

# LUXMAN

**NT-07** Black Edition CENTENNIAL

**D-07X** Black Edition CENTENNIAL

**L-509Z** Black Edition CENTENNIAL

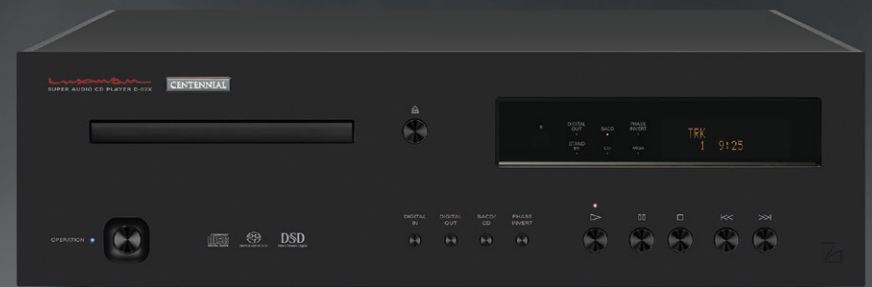
**PD-151** *MARK II* Black Edition CENTENNIAL



# LUXMAN's limited production release —



**L-509Z** Black Edition CENTENNIAL  
INTEGRATED AMPLIFIER



**D-07X** Black Edition CENTENNIAL  
SUPER AUDIO CD PLAYER



Internal configuration



VU level meter & 7-segment LED



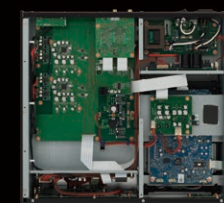
Highly regulated power supply



LIFES Version 1.0



LECUA-EX



Internal configuration  
(Bottom side)



Internal configuration  
(Upper side)



LxDTM-i drive mechanism



MQA decoder board



ROHM DAC chips

# Black Edition CENTENNIAL System



**NT-07** Black Edition CENTENNIAL  
NETWORK TRANSPORT



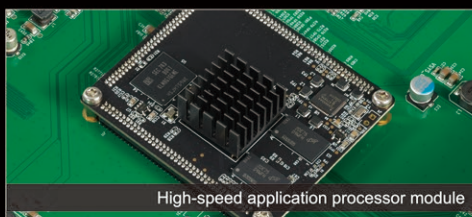
**PD-151 MARK II** Black Edition CENTENNIAL  
BELT DRIVE ANALOG PLAYER



