

1byone LP-002

1byone LP-002 Belt Driven Turntable Instruction Manual

Model: LP-002

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1. PRODUCT OVERVIEW

The 1byone LP-002 Belt Driven Turntable combines classic design with modern audio technology. This unit features a pre-set stylus and tone arm, built-in wireless connectivity for streaming audio, and RCA output for connecting to external speakers. It includes integrated 2 x 2W RMS stereo speakers. Additionally, the turntable offers vinyl-to-MP3 recording functionality, allowing conversion of audio from vinyl records to MP3 files using a USB drive (up to 64GB). The power adapter input is 9V 1300mA. This model does not include a headphone jack.

Key Features:

- Traditional style with solid wood appearance and a protective dust cover.
- Selectable playback speeds: 33, 45, and 78 RPM.
- Vinyl-to-MP3 recording: Convert audio from vinyl records into MP3 format files for playback on mobile devices.
- Built-in full-range stereo speakers for clear sound.
- Bluetooth connectivity: Stream music wirelessly from compatible devices (tablets, MP3 players) through the turntable's speakers.

2. SETUP INSTRUCTIONS

2.1 Unpacking and Placement

- Carefully remove the turntable from its packaging.
- Place the turntable on a stable, level surface away from direct sunlight, heat sources, and excessive dust or vibration.
- Ensure adequate ventilation around the unit.

2.2 Connecting Power

1. Connect the DC power adapter to the DC 9V 1300mA input jack on the rear of the turntable.
2. Plug the power adapter into a standard wall outlet.

2.3 Initial Inspection

- Remove any protective packaging materials from the platter and tone arm.
- Ensure the stylus protector is removed before playing records.

3. OPERATING INSTRUCTIONS

3.1 Controls and Components Overview



7/10/12 INCHES RECORD

Selectable 33, 45 and 78RPM speeds



7"/17.5cm



10"/25cm



12"/30cm

Figure 1: Turntable Controls and Components

1. **45 RPM Adapter:** Used for playing 7-inch records with a large center hole.
2. **Speed Selector:** Switch to select 33, 45, or 78 RPM playback speed.
3. **Auto Stop On/Off Switch:** Engages or disengages the automatic stop function at the end of a record.
4. **Tone Arm with Stylus:** The arm holding the needle that reads the record grooves.
5. **Volume Dial:** Adjusts the output volume.
6. **USB Mode Button:** Selects USB playback mode.
7. **Standby/On Button:** Powers the unit on or off.
8. **Recording Button:** Initiates vinyl-to-MP3 recording.
9. **Previous Song Button:** Skips to the previous track in USB/Bluetooth mode.
10. **Phono Mode Button:** Selects Phono (record playback) mode.
11. **Wireless Mode Button:** Selects Bluetooth mode.
12. **Next Song Button:** Skips to the next track in USB/Bluetooth mode.
13. **Play/Pause Button:** Plays or pauses playback in USB/Bluetooth mode.

3.2 Playing Records



- | | | |
|---------------------|-----------------------|----------------------------|
| 1. 45RPM Adapter | 10. Phono Mode | 2. Speed Selector |
| 6. USB Mode | 11. Wireless Mode | 3. Auto Stop On/Off Switch |
| 7. Standby/On | 12. Next Song | 4. Tone Arm with Stylus |
| 8. Recording Button | 13. Play/Pause Button | 5. Volume Dial |
| 9. Previous Song | | |

Figure 2: Record Sizes and Speeds

1. Press the **Standby/On** button to power on the turntable.
2. Press the **Phono Mode** button to select Phono mode.
3. Place a record on the turntable platter. If playing a 7-inch record with a large center hole, use the 45 RPM adapter.
4. Select the appropriate speed (33, 45, or 78 RPM) using the **Speed Selector** switch.
5. Move the **Auto Stop On/Off** switch to the desired position. When ON, the platter will stop rotating automatically at the end of the record. When OFF, the platter will continue to rotate.
6. Gently lift the tone arm and position the stylus over the desired starting groove of the record.
7. Carefully lower the tone arm onto the record. Playback will begin.
8. Adjust the volume using the **Volume Dial**.
9. To stop playback, gently lift the tone arm and return it to its rest.

3.3 Bluetooth Operation

INSTANT PAIRING

Enjoy your favorite music wireless via your mobile phones tablets and other wireless audio devices.



Figure 3: Bluetooth Pairing

1. Press the **Standby/On** button to power on the turntable.
2. Press the **Wireless Mode** button to select Bluetooth mode. The Bluetooth indicator light will flash,

indicating it is ready for pairing.

