

LUXMAN

NeoClassico II

VACUUM TUBE INTEGRATED AMPLIFIER

**SQ-N150**

COMPACT DISC PLAYER

**D-N150**



# When your desire for music is vast, but your space isn't.

Much loved by design-conscious critics and audiophiles, LUXMAN's original NeoClassico Series delivered uncompromising music reproduction in an "A4" chassis footprint, just 210 x 297 mm (8-1/4 x 11-3/4 inches), not including projecting parts.

Now LUXMAN is pleased to present the NeoClassico II Series:

the SQ-N150 vacuum tube integrated amplifier and D-N150 digital player.

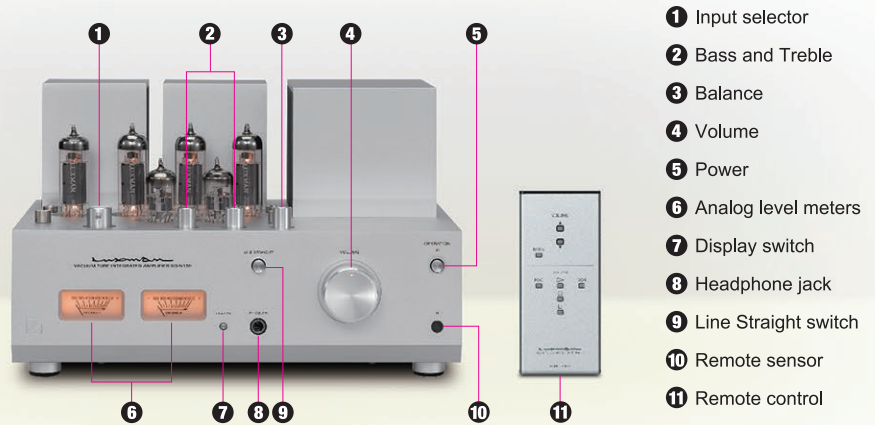
Replete with upgraded circuit designs, innovative features and audiophile parts, they're destined to delight the most discriminating music lovers and design enthusiasts alike.





# Music reproduction of uncanny warmth and beauty

## VACUUM TUBE INTEGRATED AMPLIFIER SQ-N150



- 1 Input selector
- 2 Bass and Treble
- 3 Balance
- 4 Volume
- 5 Power
- 6 Analog level meters
- 7 Display switch
- 8 Headphone jack
- 9 Line Straight switch
- 10 Remote sensor
- 11 Remote control

In the 1960s, when the audio industry moved en masse into transistor amplifiers, LUXMAN stood apart. We recognized the ineffable beauty of vacuum tube audio, and we've continued to build tube components without interruption.

Part of LUXMAN's NeoClassico II Series, the SQ-N150 is the latest heir to that proud tradition, delivering music reproduction of exceptional warmth and clarity.

### Meticulous vacuum tube engineering

You'll enjoy surpassingly detailed, open music reproduction thanks to the exceptional linearity of LUXMAN's P-K split phase inversion circuit. We married an input stage of two JJ Electronic ECC83 miniature double triodes to a push-pull output with four JJ Electronic EL84 pentodes. And with our deep knowledge of tube design, we figured the SQ-N150 for consistent performance and long operating life. On paper, we rate power output at 10 Watts + 10 Watts at 6 ohms. In practice, the sound is fit for the most demanding listeners.

### Elegant design

The 5 mm thick aluminum chassis has a modest "A4" footprint, just 210 x 297 mm (8-1/4 x 11-3/4 inches), not including projecting parts. The blasted white finish contrasts nicely with the hairlines on the machined aluminum controls. The orange LED lighting of the analog level meters provides a visual counterpoint to the glow of the vacuum tubes.

### Versatile preamplifier

LUXMAN provides three line inputs and a phono section that accommodates both moving magnet and moving coil cartridges, so you don't need to purchase a separate MC preamp. We plated the RCA jacks in gold and pitched them at 18 mm to accommodate high-end cables. For minimum crosstalk between left and right channels, we used the same input selector IC as on our top-of-the-line C-900u control amplifier. For ultimate sonic purity, the Line Straight mode can bypass the Bass, Treble and Balance controls. The headphone output jack is ideal for late night listening.

