



## Lenco LBT-120 Turntable with Bluetooth and USB Direct Encoding User Manual

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# Lenco

**Model: LBT-120**



User manual – Turntable with Bluetooth and USB direct encoding

### **CAUTION:**

Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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## PRECAUTIONS BEFORE USE

### KEEP THESE INSTRUCTIONS IN MIND:

1. Do not cover or block any ventilation openings. When placing the device on a shelf, leave 5 cm (2") free space around the whole device.
2. Install in accordance with the supplied user manual.
3. Keep the device away from heat sources such as radiators, heaters, stoves, candles, and other heat-generating products or naked flame. The device can only be used in moderate climates. Extremely cold or warm environments should be avoided. Working temperature between 0° and 35°C.
4. Avoid using the device near strong magnetic fields.
5. Electrostatic discharge can disturb the normal usage of this device. If so, simply reset and restart the device following the instruction manual. During file transmission, please handle with care and operate in a static-free environment.
6. Warning! Never insert an object into the product through the vents or openings. High voltage flows through the product and inserting an object can cause electric shock and/or short circuit internal parts. For the same reason, do not spill water or liquid on the product.
7. Do not use in wet or moist areas such as bathrooms, steamy kitchens, or near swimming pools.
8. The device shall not be exposed to dripping or splashing and make sure that no objects filled with liquids, such as vases, are placed on or near the apparatus.
9. Do not use this device when condensation may occur. When the unit is used in a warm wet room with damp, water droplets or condensation may occur inside the unit and the unit may not function properly; let the unit stand in power OFF for 1 or 2 hours before turning on the power: the unit should be dry before getting any power.
10. Although this device is manufactured with the utmost care and checked several times before leaving the factory, it is still possible that problems may occur, as with all electrical appliances. If you notice smoke, an excessive build-up of heat, or any other unexpected phenomena, you should disconnect the plug from the main power socket immediately.
11. This device must operate on a power source as specified on the specification label. If you are not sure of the type of power supply used in your home, consult your dealer or local power company.
12. Keep away from animals. Some animals enjoy biting on power cords.
13. To clean the device, use a soft dry cloth. Do not use solvents or petrol-based fluids.  
To remove severe stains, you may use a damp cloth with diluted detergent.
14. The supplier is not responsible for damage or lost data caused by malfunction, misuse, modification of the

device, or battery replacement.

15. Do not interrupt the connection when the device is formatting or transferring files. Otherwise, data may be corrupted or lost.
16. If the unit has a USB playback function, the USB memory stick should be plugged into the unit directly. Don't use a USB extension cable because it can cause interference resulting in failure of data.
17. The rating label has been marked on the bottom or back panel of the device.
18. This device is not intended for use by people (including children) with physical, sensory, or mental disabilities, or a lack of experience and knowledge unless they're under supervision or have received instructions about the correct use of the device by the person who is responsible for their safety.
19. This product is intended for nonprofessional use only and not for commercial or industrial use.
20. Make sure the unit is adjusted to a stable position. Damage caused by using this product in an unstable position vibrations or shocks or by failure to follow any other warning or precaution contained within this user manual will not be covered by warranty.
21. Never remove the casing of this device.
22. Never place this device on other electrical equipment.
23. 23. Do not allow children access to plastic bags.
24. Only use attachments/accessories specified by the manufacturer.
25. Refer all servicing to qualified service personnel. Servicing is required when the device has been damaged in any way, such as the power supply cord or the plug, when liquid has been spilled or objects have fallen into the device, when the device has been exposed to rain or moisture, does not operate normally, or has been dropped.
26. Long exposure to loud sounds from personal music players may lead to temporary or permanent hearing loss.
27. If the product is delivered with a power cable or AC power adaptor:
  - If any trouble occurs, disconnect the AC power cord and refer servicing to qualified personnel.
  - Don't step on or pinch the power adaptor. Be very careful, particularly near the plugs and the cable's exit point. Do not place heavy items on the power adaptor, which may damage it. Keep the entire device out of children's reach!

When playing with the power cable, they can seriously injure themselves.