3. Enable Bluetooth on your external device (e.g., smartphone, tablet) and search for available devices.
4. Select "1byone BS003" from the list of devices. Once paired, the Bluetooth indicator light will stop flashing and remain solid.
5. Play music from your external device. The audio will be streamed through the turntable's speakers.
6. Adjust the volume using the **Volume Dial** on the turntable or your external device.

3.4 Vinyl-to-MP3 Recording

VINYL-TO-MP3 RECORDING

Plug in USB flash drive transform desired audio into MP3 format files

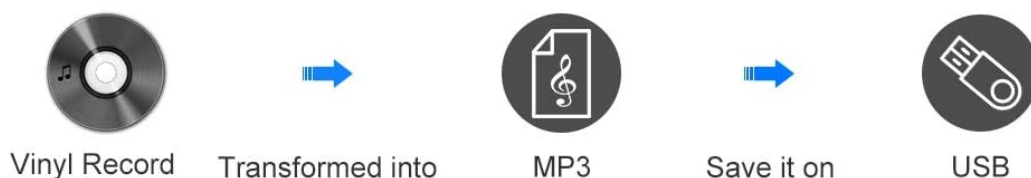


Figure 4: Vinyl-to-MP3 Recording Process

1. Insert a USB flash drive (up to 64GB) into the USB port on the turntable.
2. Ensure the turntable is in **Phono Mode** and a record is playing.
3. Press the **Recording Button**. The recording indicator light will illuminate, indicating that recording has started.
4. To stop recording, press the **Recording Button** again. The indicator light will turn off.
5. The recorded MP3 file will be saved to the USB flash drive.

3.5 External Connections (AUX-IN and RCA OUT)



1

3.5MM AUX-IN

Play the music directly from your smartphone, MP3 player, laptop, etc.



2

RCA OUTPUT

Connect with active/powerd speakers

Figure 5: Turntable Rear Connections

- **3.5mm AUX-IN:** Connect an external audio source (e.g., smartphone, MP3 player, laptop) to the AUX-IN port using a 3.5mm audio cable. The audio from the external device will play through the turntable's speakers.
- **RCA OUTPUT (Line Out):** Connect the RCA Line Out ports (Red for Right, White for Left) to the audio input of an external amplifier or powered speakers. This allows the turntable's audio to be played through a larger sound system.

4. MAINTENANCE

4.1 Cleaning the Turntable

- Wipe the turntable cabinet with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the dust cover closed when not in use to prevent dust accumulation on the platter and stylus.

4.2 Stylus Care

- Clean the stylus periodically using a soft brush, brushing gently from back to front.
- Avoid touching the stylus with your fingers.
- A worn or damaged stylus can damage records and degrade sound quality. Replace the stylus if necessary.

4.3 Record Care

- Keep records clean and free of dust. Use a record brush before each play.

- Store records vertically in their sleeves to prevent warping.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected or outlet not working.	Ensure power adapter is securely connected and plugged into a working outlet.
No sound from speakers	Volume too low; incorrect mode selected; external speakers not connected/powering.	Increase volume. Select correct mode (Phono, Bluetooth, USB). If using external speakers, ensure they are connected and powered on.
Record skips or sound distortion	Record is dirty or scratched; stylus is dirty or worn; turntable not level.	Clean record. Clean or replace stylus. Place turntable on a level surface.
Bluetooth not pairing	Turntable not in Bluetooth mode; device too far; device already paired to another unit.	Ensure turntable is in Bluetooth mode (flashing indicator). Move device closer. Disconnect from other Bluetooth devices.
Vinyl-to-MP3 recording not working	USB drive not inserted or full; USB drive incompatible (over 64GB).	Ensure USB drive is properly inserted and has sufficient space. Use a USB drive 64GB or smaller.

6. SPECIFICATIONS

- **Brand:** 1byone
- **Model Name:** LP-002
- **Model Number:** 471NA-0002
- **Material:** Wood
- **Color:** Walnut Wood
- **Item Weight:** 7.1 Pounds
- **Included Components:** Turntable
- **Compatible Devices:** MP3 Player, Speaker, Tablet
- **Motor Type:** AC Motor
- **Signal Format:** Line-level
- **Voltage:** 9 Volts
- **Power Source:** AC
- **Signal-to-Noise Ratio:** 60 dB
- **Connectivity Technology:** Wireless (Bluetooth)
- **Built-In Media:** Turntable
- **Manufacturer:** 1byone

- **Global Trade Identification Number (GTIN):** 06970323131719
- **Unit Count:** 1.0 Count

7. WARRANTY AND SUPPORT

7.1 Warranty Information

1byone offers a 2-year service warranty for this product. Our California-based office ensures a quick response to any issues or inquiries you may have regarding your turntable.

7.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact 1byone customer support. Refer to the contact information provided in your product packaging or visit the official 1byone website for the most up-to-date support details.