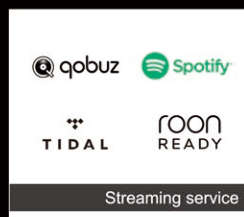
Internal configuration



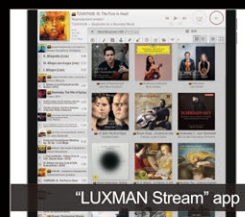
EL display



High-speed application processor module



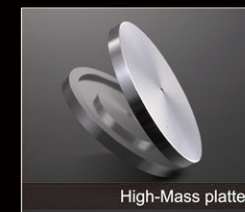
Streaming service



"LUXMAN Stream" app



DC brushless motor



High-Mass platter



Tonearm with knife edge bearing



3-step Rotation speed switch



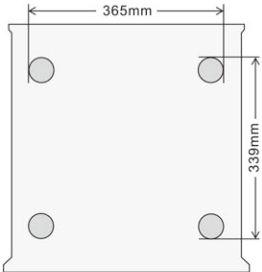
Damping insulators

SPECIFICATIONS

L-509Z Black Edition CENTENNIAL

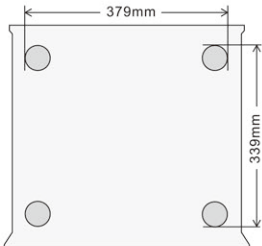
|                                       |                                                                                                                                                                                                      |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| INTEGRATED AMPLIFIER                  |                                                                                                                                                                                                      |
| Rated output                          | 120W + 120W (8Ω), 220W + 220W (4Ω)                                                                                                                                                                   |
| Input sensitivity/<br>input impedance | PHONO (MM) : 2.5mV/47kΩ<br>PHONO (MC-H) : 0.3mV/100Ω<br>PHONO (MC-L) : 0.1mV/40Ω<br>LINE : 180mV/47kΩ<br>BAL.LINE : 180mV/79kΩ<br>MAIN IN : 1.1V/47kΩ                                                |
| Output voltage                        | PRE OUT : 1V                                                                                                                                                                                         |
| Frequency response                    | PHONO : 20Hz to 20kHz (±0.5dB)<br>LINE : 20Hz to 100kHz (within -3dB)                                                                                                                                |
| Total harmonic distortion             | 0.007% or less (8Ω, 1kHz)<br>0.03% or less (8Ω, 20Hz to 20kHz)                                                                                                                                       |
| S/N ratio (IHF-A)                     | PHONO (MM) : 87dB or more<br>PHONO (MC-H) : 70dB or more<br>PHONO (MC-L) : 62dB or more<br>LINE : 106dB or more                                                                                      |
| Volume adjustment                     | LECUA-EX                                                                                                                                                                                             |
| Amplification feedback circuit        | LIFES 1.0                                                                                                                                                                                            |
| Output configuration                  | Bipolar 4-parallel push-pull                                                                                                                                                                         |
| Damping factor                        | 330                                                                                                                                                                                                  |
| Max. amount of tone control           | BASS: ±8dB at 100Hz<br>TREBLE: ±8dB at 760Hz<br>TREBLE: ±8dB at 10kHz                                                                                                                                |
| Power supply                          | 230V~(50Hz) / 115V~(60Hz)                                                                                                                                                                            |
| Power consumption                     | 390W, 150W (under no signal), 0.5W (at standby)                                                                                                                                                      |
| External dimensions                   | 440(W) x 193(H) x 463(D) mm<br>front side knob of 20mm and rear side terminal of 37mm included in depth                                                                                              |
| Net weight                            | 29.4kg (main unit)                                                                                                                                                                                   |
| Accessories                           | Remote control (RA-17A), Power cable                                                                                                                                                                 |
| Speaker terminal                      | Width of part a: 16mm or less                                                                                                                                                                        |
| Supported Y-lug terminal dimension    | Width of part b: 7mm or more<br><br>* Connection may not be performed depending on the shape of the Y-lug terminal. |

Insulator position / dimensions



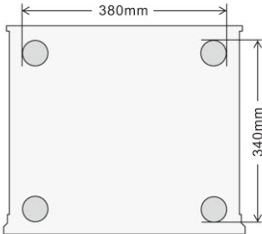
D-07X Black Edition CENTENNIAL

|                                   |                                                                                                                                                                                                                                                                                                          |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SUPER AUDIO CD PLAYER             |                                                                                                                                                                                                                                                                                                          |
| Supported discs                   | SACD, CD (CD-R, CD-RW, MQA-CD)                                                                                                                                                                                                                                                                           |
| Supported sampling frequencies    | USB input (PCM) : 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 kHz, 705.6 kHz, 768 kHz (16, 24, 32-bit)<br>USB input (DSD) : 2.8 MHz, 5.6 MHz, 11.2 MHz, 22.4 MHz (1-bit)<br>Coaxial / Optical input : 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16, 20, 24-bit) |
| Analog output voltage / impedance | Unbalanced : 2.4 V / 300 Ω,<br>Balanced : 2.4 V / 600 Ω<br>For SACD / DSD : 2.3 V                                                                                                                                                                                                                        |
| Frequency response                | CD : 5 Hz to 20 kHz (+0, -1.0 dB)<br>SACD : 5 Hz to 38 kHz (+0, -3.0 dB)<br>USB : 5 Hz to 47 kHz (+0, -3.0 dB)                                                                                                                                                                                           |
| Total harmonic distortion         | CD : 0.0016 %, SACD : 0.0007 %, USB : 0.001 %                                                                                                                                                                                                                                                            |
| S/N ratio (IHF-A)                 | CD : 122 dB, SACD : 125 dB, USB : 122 dB                                                                                                                                                                                                                                                                 |
| D/A converter                     | ROHM BD34301EKV (monaural mode) x 2                                                                                                                                                                                                                                                                      |
| Power supply                      | 230 V~(50 Hz) / 115 V~(60 Hz)                                                                                                                                                                                                                                                                            |
| Power consumption                 | 37W                                                                                                                                                                                                                                                                                                      |
| Dimensions                        | 440(W) x 132(H) x 410(D) mm<br>front side knob of 2 mm and rear side terminal of 8 mm included in depth                                                                                                                                                                                                  |
| Net weight                        | 17.0 kg                                                                                                                                                                                                                                                                                                  |
| Accessories                       | Remote control (RD-29), Power cable                                                                                                                                                                                                                                                                      |



