

Soundmaster PL590SW

Soundmaster PL590SW Turntable DAB+ Radio USB MP3 Player User Manual

Model: PL590SW

1. INTRODUCTION

Thank you for purchasing the Soundmaster PL590SW Turntable DAB+ Radio USB MP3 Player. This device combines a classic turntable with modern digital audio capabilities, including DAB+/FM radio, USB MP3 playback, and direct recording to USB. Please read this manual carefully before operating the unit to ensure proper use and to maximize its performance and longevity.

Key Features:

- Turntable with 33/45/78 RPM speed selection
- DAB+/UKW-RDS Radio for digital and analog broadcasts
- USB MP3 playback
- Encoding function: Record audio from turntable or radio directly to USB
- Built-in speakers
- Headphone jack for private listening
- AUX-IN for connecting external audio devices
- Negative LCD display for clear information

2. SAFETY INSTRUCTIONS

To reduce the risk of electric shock, fire, or injury, always follow these basic safety precautions:

- **Power Source:** Connect the unit only to an AC outlet of the specified voltage. Ensure the power cord is not damaged.
- **Water and Moisture:** Do not expose the unit to rain, moisture, dripping, or splashing. Do not place objects filled with liquids, such as vases, on the unit.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a soft, dry cloth only. Do not use liquid

cleaners or aerosol cleaners.

- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel. Opening or removing covers may expose you to dangerous voltage or other hazards.
- **Object and Liquid Entry:** Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
- **Placement:** Place the unit on a stable, flat surface. Avoid placing it in direct sunlight or near strong magnetic fields.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Soundmaster PL590SW unit.

Front and Top Panel Controls:

- **POWER/FUNC Button:** Turns the unit on/off and switches between functions (Turntable, DAB+, FM, USB, AUX).
- **TONE Control:** Adjusts the audio tone (bass/treble).
- **PLAY MODE Button:** Selects playback modes for USB (e.g., repeat all, repeat one).
- **REC Button:** Initiates recording to USB.
- **LCD Display:** Shows current status, track information, radio station, etc.
- **SKIP/SCAN Buttons (<< / >>):** Skips tracks, scans radio stations, navigates menus.
- **PLAY/PAUSE Button:** Plays or pauses audio.
- **MEMORY Button:** Saves radio presets.
- **VOLUME Control:** Adjusts the overall volume level.
- **Headphone Jack:** For connecting headphones.
- **AUX-IN Jack:** For connecting external audio sources.
- **USB Port:** For USB flash drives (MP3 playback and recording).
- **Turntable Platter:** Where records are placed.
- **Tone Arm:** Holds the stylus.
- **Stylus:** Reads the grooves of the record.
- **Speed Selector:** Switch for 33/45/78 RPM.



Figure 3.1: Front view of the Soundmaster PL590SW with dust cover closed. This image displays the main control panel including the power/function button, tone control, play mode, record button, LCD display, skip/scan buttons, play/pause, memory, volume control, headphone jack, AUX-IN, and USB port.



Figure 3.2: Top view of the Soundmaster PL590SW with the dust cover open, showing a vinyl record placed on the platter and the tone arm positioned over it. This illustrates the turntable in operation.



Figure 3.3: Top view of the Soundmaster PL590SW with the dust cover open, revealing the empty turntable platter and the tone arm resting in its holder. This view highlights the turntable components without a record.

4. SETUP

4.1 Unpacking

1. Carefully remove the unit from its packaging.
2. Remove all packing materials, including any protective films or tapes.
3. Retain the packaging for future transport or storage.

4.2 Power Connection

1. Ensure the unit's power switch is in the OFF position.
2. Connect the AC power cord to the power input on the back of the unit.
3. Plug the other end of the power cord into a standard wall outlet (AC 100-240V, 50/60Hz).

4.3 Antenna Connection

For optimal DAB+ and FM radio reception, extend the telescopic antenna located at the rear of the unit. Adjust its position for the best signal quality.

4.4 Initial Power On

Press the **POWER/FUNC** button to turn on the unit. The LCD display will illuminate.

5. OPERATING INSTRUCTIONS

5.1 Function Selection

Press the **POWER/FUNC** button repeatedly to cycle through the available modes: Turntable, DAB+, FM, USB, AUX.

5.2 Turntable Operation

1. Select the "Turntable" function using the **POWER/FUNC** button.
2. Open the dust cover.
3. Place a vinyl record on the turntable platter.
4. Select the appropriate speed (33, 45, or 78 RPM) using the speed selector switch, located near the tone arm base. For 45 RPM records, place the included 45 RPM adapter on the spindle if needed.
5. Release the tone arm lock.
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 automatically.
8. To stop playback, lift the tone arm and return it to its rest. Secure the tone arm lock.