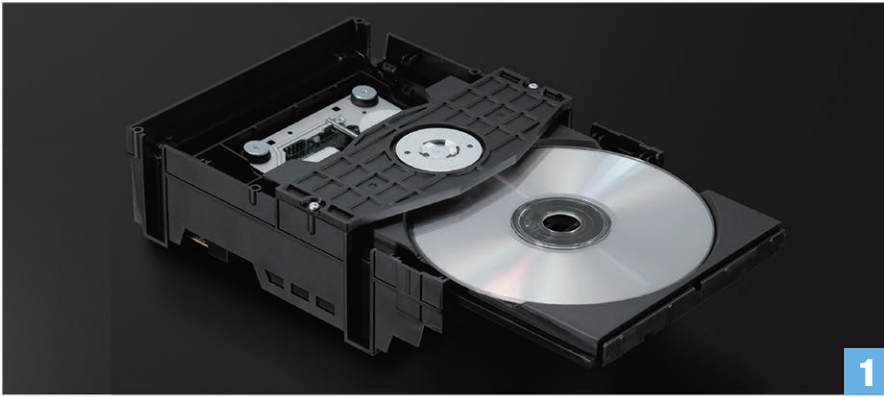
### Remote control

The aluminum-finished remote control operates volume as well as a LUXMAN CD player, such as the matching LUXMAN D-N150 digital player.



- 1 Two JJ Electric ECC83 double triodes and four EL84 pentodes
- 2 Versatile inputs and controls
- 3 Aluminum remote control
- 4 Compact, stylish "A4" design





1

Massive, anti-resonant disc transport 1



2

USB input supports Bulk Pet® transfer mode 2

Aluminum remote control 3



3

Compact, stylish "A4" design 4

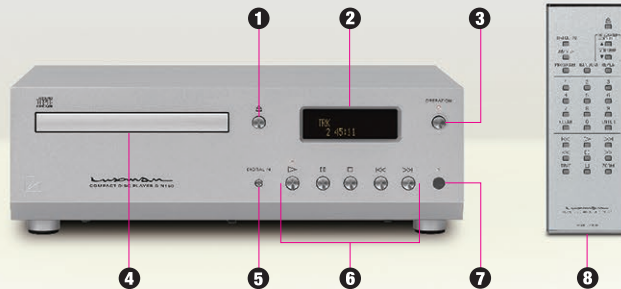


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## Exceptional playback of Compact Disc and high-res audio files

COMPACT DISC PLAYER

# D-N150



- 1 Open/close
- 2 Display
- 3 Power
- 4 Disc tray
- 5 Digital input selector
- 6 Transport controls
- 7 Remote sensor
- 8 Remote control

Part of LUXMAN's NeoClassico II Series, the compact D-N150 combines uncompromising audiophile design with exceptional flexibility.

Audio bona fides include 5mm thick aluminum chassis and internal parts selected through exhaustive listening tests.

Flexibility takes the form of coax, optical and USB digital inputs for converting hi-res audio files to gorgeous, unconstrained analog sound.

### Understated design

The D-N150 has compact "A4" footprint, just 210 x 297 mm (8-1/4 x 11-3/4 inches), not including projecting parts. The 5 mm thick aluminum chassis features an elegant, blasted white finish. Hairline finished controls provide a subtle contrast between white and silver.

### CD transport and D/A converter

The D-N150 has the same CD transport as LUXMAN's highly regarded D-380. Carefully auditioned parts include the power transformer, filtering capacitors, Schottky barrier diodes and LUXMAN's own Oxygen Free Copper (OFC) wire. The Texas Instruments PCM5102A digital-to-analog converter helps deliver a signal-to-noise ratio of 110 dB, presenting music against a background very close to absolute silence.

### Coax, optical and USB input with Bulk Pet® transfer

You can take advantage of the digital-to-analog converter built into the D-N150 to reproduce external sources. Coaxial and optical inputs accept S/PDIF signals up to 192 kHz/24 bits, while the USB input accepts personal computer PCM signals up to 192 kHz/32 bits. The D-N150 is the first LUXMAN product to support Bulk Pet® transmission in addition to conventional, isochronous USB transfer. This achieves exceptional sound by reducing the processing load on the DAC. Optical output empowers you to use the D-N150 as a single DAC hub.

### High-grade aluminum remote control

The aluminum remote control feels substantial in your hand. This remote operates not only the D-N150 digital player but also volume on the matching SQ-N150 amplifier.

\*Bulk Pet® is a registered trademark of INTERFACE Co.,LTD.

