

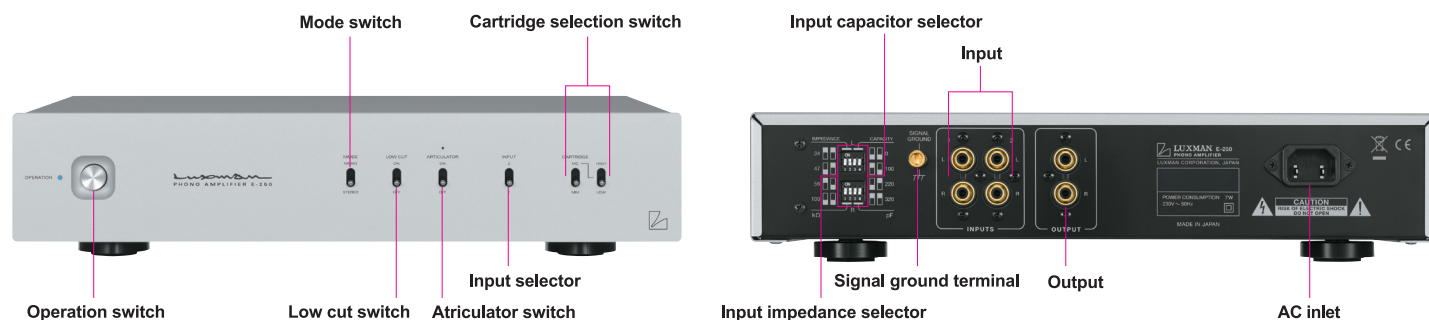
# LUXMAN

PHONO AMPLIFIER  
**E-250**



# E-250 PHONO AMPLIFIER

## A complete phono equaliser designed for rich vinyl playback

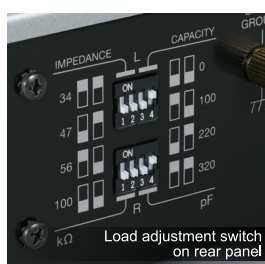


\*Rear panel : European Model

The E-250 is the latest phono amplifier from LUXMAN, inheriting the best in design from its predecessor the E-200 that has been the reference model for compact phono equalizer amplifiers since it was released in 2008. A newly added function to the E-250 is the switching capability of load impedance and load capacity according to the cartridge characteristics for the ultimate enjoyment of the original detail of analog reproduction. The E-250 allows the listener to adjust the fine settings for every performance, releasing the expression engraved in the grooves and creating a hitherto unknown musical impression.

### ■ Optimizing the cartridge load adjustment

The rear panel is equipped with a load impedance selector (34k/47k/56k/100kΩ) and a load capacity selector (0p/100p/220p/320pF) to match the characteristics of the cartridge and exploiting it to its full potential.



### ■ Specially selected embedded MC transformer

The E-250 features a step-up transformer with a 2 stage gain selection function in which a L/R independent super permalloy core is used, thereby supporting even low impedance MC cartridges. This creates a rich and expressive musicality that is only possible by boosting of the transformer.

### ■ Large capacity power supply circuit

The newly developed low profile, large capacity block capacitor together with a regulator circuit with discrete configuration that are used in the power supply circuit achieve the desired high quality power supply environment. The E-250 power supply circuit also features LUXMAN's original round pattern board allowing the smooth transmission of the delicate sound signals.

### ■ Articulation function

The articulation function is designed to demagnetize the cartridge and the MC transformer using the signal current of music reproduced when magnetization of the cartridge has caused the sound quality to deteriorate. The articulation function can help to restore the cartridge to its original characteristics and maintain quality at a maximum level.

### ■ NF Type equalizer circuit

The NF type equalizer circuit in the E-250 features many of LUXMAN's original and custom built parts. This equalizer has a high S/N ratio which reduces noise by connecting the first stage FET in parallel. A monaural switch when playing a monaural record is provided as well as a low cut switch that cuts out low frequency signals that can be generated by distorted records.



### ■ Input selection

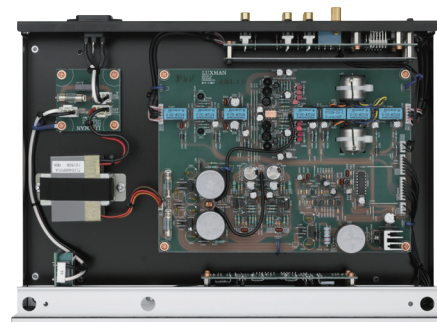
The input can be selected from the front panel with 'one touch' operation from 2 players or a player with a twin arm. The option to easily change the cartridge type with respect to the input allows a favourite cartridge to be chosen for each phonograph record.

### ■ Aluminium blaster white front panel

The front panel design of the E-250 is finished with blaster white and offers lever type control switches on a compact sized body. This mechanically designed layout exudes a sense of class.

## SPECIFICATIONS

Circuiting system	NF type equalizer amplifier
Input sensitivity	MM: 3.2mV MC HIGH: 0.37mV, MC LOW: 0.12mV
Input impedance	MM: 34kΩ/47kΩ/56kΩ/100kΩ (switch selection) MC HIGH: 40Ω, MC LOW: 2.5Ω
Rated output/output impedance	250mV/300Ω
Gain	MM: 38dB MC HIGH: 57dB, MC LOW: 66dB
Maximum allowable input (1kHz)	MM: 120mV MC HIGH: 15mV, MC LOW: 5mV
RIAA deviation	MM: 20Hz to 20kHz (±0.3dB), MC HIGH/MC LOW: 20Hz to 20kHz (±0.5dB)
Total harmonic distortion	0.003%
S/N ratio (1HF-A)	MM: 90dB MC HIGH: 83dB, MC LOW: 80dB
Channel separation (10kHz)	91dB
Input	Unbalanced line x 2
Output	Unbalanced line x 1
Power supply	230V~(50Hz) / 115V~(50Hz)
Power consumption	7W
External dimensions	364(W) x 81(H) x 274(D) mm front side knob of 6mm and rear side terminal of 11mm included in depth
Net weight	4.3kg (main unit)
Accessories	Power cable



Internal configuration

\* Specifications and appearance are subject to change without notice.

\* The product listed in this catalog does 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.