- Unplug this device during lightning storms or when unused for a long period.
  - The socket outlet must be installed near the equipment and must be easily accessible.
  - Do not overload ac outlets or extension cords. Overloading can cause fire or electric shock.
  - Devices with class 1 construction should be connected to a main socket outlet with a protective earthed connection.
  - Devices with class 2 construction do not require an earthed connection.
  - Always hold the plug when pulling it out of the main supply socket. Do not pull the power cord. This can cause a short circuit.
  - Do not use a damaged power cord or plug or a loose outlet. Doing so may result in fire or electric shock.
28. If the product contains or is delivered with a remote control containing coin/cell batteries: Warning:
    - "Do not ingest battery, Chemical Burn Hazard" or equivalent working.
    - [The remote control supplied with] This product contains a coin/button cell battery. If the battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
    - Keep new and used batteries away from children.
    - If the battery compartment does not close securely, stop using the product and keep it away from children.
    - If you think batteries might have been swallowed or placed inside any part of the body, seek immediate

medical attention.

29. **Caution** about the use of Batteries:

- The danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.
- The battery cannot be subjected to high or low extreme temperatures, low air pressure at high altitude during use, storage or transportation.
- Replacement of a battery with an incorrect type can result in an explosion or the leakage of flammable liquid or gas.
- Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Leaving a battery in an extremely high temperature surrounding environment can result in an explosion or that leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.
- Attention should be drawn to the environmental aspects of battery disposal.

## **INSTALLATION**

- Unpack all parts and remove protective material.
- Do not connect the unit to the mains before checking the mains voltage and before all other connections have been made.

\* These instructions are related only to products using power cable or AC power adaptor.

### **Information for the power adaptor**

Power supply adaptor

- Manufacturer: Blue Iron
- Model number: BI12T-120100-I
- Adaptor type: External AC adaptor
- Use only the power supply listed in the user instructions

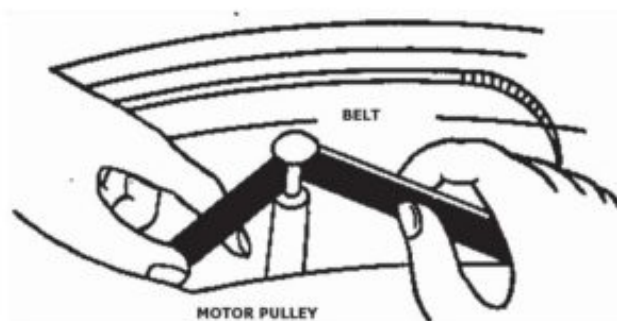
Information	Value and precision	
Manufacturers name or trademark, commercial registration, and address	– Dongguan Blue Iron Enterprise	
Model Identifier	– BI12T-120100-1	
Input voltage	100-240V, 50/60H,	0.5A
Input AC frequency	100-240V	
Output voltage	3.0-24.0V	
Output current	0.01-2.4A	
Output Power	12W	
Average active efficiency	84.1%	
Efficiency at low load (10%)	79.27%	
No-load power consumption	0.08W	

## Assembly

### Drive belt:

The belt and turntable platter have been installed properly at the factory, but the belt may be loose during transportation. If so, the following procedures will be taken for belt installation by yourself.

- Remove the rubber mat from the turntable platter and the E ring from the turntable shaft, then release the turntable platter from the shaft
- Put the drive belt on the inner rim of the turntable platter and pull it through the hole
- Hold the belt with your fingers and place the belt onto the motor pulley as shown in the drawing.



- Clip the E ring on the shaft and place the rubber mat onto the turntable platter.

