Aiwa Co., LTD. XP-SP90

Aiwa Cross Trainer Compact Disc Player XP-SP90 User Manual

Model: XP-SP90 | Brand: Aiwa Co., LTD.

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your Aiwa Cross Trainer Compact Disc Player, model XP-SP90. Please read this manual thoroughly before using the device and retain it for future reference.

2. PRODUCT OVERVIEW

The Aiwa XP-SP90 is a portable compact disc player designed for active use, featuring Electronic Anti-Shock System (E.A.S.S.) for uninterrupted playback. Its sporty design makes it suitable for various environments.

Figure 1: Rear view of the Aiwa XP-SP90 Compact Disc Player. This image displays the model number, serial number, and regulatory compliance information located on the back panel of the device.

Key Features:

- **E.A.S.S. Plus 40 Seconds:** Electronic Anti-Shock System provides up to 40 seconds of skip protection for continuous audio playback during movement.
- **Compact Disc Player:** Supports standard audio CDs.
- **Dynamic Super Linear Bass (DSL):** Enhances bass response for richer sound.
- **Hold Switch:** Prevents accidental button presses during use.
- **Battery Operation:** Operates on 2 AA batteries for portability.

3. CONTROLS AND FUNCTIONS

Familiarize yourself with the various controls on your XP-SP90 player:

- **VOL +/- (Volume Plus/Minus):** Adjusts the audio output level.
- **E.A.S.S. Track Time Display:** Shows the current track number and elapsed time. Indicates when the Electronic Anti-Shock System is active.
- **PLAY MODE Button:** Cycles through various playback modes (e.g., repeat one, repeat all, random play).
- **DSL (Dynamic Super Linear Bass) Button:** Activates or deactivates the bass enhancement feature.
- **STOP/OFF/CHARGE Button:** Stops playback, turns the unit off, or initiates battery charging if rechargeable batteries are used and the unit is connected to a power source.
- **SKIP/SEARCH Buttons (<< / >>):**
  - Press briefly to skip to the previous or next track.
  - Press and hold to search backward or forward within a track.
- **HOLD Switch:** Slides to lock all buttons, preventing unintended operation.
- **OPEN/LOCK Switch:** Releases the disc compartment lid for opening and securely locks it when closed.

4. SETUP

4.1 Battery Installation

The XP-SP90 operates on two (2) AA batteries. For optimal performance, use alkaline batteries. If using rechargeable batteries, ensure they are compatible with the player's charging function (if applicable, refer to the STOP/OFF/CHARGE button description).

1. Locate the battery compartment on the underside of the player.
2. Slide the battery compartment cover in the direction indicated by the arrow to open it.
3. Insert two AA batteries, ensuring the positive (+) and negative (-) terminals align with the markings inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.

Figure 2: Battery compartment with AA batteries. This image shows the interior of the CD player, highlighting the battery slots where two AA batteries are to be inserted, following the polarity indicators.

4.2 Connecting Headphones

Connect your headphones to the player's headphone jack. The XP-SP90 uses a standard 3.5mm auxiliary connection.

1. Locate the headphone jack, typically on the side of the player.
2. Insert the 3.5mm plug of your headphones firmly into the jack.

Figure 3: Included headphones. This image displays the headphones that come with the Aiwa XP-SP90, featuring a standard 3.5mm audio jack for connection to the player.

5. OPERATING INSTRUCTIONS

5.1 Loading a CD

1. Slide the OPEN/LOCK switch to the "OPEN" position to release the lid.
2. Gently lift the lid.
3. Place a compact disc onto the center spindle with the label side facing up. Ensure the disc is seated correctly.
4. Close the lid firmly until it locks into place.

5.2 Basic Playback

1. Ensure batteries are installed and headphones are connected.
2. Load a CD as described above.
3. Press the PLAY button (often combined with the power button or a dedicated play button). The disc will begin to play, and the E.A.S.S. Track Time display will show the current track and elapsed time.
4. Adjust the volume using the VOL +/- buttons.
5. To stop playback, press the STOP/OFF/CHARGE button.

5.3 Using Skip/Search

- **To skip tracks:** During playback, briefly press the >> button to go to the next track, or the << button to go to the beginning of the current track. Press << twice quickly to go to the previous track.
- **To search within a track:** During playback, press and hold the >> button to fast-forward or the << button to fast-rewind. Release the button to resume normal playback.

5.4 Play Modes

Press the PLAY MODE button repeatedly to cycle through available playback modes, such as:

- **Normal Play:** Plays all tracks in order once.

- **Repeat 1:** Repeats the current track.
- **Repeat All:** Repeats all tracks on the disc.
- **Random Play:** Plays tracks in a random order.

5.5 DSL (Dynamic Super Linear Bass)

Press the DSL button to activate or deactivate the bass enhancement feature. When active, the sound will have a more pronounced bass response.

5.6 Using the HOLD Switch

Slide the HOLD switch to the "HOLD" position to disable all buttons. This prevents accidental changes to playback or power status, especially useful during active use. Slide it back to the "OFF" position to re-enable the buttons.

6. MAINTENANCE

6.1 Cleaning the Player

- Wipe the exterior of the player with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water and then wipe dry.
- Never use abrasive cleaners, benzene, thinners, or other volatile solvents, as they may damage the finish.
- To clean the lens inside the CD compartment, use a commercially available CD lens cleaner disc. Do not touch the lens directly.

6.2 Disc Handling

- Handle discs by their edges to avoid fingerprints on the playing surface.
- Keep discs clean. Wipe gently from the center outwards with a soft, lint-free cloth if necessary.
- Store discs in their cases to protect them from scratches and dust.

7. TROUBLESHOOTING

If you experience issues with your XP-SP90, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Player does not turn on.	Batteries are dead or incorrectly inserted.	Replace batteries or ensure correct polarity.
No sound.	Headphones not connected properly; volume too low; HOLD switch is on.	Check headphone connection; increase volume; turn off HOLD switch.
Disc skips or stops playing.	Disc is dirty or scratched; player is subjected to excessive shock; E.A.S.S. buffer is depleted.	Clean or replace disc; avoid strong vibrations; allow E.A.S.S. to buffer.
Disc does not play.	Disc is inserted incorrectly; disc is not a standard audio CD; lid is not closed properly.	Reinsert disc correctly (label side up); ensure disc is an audio CD; close lid firmly.

8. SPECIFICATIONS

Feature	Detail
Model Number	XP-SP90
Brand	Aiwa Co., LTD.
Connectivity Technology	Auxiliary (3.5mm headphone jack)
Special Feature	Anti-Skip Protection (E.A.S.S. Plus 40 Seconds)
Number Of Discs	1
Supported Audio Format	MP3
Power Source	2 AA batteries
Item Weight	10.4 ounces (approx. 295 grams)
Package Dimensions	5.6 x 5.1 x 1.3 inches (approx. 14.2 x 13 x 3.3 cm)
Manufacturer	Aiwa
Date First Available	August 18, 2010

9. SAFETY INFORMATION

- Do not expose the player to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping the player or subjecting it to strong impacts.
- Do not attempt to disassemble or modify the player. Refer all servicing to qualified personnel.
- Remove batteries if the player will not be used for an extended period to prevent leakage.
- Listening at high volume levels for prolonged periods can cause permanent hearing damage. Adjust volume to a safe level.

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product packaging or visit the official Aiwa Co., LTD. website. Keep your purchase receipt as proof of purchase for warranty claims.