

Lukasa

SN004

BT/CD/MP3/USB PLAYBACK

User Manual

Please read this operation manual carefully before using this unit.

Foreword

To users
Welcome to join us and we greatly appreciate your selection of **Lukasa** products.
In order to make full use of your player, please read this manual before use so that you can well know the connection method and key points of operation of this system. You will find that we have made a lot of explorations in the design, manufacturing process, humanized operation and so on in order to meet the requirements of our users.
Please keep this manual in a safe place for future reference.
Open the package
Please carefully open the package, confirm the following accessories and place them in a safe place to prevent missing.



- Operation Manual/Warranty Card 1PC
- Charger cable 1PC

If the design of this unit is modified and become inconsistent with the specifications in this manual, please operate strictly to the actual product, and any modification may not be notified.

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	Warning To avoid fire or electric shock, do not expose the unit to rain or moisture.
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	Attention The laser beam emitted by laser head may cause some harm if it directly irradiates the human body. You must operate this unit according to this operation manual. Do not open the case of this unit or repair by yourself to avoid exposure yourself to the laser beam.
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Precautions

Please read this operation manual carefully before using this unit, and please keep this manual in a safe place for future reference. All warnings and precautions in this manual and on the unit as well as the following safety rules must be strictly observed.

Working environment

- Water and moisture.** Do not use this unit near water, such as near bath tub, washing basin, kitchen sink, laundry tub, wet floor, swimming pool or similar places.
- High heat.** Do not use this unit near heat sources, including heating pipe, heater or other appliances that generate heat.
- Surface to be placed.** Place this unit on a flat surface.
- Ventilation.** Place this unit in a space with adequate ventilation around. Space more than 10cm shall be left above and behind this unit and on the two sides of the unit, there shall be spaces more than 5cm left.
 - Don't place the unit on a bed, blanket or similar surface that may obstruct the vents.
 - Don't place the unit in a bookshelf, cabinet or enclosed shelf which may affect the ventilation of the unit.
- Do not allow objects or liquids to enter the body of the unit from the vents.**
- Condensation.** Moisture may condense at the laser lens under the following conditions:
 - This unit is moved from a cold place to a warm place.
 - The heating system has just started.
 - This unit is used in a very humid room.
 This unit can't work properly when condensation occurs inside the unit. If this happens, you shall stop using it for a few hours before further operation.
- It is forbidden to place a liquid-filled article, such as a flower vase and so on, on the unit.**

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Precautions

If the power plug of the adapter is used as a disconnecting device, the power supply shall be properly located for easy operation.

When charging is completed or it is not charging, please disconnect the charger from the unit and unplug the charger.

Do not drop or bump the charger. If the charger case is damaged, replace the adapter immediately.

If the power wire of the charger plug is damaged, do not continue to use it to avoid electric shock or fire.

In order to improve the service life of the data cable, do not pull the data cable with hand after charging or connecting with computer.

Do not touch the unit or charger with wet hands to avoid short circuit, malfunction or electric shock.

If the unit or charger is exposed to rain, liquid or severe moisture, stop using it immediately.

Never use organic solvent, acid/alkali or other chemical liquids to clean the unit to prevent damage to the case of the unit.

Do not use or store the unit under high temperature, high pressure, humidity, strong static and in strong magnetic field so as not to cause internal circuit failure of the unit.

Please use this unit under 0°C ~ 35°C and store it and the related accessories under -20°C ~ 50°C.

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Main Technique Specification

Power supply: rechargeable lithium battery 18650, 3.7V
Output power: 1W (Watts)
CD playback frequency range: 31.5Hz-16kHz±3dB
CD signal to noise ratio: ≥50dB
CD Sampling Frequency: 44.1kHz
Digital-audio conversion method: 18 bits
Speaker impedance: 4 (ohms)
Unit Size: 8145mmX25mm
Weight: about 340g

Please feel free to contact me if you need any further information.

