
>19mV at 20kHz

DIGITAL-TO-ANALOG CONVERTER STAGE

Output voltage: 5.6V RMS at 0dBFS, maximum
volume, single-ended outputs
11.2V RMS at 0dBFS, maximum
volume, balanced outputs

Frequency response: 20Hz to 20kHz, +0/-0.05dB
[with 44.1kHz/16 bit signal]
20Hz to 20kHz, +0/-0.02dB
[with 192kHz/24 bit signal]

Total harmonic distortion: <0.0025%, 20Hz to 20kHz,
3V RMS single-ended output
[with 44.1kHz/16 bit signal]
<0.002%, 20Hz to 20kHz, 6V RMS
balanced output [with 44.1kHz/
16 bit signal]
<0.002%, 20Hz to 20kHz, 3V RMS
single-ended output [with 192kHz/
24 bit signal]
<0.0017%, 20Hz to 20kHz, 6V RMS
balanced output [with 192kHz/
24 bit signal]
<0.004%, 90kHz, 3V RMS single-
ended output [with 192kHz/
24 bit signal]
<0.003%, 90kHz, 6V RMS balanced
output [with 192kHz/24 bit signal]

Signal-to-noise ratio: >92dB, 20Hz to 20kHz, wideband,
unweighted, with 44.1kHz/16 bit
signal [referred to 3V RMS single-
ended or 6V RMS balanced output]
>98dB, 20Hz to 20kHz, wideband,
unweighted, with 192kHz/24 bit
signal [referred to 3V RMS single-
ended or 6V RMS balanced output]

Sample rates/bit depth: PCM: 32, 44.1, 48, 88.2, 96, 176.4,
192, 352.8, or 384kHz; up to 32 bits
DSD: Native or DoP; single, double,
or quad speed (2.8, 5.6, or 11.2MHz)

HEADPHONE OUTPUT

Total harmonic distortion: <0.04%, 20Hz and 1kHz, 2V RMS output, 30Ω load
<0.1%, 20kHz, 2V RMS output, 30Ω load

Output overload: >3.3V RMS, 30Ω load

Signal-to-noise ratio: >88dB, 20Hz to 20kHz, wideband, unweighted, referred to 2V RMS output

GENERAL

Analog input connectors: 2 pairs balanced line-level inputs (XLR)
2 pairs single-ended line-level inputs (RCA)
1 pair single-ended moving-coil phono inputs (RCA)
1 pair single-ended moving-magnet phono inputs (RCA)

Digital audio connectors (N^o5206 only): 2 coaxial S/PDIF inputs (RCA)
2 optical S/PDIF inputs (Toslink)
1 balanced AES/EBU input (XLR)
1 asynchronous USB input (USB-B)

Output connectors: 1 pair single-ended line-level outputs (RCA)
1 pair balanced line-level outputs (XLR)

Control connectors: 1 RS-232 port (DB-9)
1 Ethernet port (RJ-45)
1 USB port for firmware updates (USB-A)
1 baseband IR input (1/8"/3.5mm phone jack)
1 programmable 12V DC trigger output, 100mA maximum (1/8"/3.5mm phone jack)
1 programmable 12V DC trigger input (1/8"/3.5mm phone jack)

Power consumption: Power on: 70W
Power on (headphones connected): 85W
Normal standby: 65W
Power Save standby: 4W
Green standby: <0.4W

Dimensions/Weight Unit only: Height: 4.96"/126mm
Height without feet: 4.50"/114mm
Width: 17.25"/438mm
Depth, enclosure only: 18.00"/457mm
Depth, with knobs and rear connectors: 19.25"/489mm
Weight: 34 lbs/15.4kg

With packaging: Height: 13.63"/346mm
Width: 24.25"/616mm
Depth: 29.00"/737mm
Weight: 48 lbs/21.7kg



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