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Kenwood DMX5523S

Kenwood DMX5523S 7-inch Display Audio System

USER MANUAL

Introduction

Thank you for purchasing the Kenwood DMX5523S 7-inch Display Audio System. This manual provides essential information for the safe and efficient use of your new device. The DMX5523S offers advanced features including wireless Apple CarPlay and Android Auto, wireless mirroring, a high-resolution WSVGA capacitive touch panel, and compatibility with steering wheel remote controls, enhancing your in-car entertainment and connectivity experience.



Figure 1: Kenwood DMX5523S 7-inch Display Audio System

Important Safety Information

Always prioritize safety. Improper installation or operation can lead to accidents or injury. Ensure professional installation for optimal performance and safety. Do not operate the unit in a way that distracts you from driving. Keep the volume at a level that allows you to hear outside sounds.

Package Contents

Please check that all items are included in the package:

- Kenwood DMX5523S Main Unit
- Power Cable
- USB Extension Cable
- Microphone
- Mounting Hardware
- User Manual (this document)

Installation

Installation of this product requires technical expertise. It is highly recommended to have the unit installed by a qualified professional to ensure correct wiring and functionality. Refer to the separate installation manual for detailed wiring diagrams and mounting instructions.

Initial Setup

Upon first power-on, the unit will guide you through initial setup steps:

1. **Language Selection:** Choose your preferred display language.
2. **Time and Date:** Set the current time and date. This can often be synchronized automatically via GPS or connected smartphone.
3. **Radio Region:** Select your geographical region for correct radio frequency tuning.
4. **Bluetooth Pairing:** Follow the on-screen prompts to pair your smartphone via Bluetooth for hands-free calling and audio streaming.

Operating Instructions

1. Wireless Apple CarPlay and Android Auto

The DMX5523S supports wireless connection to Apple CarPlay and Android Auto, allowing seamless integration of your smartphone's features directly onto the display audio unit. This enables convenient access to navigation, music, communication, and other apps.

- Ensure your smartphone's Wi-Fi and Bluetooth are enabled.
- On the DMX5523S, select the Apple CarPlay or Android Auto icon.
- Follow the on-screen instructions to pair your smartphone.
- Once connected, you can use compatible apps for navigation, music playback, making calls, and sending messages directly from the unit's display.



Figure 2: Android Auto Interface



Figure 3: Apple CarPlay Interface

Video 1: Kenwood DMX5523S Wireless CarPlay, Android Auto, and Voice Control Overview. This video demonstrates the seamless wireless connectivity for smartphone integration and the convenience of voice commands.

2. Wireless Mirroring

The wireless mirroring function allows you to display your smartphone screen directly on the DMX5523S monitor. This is ideal for viewing video content or other applications not natively supported by CarPlay or Android Auto.

- Install the 'MirrorAPP+' application on your iPhone or Android smartphone.
- Connect your smartphone to the DMX5523S via Wi-Fi.
- Once connected, your smartphone screen will be mirrored on the display audio unit. You can also operate your smartphone from the DMX5523S touch screen.
- Note: Due to copyright protection, some video content may not be mirrored.

スマートフォンを車内で存分に活用できる
「Apple CarPlay」「Android Auto」にワイヤレス接続



Display Audio
DMX5523S

ワイヤレスで、ワクワクをもっとスマートに。

Apple CarPlay



Apple CarPlay 画面

Android Auto



Android Auto 画面

Figure 4: Wireless Mirroring Functionality

3. Voice Control

Utilize voice commands through Siri (for iPhone) or Google Assistant (for Android) to control various functions without taking your hands off the steering wheel. This enhances driving safety and convenience.

- Activate Siri or Google Assistant by pressing the voice button on the unit or steering wheel, or by saying the wake word (e.g., "Hey Siri" or "Ok Google").
- Speak your command clearly, such as "Navigate to [destination]" or "Play [song name]".
- The system will process your command and execute the requested action.

4. WSVGA Capacitive Touch Panel

The DMX5523S features a high-quality WSVGA (1024x600 pixels) capacitive touch panel. This display provides crisp, clear visuals and offers smooth, responsive touch operation, similar to a smartphone or tablet.