5.3 DAB+ / FM Radio Operation

1. Select "DAB+" or "FM" function using the **POWER/FUNC** button.
2. **For DAB+ (Digital Audio Broadcasting Plus):**
 - Upon first use, the unit may automatically perform a full scan for available DAB+ stations. If not, press and hold the **SCAN** button (>>|) to initiate a full scan.
 - Use the **SKIP** buttons (<< / >>) to navigate through the list of found stations.
 - To save a station as a preset, tune to the desired station, then press and hold the **MEMORY** button. Use the **SKIP** buttons to select a preset number, then press **MEMORY** again to confirm.
3. **For FM (Frequency Modulation) Radio:**
 - Press the **SCAN** button (>>|) briefly to auto-scan for the next available station.
 - Press and hold the **SCAN** button (>>|) for a full auto-scan and save.
 - Use the **SKIP** buttons (<< / >>) to fine-tune the frequency manually.
 - To save a station as a preset, tune to the desired station, then press and hold the **MEMORY** button. Use the **SKIP** buttons to select a preset number, then press **MEMORY** again to confirm.

5.4 USB MP3 Playback

1. Insert a USB flash drive (formatted to FAT32) containing MP3 audio files into the USB port.
2. Select the "USB" function using the **POWER/FUNC** button.
3. The unit will automatically begin playing the first track.
4. Use the **SKIP** buttons (<< / >>) to navigate between tracks.
5. Press the **PLAY/PAUSE** button to pause or resume playback.
6. Press the **PLAY MODE** button to cycle through playback options (e.g., repeat one, repeat all, random).

5.5 Encoding (Recording to USB)

This feature allows you to record audio from the turntable or radio directly to a USB flash drive as MP3 files.

1. Insert a USB flash drive into the USB port. Ensure it has sufficient free space.
2. Select the desired source for recording (Turntable, DAB+, or FM) using the **POWER/FUNC** button.
3. Start playback of the source (e.g., start playing a record, tune to a radio station).
4. Press the **REC** button. The recording indicator on the display will illuminate, and recording will begin.
5. To stop recording, press the **REC** button again. The recording will be saved to the USB drive.

5.6 Headphone Jack

Connect standard 3.5mm stereo headphones to the headphone jack for private listening. The built-in speakers will be muted automatically when headphones are connected.

5.7 AUX-IN Connection

Connect an external audio device (e.g., smartphone, MP3 player) to the AUX-IN jack using a 3.5mm audio cable. Select the "AUX" function to play audio from the connected device through the PL590SW's speakers.

6. MAINTENANCE

6.1 Cleaning the Unit

- Always unplug the unit from the power outlet before cleaning.
- Use a soft, dry, lint-free cloth to wipe the exterior surfaces.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.

6.2 Stylus Care

- The stylus is a delicate component. Handle it with extreme care.
- Clean the stylus periodically using a soft brush, brushing gently from back to front.
- A worn or damaged stylus can damage your records and degrade sound quality. Replace the stylus when necessary (typically after 300-500 hours of playback).

6.3 Dust Cover Care

Keep the dust cover closed when the turntable is not in use to protect the platter and stylus from dust and debris. Clean the dust cover with a soft, damp cloth, then dry thoroughly.

7. TROUBLESHOOTING

If you experience problems with your unit, please check the following points before seeking professional service.

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not active; Unit is off.	Ensure power cord is securely connected; Try a different outlet; Press the POWER/FUNC button to turn on the unit.
No sound	Volume too low; Wrong function selected; Headphones connected; Stylus not lowered.	Increase volume; Select correct function; Disconnect headphones; Lower the tone arm onto the record.
Poor radio reception	Antenna not extended or positioned correctly; Weak signal.	Fully extend and adjust the telescopic antenna; Try repositioning the unit.

Problem	Possible Cause	Solution
Turntable not spinning or incorrect speed	Wrong speed selected; Drive belt dislodged (rare).	Ensure correct speed (33/45/78 RPM) is selected; Contact service if drive belt is suspected.
USB playback issues	USB drive not formatted correctly; Incompatible file format; USB drive damaged.	Ensure USB is FAT32 formatted; Only MP3 files are supported; Try a different USB drive.
Recording to USB fails	USB drive full; USB drive not inserted; USB drive write-protected.	Check available space on USB; Ensure USB is properly inserted; Check if USB drive is write-protected.

8. SPECIFICATIONS

Feature	Specification
Brand	Soundmaster
Model Name	PL590SW
Turntable Speeds	33, 45, 78 RPM
Radio Tuner	DAB+, UKW-RDS (FM)
USB Functionality	MP3 Playback, Encoding (Recording to USB)
Audio Output	Built-in Speaker, Headphone Jack
Audio Input	AUX-IN
Power Source	Corded Electric
Material	Plastic, Metal
Item Weight	2.6 Kilograms
Color	Black

9. WARRANTY AND SUPPORT

This product is covered by a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including the warranty period and coverage details.

For technical support, service inquiries, or to obtain replacement parts, please contact your retailer or the Soundmaster customer service department. Contact information can typically be found on the manufacturer's official website or on the warranty documentation.

Please have your model number (PL590SW) and purchase date available when contacting support.