### Caution:

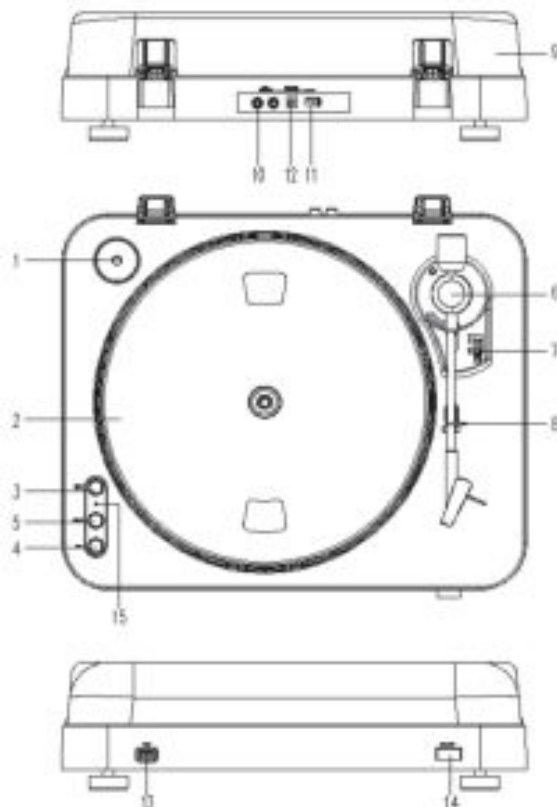
1. Make sure that the drive belt is not twisted or distorted.
2. Avoid oil. Oil splashes will make the belt slippery.

### Auto Return Reset:

Always do the reset for Auto Return once you move this product. The mechanism of Auto Return will rotate irregularly when moving and it will cause the malfunction of Auto Return. The following steps will reset the mechanism to normal.

1. Place a record on the platter and play it.
2. Manually lever the tonearm and place it to the blank part of the end of the record.
3. The mechanism of the Auto-Return function will be adjusted properly and the tonearm will automatically return to the armrest.

## Description



### 1. Adaptor:

Use this adaptor when playing 45 RPM records.

### 2. Platter:

Place a record here to play.

### 3. 33/45 RPM Switch:

Switch 33 or 45 rpm for playing a record at the correct speed.

### 4. REC:

Press it to enter into record mode.

**Remark:** you can not make any recording while the turntable is transmitting sound through Bluetooth.

### 5. SPLIT/PAIR (BLUETOOTH)

**Split function:** For stopping the current recording, forming a record file manually, and then going on recording the next track.

**Pair function:** Press this button until the LED indicator starts flashing blue, then put your Bluetooth speaker or headphone into pairing mode. Then this turntable will connect with the Bluetooth speaker or headphones automatically and the LED indicator will be blue without flashing after the connection is made. The wireless music playback can start. You can start streaming the music wirelessly!

Press this button till the LED indicator becomes blue flashing and the Bluetooth connection is disconnected.

**Remark:** When you try to pair the turntable, better close the Bluetooth function of the Bluetooth products within 10 meters that you do not want to pair.

**Remark:** Bluetooth output and USB recording cannot be used together

6. Pick-up arm stand

**6. Pick-up Arm Lift Stick:**

To raise up and down the Pick-up Arm and cue at a proper place of vinyl.

**7. Pick-up Arm Lock:**

Use this to lock the Pick-up Arm when not in use or for transportation.

**8. Dust Cover:**

Use this to protect the turntable from exposure to dust. The cover may be opened or removed during use but should remain closed when the turntable is not in use.

**9. RCA Line Out Cable**

Connect the RCA line out to a mixer or an amplifier in your sound system.

**10. Power Switch:**

For turning the power on or off through this switch. Please switch off the unit after finishing the playing to save energy..

**11. Power Adaptor**

Connect this adaptor to an AC outlet of the proper voltage.

**12. USB Port Input:**

Plugin a USB Pen Drive for recording the music from a record.

\* The design is only for USB Flash Drive. To prevent the power supply is not sufficient and overheating of the circuit(IC), always get the external power supply if using a hard drive.

**13. Reject**

Press it to force the arm to return directly to the armrest.

**14. LED**

- USB Record Operation and LED Signal Indication
- USB storage device is not plugged. -> LED light is off
- USB storage device is plugged in -> LED flashes
- When the system is ready to record. -> LED light is on
- Press the REC button to start recording. -> LED blinks slowly.
- Press the SPLIT button to create a new file in the recording.
- Press the REC button again to stop recording. -> LED is flashing for a short time, then the LED light is on again.