本機からスマートフォン※を操作できる

ワイヤレスミラーリングに対応



※ 最新バージョンの "MirrorAPP+™" アプリをインストールした iPhone または Android スマートフォンを本機に接続する必要があります。

※著作権で保護された映像はミラーリングできません。

Figure 5: WSVGA Display Quality

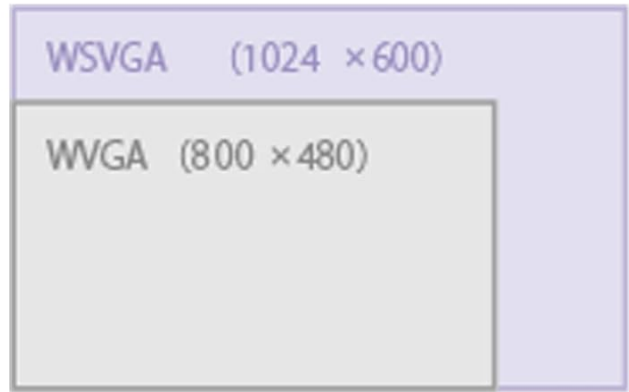
5. Steering Remote Control Compatibility

For vehicles equipped with steering wheel audio controls, the DMX5523S can be integrated to allow control of basic functions such as volume adjustment, track skipping, and mode selection directly from your steering wheel. This feature requires proper wiring during installation.

映像を美しく再現する

WSVGA 画質(1024×600) のディスプレイパネルを採用

従来の当社ディスプレイオーディオ搭載パネルのWVGA画質(800×480)よりも高画質な映像再生や地図表示が可能です。



WSVGA とWVGA の解像度比

ステアリングリモコン機能に対応

本体に触れず安全に操作ができます。



Figure 6: Steering Wheel Remote Control

6. Bluetooth Connectivity

The built-in Bluetooth module allows for hands-free calling and wireless audio streaming from your smartphone or other Bluetooth-enabled devices. Ensure your device is paired with the DMX5523S for these functions.

Maintenance

To ensure the longevity and optimal performance of your DMX5523S, follow these maintenance guidelines:

- **Cleaning the Display:** Use a soft, dry cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check the Kenwood website for firmware updates. Keeping your unit's software up-to-date ensures the latest features and bug fixes.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

Troubleshooting

If you encounter issues with your DMX5523S, refer to the table below for common problems and their solutions. If the problem persists, contact Kenwood customer support.

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse.	Check power cables and fuse. Consult installer if necessary.
No Sound	Volume too low, incorrect audio source, speaker wiring issue.	Increase volume, select correct audio source, check speaker connections.
Smartphone not connecting to CarPlay/Android Auto	Wi-Fi/Bluetooth off, incompatible phone, app not installed/updated.	Ensure Wi-Fi/Bluetooth are on, update phone OS/apps, restart phone and unit.
Touch screen unresponsive	Temporary software glitch.	Restart the unit. If problem persists, contact support.

Specifications

Below are the technical specifications for the Kenwood DMX5523S:

Feature	Detail
Manufacturer	Kenwood
Model Number	DMX5523S
Package Dimensions	22.9 x 18.8 x 16.2 cm
Item Weight	1.3 Kilograms
Special Features	Android Auto, Apple CarPlay, Built-in Bluetooth, Screen Mirroring, Touch Screen
Connectivity Technology	Bluetooth, USB
Controller Type	Remote Control
Compatible Devices	Smartphones
HDMI Ports Total	7 (Note: This likely refers to internal processing channels, not physical ports)
Connector Type	USB
Audio Output Mode	Stereo, Surround
Surround Sound Channel Configuration	5.1
Video Encoding	H.264, H.265/HEVC



Figure 7: Feature Comparison Table (DMX5523S vs. DDX5020SR)

Warranty and Support

The Kenwood DMX5523S comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For technical support, troubleshooting assistance, or warranty service, please visit the official Kenwood website or contact your local Kenwood authorized dealer. You can find contact information and FAQs on the Kenwood support page: www.kenwood.com/cs/ce/