GENERAL

aiwa nsx d60 manual

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Introduction

When you bring a high end audio system into your living room, you want every component to perform at its peak. The Aiwa NSX D60 is a powerful subwoofer that can transform ordinary sound into an immersive experience. However, like any sophisticated piece of equipment, it comes with a learning curve. That's where the **aiwa nsx d60 manual**comes into play. This guide is your key to unlocking the full potential of the NSX D60, ensuring you install, configure, and maintain it with confidence.

In this comprehensive article, we'll walk through every aspect of the NSX D60 manual—from finding the right version to troubleshooting common issues. Whether you're a seasoned audiophile or a first time user, you'll discover how to get the best performance out of your subwoofer while keeping it in top condition for years to come.

What Is the Aiwa NSX D60?

The Aiwa NSX D60 is a 600 watt, 15 inch subwoofer designed for home theater and high fidelity audio systems. It's built to deliver deep, punchy bass that complements the main speakers, creating a balanced and dynamic soundstage. With its robust build, efficient amplifier, and advanced crossover technology, the NSX D60 can handle demanding audio tracks and cinematic soundtracks alike.

Key Specifications

- Power Output: 600 watts RMS
- Driver Size: 15 inches (38 cm)
- Frequency Response: 20 Hz – 200 Hz
- Impedance: 4 ohms
- Dimensions: 18.7" x 18.7" x 10.5" (475 mm x 475 mm x 267 mm)
- Weight: 35 lbs (16 kg)
- Connectivity: RCA, XLR, and optical input options

Why You Need the Manual

Even if you're comfortable with audio equipment, the **aiwa nsx d60 manual** is essential for several reasons:

- It explains the safe handling of the unit, preventing damage or injury.
- It provides step by step instructions for installation and wiring.
- It details the advanced settings that let you fine tune bass performance.
- It offers troubleshooting tips that can save you time and money.
- It includes maintenance recommendations that prolong the life of the subwoofer.

Where to Find the Manual

There are a few reliable ways to get a copy of the Aiwa NSX D60 manual:

1. Official Aiwa Website: Visit aiwa.com and navigate to the "Support" or "Downloads" section. Search for "NSX D60" and download the PDF.

2. Retailer Websites: Large electronics retailers often host user manuals for the products they sell.
3. Online Forums: Audiophile communities sometimes share scanned copies or provide links to official PDFs.
4. Customer Support: If you can't find the manual online, contact Aiwa's customer service. They'll email you a PDF or provide a download link.

Once you have the PDF, save it to a convenient location on your computer or print it for quick reference.

Getting Started with the Manual

Before diving into the manual's technical details, let's outline a quick reference guide to the most useful sections.

Section	What It Covers
1. Introduction	Overview of the NSX D60 and safety information.
2. Parts and Accessories	List of included items and optional accessories.
3. Installation	Step by step setup instructions.
4. Operation	How to use the controls and remote.
5. Settings	Advanced configuration options.
6. Troubleshooting	Common issues and solutions.
7. Maintenance	Care instructions for longevity.

Installation Guide

Proper installation is the foundation for optimal performance. Follow these steps carefully to ensure a safe and efficient setup.

Step 1: Choose the Right Location

The NSX D60 should be placed on a stable, level surface. Avoid placing it on uneven or soft material that might vibrate. Position it near your receiver or AV hub, ensuring ample clearance for ventilation.

Step 2: Gather the Required Tools

- Phillips screwdriver
- Wire stripper/cutter
- Electrical tape or heat shrink tubing
- RCA or XLR cables (depending on your setup)
- Optional: mounting brackets if wall mounting

Step 3: Connect the Power

Plug the subwoofer's power cable into a grounded outlet. Avoid using extension cords unless they are rated for high power loads. The manual recommends a dedicated circuit for best performance.

Step 4: Wire the Audio Input

The NSX D60 offers multiple input options. Choose the one that best matches your receiver:

1. RCA: Use the labeled "Subwoofer" or "LFE" input on your AV receiver.
2. XLR: Preferred for balanced, low noise connections. Connect to the receiver's subwoofer output.
3. Optical: If your receiver supports optical subwoofer output, use an appropriate cable.