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This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

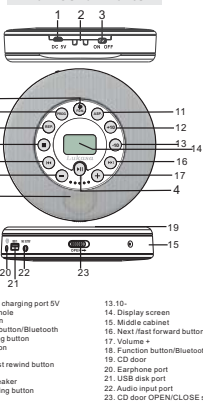
Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

RF Exposure
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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Names of Parts



- External DC charging port 5V
- Carry strap hole
- On/off button
- Play/pause button/Bluetooth
- Repeat button
- Stop button
- Previous/fast-rewind button
- Volume+
- Ball-balancing speaker
- Anti-shocking button
12. 10+
13. 10-
14. Display screen
15. Middle cabinet
16. Next/fast-forward button
17. Volume+
18. Function button/Bluetooth Emit
19. CD door
20. Earphone port
21. USB disk port
22. Audio input port
23. CD door OPEN/CLOSE switch

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Functions of Buttons on the Unit

No.	Name of button on front panel	Functions
1	DC 5V port	USB charging port
2	Carry strap hole	Not carry strap
3	On/Off	Power on/off
4	Play/Pause/Bluetooth	Normally press this button to start playback or pause playback. Use touch connected.
5	Programmed button	Programmed key
6	Repeat button	Single press repeat, fiber repeat (MP3 disc).
7	Disc button	Multi-repeat, Random
8	Previous	press one time to skip to the previous track, long press to last record.
9	Volume+	Normally press to increase volume
10	Speaker	Ball-balancing speaker
11	Anti-shock button	Switch for anti-shock function
12	+10	Normally press to forward 10 tracks at one time with skipping.
13	-10	Normally press to back 10 tracks at one step with skipping.
14	Display screen	Function display area
15	Middle cabinet	This unit can amplify and the output all external audio sources (such as mobile phones, MP3 player, tape player, CD player and radio, etc.). For this, you shall insert the input line to the audio input port (22) and turn the function selection button (18) unit to display "AUX" on the LCD screen, then it is transferred to AUX mode. Open the external audio source, signals will be input, amplified and output through this unit.
16	Next	Normally press to skip to the next track, long press to fast forward
17	Volume+	Normally press to increase volume
18	Function button Bluetooth Emit	Convert among CD/MP3/AUX for multi-stand press. Long Press for Bluetooth emit.
19	CD holder door	CD holder door
20	Earphone port	Earphone output port
21	USB port	External media input port
22	Line In	External media input port
23	CD door switch	Switch button for CD door

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Descriptions for Functions

Power supply

- This unit has a built-in 18650 rechargeable lithium-ion battery for power supply
- Lithium battery charge
When the battery is out of power, you need to connect the external MICRO USB 5V for charging.
When charging, the battery symbol on the LCD flashes, when fully charged, the battery symbol on the LCD is no longer flashing and full charge is displayed.
It takes about 4 hours to fully charge with 1000mA charging current.

Earphone connection method

You can use earphone to listen to the program played by this unit. Please plug the earphone into the earphone port (20) and then the speaker will be automatically disconnected.

Audio input connection method

This unit can amplify and the output all external audio sources (such as mobile phones, MP3 player, tape player, CD player and radio, etc.). For this, you shall insert the input line to the audio input port (22) and turn the function selection button (18) unit to display "AUX" on the LCD screen, then it is transferred to AUX mode. Open the external audio source, signals will be input, amplified and output through this unit.

Bluetooth emit function

- During the CD/USB playback, long press function button (18), then the Bluetooth symbol (📶) flashes on the LCD display. And this unit is in the Bluetooth emitting status.
- Searching the Bluetooth device with Bluetooth receiving function. When find this device name of "SN004" and connect it. After successfully pairing, the Bluetooth symbol (📶) will light on the LCD display, then the music will be transmitted to play on this Bluetooth device.
- If need to stop the Bluetooth emitting, long press function button (18) to exit. Then the Bluetooth symbol (📶) will disappear from LCD display, and playback the music on this unit again.