**Note:** Do not remove the USB storage device if the LED is flashing.

**Mains connection**

Ensure that the mains voltage of your home corresponds to the operating voltage of the unit. Your unit is ready to be connected to the correct voltage of your location.

**Amplifier connection**

Connect RCA line out cable (10) to the AUX input on your amplifier:

- Red plug into R channel input.
- White plug into L channel input.
- Place the record of your choice on the turntable. If it is a 45 rpm, do not forget to place the adaptor (1) on the record spindle.

- Choose the desired playing speed:  
33 rpm -> button unlocked  
45 rpm-> button locked.
  - Release the pick-up arm clip.
  - Place the cartridge vertically over the first track of the record, the turntable starts turning.
  - When the record is over, the pick-up arm returns to its rest, the turntable stops turning
- Take care that the pick-up lift stick is in the down position, close the pick-up armlock to secure the pick-up arm.

## Technical specification

**Power Supply:** AC100-240 60/50HZ

**Power Consumption:** 12W

**Wow & Flutter:** 0.3%

**Distortion:** 3%~4%

**S/N:** 50 dB

**Audio Output Voltage:** 500mV  $\pm$ 200mV

## \* IMPORTANT RECOMMENDATIONS

We advise you to clean your records using an impregnated rag with an antistatic product for maximum enjoyment of your records and also to make them last.

We would also point out that for the same reason your stylus should be replaced periodically (approximately every 250 hours).

Dust the stylus from time to time using a very soft brush dipped in alcohol (brushing from the back to the front of the cartridge).

### 1. Guarantee

Lenco offers service and warranty in accordance with European law, which means that in case of repairs (both during and after the warranty period) you should contact your local dealer.

**Important note:** It is not possible to send products that need repairs to Lenco directly.

**Important note:** If this unit is opened or accessed by a non-official service center in any way, the warranty expires.

This device is not suitable for professional use. In case of professional use, all warranty obligations of the manufacturer will be voided.

### 2. Disclaimer

Updates to Firmware and/or hardware components are made regularly. Therefore some of the instructions, specifications, and pictures in this documentation may differ slightly from your particular situation. All items described in this guide are for illustration purposes only and may not apply to a particular situation. No legal rights or entitlements may be obtained from the description made in this manual.

### 3. Disposal of the Old Device



■ This symbol indicates that the relevant electrical product or battery should not be disposed of as general household waste in Europe. To ensure the correct waste treatment of the product and battery, please dispose of them in accordance with any applicable local laws of the requirement for disposal of electrical equipment or batteries. In so doing, you will help to conserve natural resources and improve standards of environmental protection in the treatment and disposal of electrical waste (Waste Electrical and Electronic Equipment Directive).

### 4. CE Marking





Hereby, Lenco Benelux B.V., Thermiekstraat 1a, 6361 HB Nuth, The Netherlands, declares that this product is in compliance with the essential EU directive requirements. The declaration of conformity may be consulted via [techdoc@commaxxgroup.com](mailto:techdoc@commaxxgroup.com)

## 5. Service

For more information and helpdesk support, please visit [www.lenco.com](http://www.lenco.com) Lenco Benelux BV, Thermiekstraat 1a, 6361 HB, The Netherlands.

## FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

## FCC Warning



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.

**NOTE 1:** 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.

**NOTE 2:** Any 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.

## Documents / Resources

	<p><a href="#">Lenco LBT-120 Turntable with Bluetooth and USB Direct Encoding</a> [pdf] User Manual TT208-1, TT2081, 2ANXU-TT208-1, 2ANXUTT2081, LBT-120 Turntable with Bluetooth and USB B Direct Encoding, Turntable with Bluetooth and USB Direct Encoding, USB Direct Encoding, T urntable</p>
	<p><a href="#">Lenco LBT-120 Turntable with Bluetooth and USB Direct Encoding</a> [pdf] User Manual LBT-120, Turntable with Bluetooth and USB Direct Encoding, Turntable, Bluetooth and USB Direct Encoding, USB Direct Encoding</p>

## References

-  [Lenco.com | Officiële Lenco Webshop](#)
-  [Lenco.com | Officiële Lenco Webshop](#)

Manuals+.