# SQ-N150 VACUUM TUBE INTEGRATED AMPLIFIER

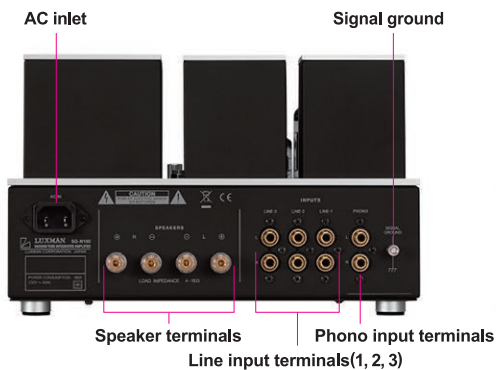
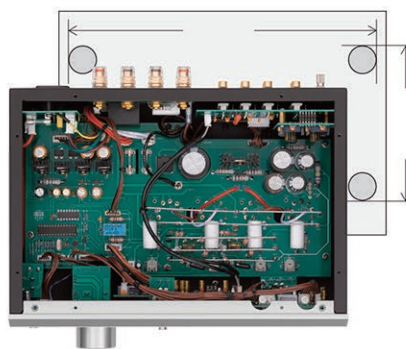


Image shows bonnets in place



Internal configuration

## SPECIFICATIONS

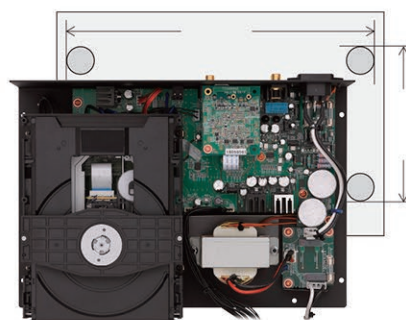
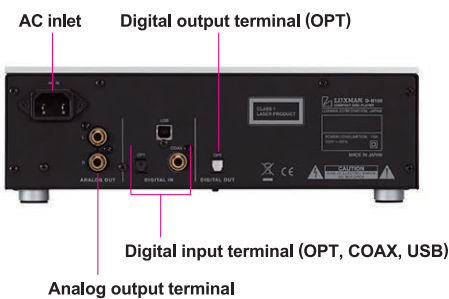
Rated output	10W + 10W (6Ω)
Input sensitivity/ input impedance	PHONO (MM) : 3.0mV/47kΩ
	PHONO (MC) : 0.33mV/100Ω
	LINE : 180mV/47kΩ
Frequency response	PHONO : 20Hz to 20kHz (±0.5dB)
	LINE : 20Hz to 80kHz (within -3.0dB)
Total harmonic distortion	1% or less (1kHz, 10W/6Ω)
S/N ratio (IHF-A)	PHONO (MM) : 84dB or more
	PHONO (MC) : 64dB or more
	LINE : 95dB or more
Circuit	Driver : P-K split phase inversion circuit
	Output : Pentode power tubes
Vacuum tubes	ECC83×3, EL84×4
Power supply	230V~(50Hz), 115V~(60Hz)
Power consumption	98W
External dimensions	297(W) x 188(H) x 251(D) mm
	20mm front panel knob of and 21mm rear panel terminals are included in the depth measurement
Net weight	12.4kg (main unit)
Accessories	Remote control (RA-25), Power cable
Speaker terminal	Width of part a : 14.5mm or less
Supported Y-lug terminal dimension	Width of part b : 7.5mm or more



\* Connection may not be performed depending on the shape of the Y-lug terminal.

\*Please cover the unit with the bonnet provided for safety.

# D-N150 COMPACT DISC PLAYER



Internal configuration

## SPECIFICATIONS

Applicable disc	2channel CD, CD-R
Supported sampling frequencies	USB input : 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz(16, 24, 32bits)
	COAX/OPT input : 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz(16, 20, 24bits)
Analog output voltage / impedance	2.1V/300Ω
Frequency response	CD : 5Hz to 20kHz (+0, -0.5dB)
	COAX/OPT/USB : 5Hz to 50kHz (+0, -3.0dB)
Total harmonic distortion	0.005%
S/N ratio (IHF-A)	110dB
Power supply	230V~(50Hz), 115V~(60Hz)
Power consumption	13W
External dimensions	297(W) x 98(H) x 222(D) mm
	4mm front panel knob of and 8mm rear panel terminals are included in the depth measurement
Net weight	5.0kg (main unit)
Accessories	Remote control (RD-27), Power cable

\* LUXMAN Audio Player (corresponding to Windows 10 / Mac OS X v10.13) and driver software for Windows can be downloaded from LUXMAN homepage.

\* Apple, Mac, Mac OS, Macintosh is a registered trademark of Apple Inc. in the U.S. and other countries.

\* Microsoft, Windows is a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries.

\* Specifications and appearance are subject to change without notice \* The products listed in this catalog do not include line cables. Please purchase cables separately.

# LUXMAN

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## Safety Cautions

To ensure correct use of this product, read the "Owner's Manual" prior to use. Failure to follow all safeguards can result in fire, electric shock, or other accidents.