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Bluetooth playback function

- Press the function button (18) to select the Bluetooth function. Then "BT" flashes on the LCD and the Bluetooth is in the pairing status at this time.
- Turn on the phone or other Bluetooth device. When they find the local Bluetooth device, the device name of "SN004" will be displayed. If the software version of the mobile phone or other Bluetooth device is too low, and you need to enter the Bluetooth password, please enter the local device password "0000" and they will be paired successfully.
- Then music will be played through Bluetooth.
- Press and hold the play/pause button (4) in the Bluetooth status to clear the original Bluetooth device and search for new Bluetooth device again.
- During Bluetooth status, press the play/pause button to play/pause the Bluetooth music; press the previous or next button to skip to the previous track or next track.
- Telephone answering. After Bluetooth pairing, press the play button once to answer the call and long press the play button to reject the call; after answering the call, instantly press the play button to hang up and instantly press the play button twice after Bluetooth pairing can be call back.

CD/MP3 Disc Operation

- Press the CD door switch at "ON" to open the CD door and place the CD/MP3 disc on the CD mechanism, then close the CD door. After a few seconds, the first track will be played automatically, and the LCD will display the current disc format, such as "CD", "MP3", etc.
- Press the play/pause button (4) to temporarily stop play. Press this button again to resume play.
- If you want to stop play during playing status, press the stop button (7) to stop play.
- During playing status, press the previous button to skip to the previous track, press the next button to skip to the next track. If you press and hold the next previous button, it will go fast forward or fast rewind.

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- During the playing, press the repeat button (6), first time will be repeated single track, with "↺" flashing on the LCD; press (6) second time, it will not flash and it will get into the "full disc repeat" mode; press the third time, "↺" disappears and "RAND" is displayed, then it gets into random play mode; press for the fourth time, "RAND" disappears, the unit back to normal playing status. Press the repeat button (6) to shift in various repeat modes.
***CD/MP3 disc has a memory playback function.
6. Press the anti-shock button (11) to prevent the CD disc from being shocked. It does not working for MP3 disc. During the CD playing status, press the anti-shock button (11), LCD displays "ASP", enter the anti-shock mode. Press this button again, exit anti-shock mode, LCD "ASP" will disappear.
7. Programming: when the play is stopped, press the programming button (5) to enter the programming status. Press the next or previous button to select the song to be programmed, and then press the programming button to save a song. It can program up to 20 songs. After programming, press the play button (4) to play the songs in the programmed order.

USB Play

- Insert the USB disk into the USB port (21) and press the function button (18) to enter the USB play mode, the songs in the USB disk will be played directly with "USB" displayed on the LCD.
- If you want to end the play of USB disk, press the stop button (12). After the player is stopped, you can extract the USB disk.
Note under the power-on status, press the function button (18) to select different functions in the following order:
Play CD/MP3 disc ▶ Play USB when USB is plugged in ▶ BT▶ AUX
*** Do not directly extract the USB disk while playing, otherwise it may cause program error.

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Maintenance

- If the unit body is very dirty, you shall use a soft cloth that has been dipped in clear water and twisted to wipe the unit body. If you want to use chemical cleaners, please read the relevant instructions first. Never use alcohol or thinner to clean the case.
- After using for a long time, the laser lens of this unit may become dirty, causing the sound to pause when playing. In this case, use a camera lens brush to gently wipe off the dust, and then blow it with a blower. You can also wipe the laser lens with a clean cotton swab that is dipped with a little water-free alcohol, and then wipe the lens again with another clean cotton swab.
- Do not touch the data surface (silver surface) when holding the disc by hand to avoid the sound pause during play.
- If the data surface of the disc is dirty, wipe with a soft damp cloth and then dry it. Note: wipe the disk straight from the center and don't rotate the disc when wiping.
- Do not write or affix label on the disc

Guideline for Simple Troubleshooting

Trouble	Possible cause	Resolution
Failure to work	Dead battery	Fully charge the battery before using it.
Not play	Disc placed improperly	Place the disc properly with printed side up.
	Incompatible disc CD door not closed	Replace with compatible discs Close CD door
No sound	Wrong operation	Operate according to the above instructions
	Volume all lowest level	Turn up the volume.
Sound pause	Dirty disc or laser lens	Clean the disc or laser lens
	Disc scratched or curved	Replace the disc.

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