Make sure the cable ends are securely fastened and that you use the correct polarity if applicable.

Step 5: Configure the Receiver Settings

On your AV receiver, enable the subwoofer output and set the crossover frequency to match the NSX D60's optimal range (usually 80–120 Hz). The manual advises setting the phase to "auto" if available.

Step 6: Power On and Test

Turn on the subwoofer and the receiver. Play a track with deep bass to confirm that the subwoofer is functioning. Adjust the volume level on the subwoofer's control panel to blend it with your main speakers.

Operating the NSX D60

The Aiwa NSX D60 is designed for ease of use. Below is a quick rundown of its main controls and remote functions.

Front Panel Controls

- Power Switch: Turns the unit on/off.
- Volume Knob: Adjusts the subwoofer output level.
- Phase Switch: Sets the subwoofer phase to match the main speakers.
- Low Pass Filter (LPF): Controls the crossover frequency.
- Input Selector: Switches between RCA, XLR, and optical inputs.

Remote Control Overview

The included remote offers quick access to the most frequently used settings:

1. Power Button – Turns the subwoofer on or off.
2. Volume Up/Down – Adjusts the output level.
3. Phase Toggle – Switches phase between "0°" and "180°."
4. LPF Adjust – Sets the low pass filter frequency.
5. Input Selection – Chooses between the available input types.

Advanced Settings and Customization

For audiophiles who want to fine tune their system, the NSX D60 offers several advanced features. The manual explains how to tweak these settings for maximum performance.

1. Crossover Frequency

While the default crossover is set to 100 Hz, you can adjust it to suit your room and speaker configuration. Lower frequencies (e.g., 80 Hz) provide deeper bass, while higher frequencies (e.g., 120 Hz) help avoid muddiness in smaller rooms.

2. Phase Adjustment

Phase mismatch between the subwoofer and main speakers can cause cancellation of low frequencies. Use the manual's "Phase" switch to test both positions and select the one that gives the smoothest bass response.

3. Volume Leveling

The subwoofer's volume knob allows you to blend the bass seamlessly with your main speakers. The manual recommends setting the subwoofer level to match the perceived loudness of your main speakers rather than relying solely on numeric values.

Troubleshooting Common Issues

Even with a proper installation, you might encounter occasional problems. Below are solutions to some common issues, as outlined in the manual.

Problem: No Sound from Subwoofer

1. Check that the power cable is securely plugged in.
2. Verify that the input cable is connected to the correct port on the receiver.

3. Ensure the receiver's subwoofer output is enabled.
4. Confirm the subwoofer's volume is turned up.
5. Check for any visible damage on the cables.

Problem: Distorted or "Pumping" Bass

1. Reduce the subwoofer volume level.
2. Adjust the crossover frequency to a higher setting.
3. Check for phase mismatch; switch the phase setting.
4. Ensure the subwoofer is not placed too close to walls or corners.

Problem: Remote Control Not Responding

1. Replace the remote's batteries.
2. Check that the remote's signal is not blocked by obstructions.
3. Reset the subwoofer by turning it off for 30 seconds and then on again.

Maintenance and Care

Proper maintenance extends the lifespan of your NSX D60. The manual recommends the following routine care practices:

1. Keep It Clean

Dust the exterior with a soft, dry cloth. Avoid using water or cleaning solutions, as moisture can damage internal components.

2. Ventilation

Ensure the subwoofer has adequate airflow. Do not block the vents with objects or place it in a confined space.

3. Check Connections Regularly

Inspect all cables for wear and tear. Replace any frayed or damaged cables promptly.

4. Avoid Over Powering

Never exceed the recommended power input. Overloading can cause distortion or damage the amplifier.

Upgrades and Accessories

Baca Juga (Artikel Terkait)

- **advanced engineering electromagnetics solution manual edition hardcover by balanis constantine a published by wiley**
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