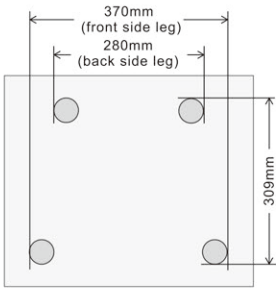
NT-07 Black Edition CENTENNIAL

|                                |                                                                                                                                                                                                                                                                                  |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NETWORK TRANSPORT              |                                                                                                                                                                                                                                                                                  |
| Digital input                  | Network : 1000 Base-T (gigabit · ethernet)<br>HDMI : PCM 2 channel, 4K pass-through ARC (Audio Return Channel) supported                                                                                                                                                         |
| Digital output                 | USB (USB2.0), OPT, COAX<br>HDMI : PCM 2 channel, 4K pass-through ARC (Audio Return Channel) supported                                                                                                                                                                            |
| Storage connection             | USB x 2 terminals (USB2.0, single partition, FAT32, exFAT, NTFS)                                                                                                                                                                                                                 |
| Supported sampling frequencies | USB : PCM 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 kHz, 705.6 kHz, 768 kHz (16, 24, 32-bit)<br>DSD : 2.8 MHz, 5.6 MHz, 11.2 MHz, 22.5 MHz (1-bit)<br>COAX / OPT / HDMI (ARC) : 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16, 24-bit) |
| Corresponding format formats   | WAV, AIFF, FLAC, ALAC, MQA, MP3, AAC, DSD (DSF, DFF)                                                                                                                                                                                                                             |
| Streaming protocols            | UPnP (OpenHome), TIDAL Connect, Spotify Connect, Roon Ready                                                                                                                                                                                                                      |
| Power supply                   | 230 V~(50 Hz) / 115 V~(60 Hz)                                                                                                                                                                                                                                                    |
| Power consumption              | 27 W (HDMI in/output when connected to USB storage)<br>5.9 W (HDMI in/output when USB storage is disconnected)                                                                                                                                                                   |
| Dimensions                     | 440(W) x 92(H) x 398(D) mm<br>front side knob of 3 mm and rear side terminal of 13 mm included in depth                                                                                                                                                                          |
| Net weight                     | 10.3 kg (main unit)                                                                                                                                                                                                                                                              |
| Accessories                    | Remote control (RC-30), Power cable                                                                                                                                                                                                                                              |



PD-151 MARK II Black Edition CENTENNIAL

|                             |                                                                                                                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BELT DRIVE ANALOG PLAYER    |                                                                                                                                                                                                                                                                                    |
| Phono motor section         |                                                                                                                                                                                                                                                                                    |
| Drive system                | Belt drive system                                                                                                                                                                                                                                                                  |
| Motor                       | Brushless DC motor with PID control                                                                                                                                                                                                                                                |
| Material                    | Machined aluminum, Surface finish: Diamond cut                                                                                                                                                                                                                                     |
| Revolution                  | 331/3rpm, 45rpm, 78rpm (3 speeds selectable)                                                                                                                                                                                                                                       |
| Revolution adjustment range | ±6% (each rotation speed adjustable independently)                                                                                                                                                                                                                                 |
| Wow and flutter             | 0.04% or less (W.R.M.S.)                                                                                                                                                                                                                                                           |
| Weight                      | 4.0kg (Platter)                                                                                                                                                                                                                                                                    |
| Tone arm section            |                                                                                                                                                                                                                                                                                    |
| Type                        | Static balanced, S shaped, universal type                                                                                                                                                                                                                                          |
| Bearing                     | Concealed knife edge                                                                                                                                                                                                                                                               |
| Effective length            | 222.5mm                                                                                                                                                                                                                                                                            |
| Overhang                    | 18mm                                                                                                                                                                                                                                                                               |
| Tracking error angle        | ±3° or less                                                                                                                                                                                                                                                                        |
| Applicable cartridge weight | 4 to 10g (including headshell 17 to 23g)                                                                                                                                                                                                                                           |
| Adjustable height range     | 15mm                                                                                                                                                                                                                                                                               |
| Anti-skating                | 0 to 4g                                                                                                                                                                                                                                                                            |
| Main unit                   |                                                                                                                                                                                                                                                                                    |
| Power source                | 230V~50Hz                                                                                                                                                                                                                                                                          |
| Power consumption           | 6W                                                                                                                                                                                                                                                                                 |
| Dimensions                  | 465(W) x 133(to the upper surface of the platter) (H) x 393(D) mm                                                                                                                                                                                                                  |
| Net weight                  | 15.8kg (main unit), 17.2kg (with dust cover)                                                                                                                                                                                                                                       |
| Accessories                 | Platter, Headshell, Rubber mat<br>Rubber belt, Platter mount handle (2 pieces)<br>EP adaptor, Counterweight<br>Arm adjustment hex wrench set (2 types)<br>Flathead screwdriver for rotation speed adjustment<br>phono cable (DIN→RCA : already installed in the unit), Power cable |



\* 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.

