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Dynavin D10-MST2010 Plus

Dynavin D10-MST2010 Plus Android Car Radio Navigation System User Manual

For Ford Mustang 2010-2014

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Dynavin D10-MST2010 Plus Android Car Radio Navigation System. This system is specifically designed for Ford Mustang models from 2010 to 2014, offering a 9-inch high-resolution display, Android 14 operating system, and advanced features such as wireless CarPlay, Android Auto, and an integrated navigation system.
Please read this manual thoroughly before installation and operation to ensure proper use and to maximize the performance and longevity of your device.



Figure 1.1: Dynavin D10-MST2010 Plus Overview
The Dynavin unit seamlessly integrates into your Ford Mustang dashboard.

2. Safety Information

For detailed safety guidelines and important warnings, please refer to the official "Informazioni sulla sicurezza (PDF)" document provided by Dynavin. This document contains critical information regarding electrical safety, installation precautions, and general usage to prevent injury or damage to the device and vehicle.

It is crucial to follow all safety instructions to ensure safe operation. Failure to do so may result in personal injury, damage to the product, or voiding of the warranty.

Download Safety Information (PDF)

3. Package Contents

Verify that all components listed below are included in your package. If any items are missing or damaged, please contact your dealer immediately.

Figure 3.1: Included Accessories

1. Connection Cable, 2. Digital Radio Antenna, 3. Radio Antenna Adapter, 4. GPS Antenna, 5. Rear Camera Adapter, 6. BT/Wi-Fi Antenna, 7. HUD 150, 8. Microphone, 9. Adapter for Factory Aux Connection, 10. Amplifier Cable Set, 11. Adapter for Factory USB Connection, 12. Seat Heating Buttons, 13. 2x USB Extension Cable, 14. Installation Manual, 15. Quick Guide.

The package also includes a USB cable for connectivity and media storage.

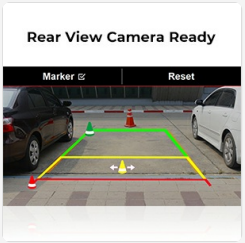


Figure 3.2: USB Cable

4. Setup and Installation

The Dynavin D10-MST2010 Plus is designed for seamless integration into your Ford Mustang (2010-2014). Professional installation is recommended to ensure correct wiring and functionality.

4.1 Vehicle Compatibility

This unit is compatible with Ford Mustang models from 2010 to 2014. It supports all Shaker audio systems and integrates with existing steering wheel controls and climate control systems.



Figure 4.1: Shaker Sound System Compatibility

The unit supports the factory Shaker sound system.

4.2 Wiring and Connections

Follow the detailed wiring diagrams provided in the separate installation manual (item 14 in Package Contents). Ensure all connections are secure and correctly matched to your vehicle's wiring harness. Key connections include:

- Main power and speaker harness.
- GPS antenna connection.
- Digital radio (DAB+) antenna connection.
- USB connections for media and device charging.
- Rear camera input (if applicable).
- Microphone connection for hands-free calling.

Figure 4.2: Digital Dual-Microphone Installation
The compact digital dual-microphone ensures clear call quality and is designed for discreet installation.

4.3 Initial Power-Up

After installation, turn on your vehicle's ignition. The Dynavin unit should power on automatically. Follow the on-screen prompts for initial setup, including language selection and time zone settings.

5. Operating Instructions

5.1 User Interface Overview

The 9-inch touchscreen display provides access to all functions. The main screen features customizable app icons for quick access to navigation, radio, media, and smartphone integration features.

Figure 5.1: Main User Interface
The home screen provides access to key applications and functions.

5.2 Wireless CarPlay and Android Auto

Connect your compatible smartphone wirelessly to access Apple CarPlay or Android Auto. This allows you to use your phone's navigation, music, messaging, and other apps directly on the Dynavin display.

- Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
- On the Dynavin unit, select the CarPlay or Android Auto icon.
- Follow the on-screen instructions to pair your device.



Figure 5.2: Wireless CarPlay and Android Auto

Seamlessly integrate your smartphone for navigation, communication, and entertainment.

5.3 Navigation System

The unit comes with pre-installed navigation software, including a Blitzer.de database for speed camera and road hazard alerts. The Head-up Display (HUD) can show navigation information from Dynaway, Apple Maps (via CarPlay), and Google Maps (via Android Auto).



Figure 5.3: Head-up Display in Operation

Navigation and alert information is projected onto the windshield for enhanced safety.

5.4 Dynavin Connect App

Utilize the Dynavin Connect app on your smartphone to receive real-time traffic alerts, speed camera warnings (Blitzer.de PRO), and road hazard information directly on your radio display and Head-up Display.



Figure 5.4: Dynavin Connect App Interface

Configure traffic and hazard alerts through the Dynavin Connect app.

5.5 DAB+ Radio

Access a wide range of digital radio stations with the integrated DAB+ tuner. Enjoy higher sound quality and more station choices compared to traditional FM radio.



Figure 5.5: DAB/DAB+ Radio Interface

Tune into digital radio stations for improved audio quality and selection.

5.6 Climate Control Integration

The unit integrates with your vehicle's climate control system, allowing you to view and adjust climate settings directly from the Dynavin display.



Figure 5.6: Integrated Climate Control

Manage your vehicle's climate settings directly from the Dynavin display.

5.7 Steering Wheel Controls

The Dynavin D10-MST2010 Plus supports your vehicle's original multifunction steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel.



Figure 5.7: Steering Wheel Controls

Control key functions safely using your vehicle's steering wheel buttons.

5.8 Rear View Camera Input

Connect a compatible rear view camera to the unit for enhanced safety during parking and reversing. The display will automatically switch to the camera view when reverse gear is engaged.



Figure 5.8: Rear View Camera Display

Assists with safe parking and reversing maneuvers.

6. Audio Settings

The Dynavin D10-MST2010 Plus offers comprehensive audio customization options to optimize your listening experience.

6.1 Fader Balance and Time Correction

Adjust the audio balance between front/rear and left/right speakers, and utilize time correction to optimize sound staging for your seating position.

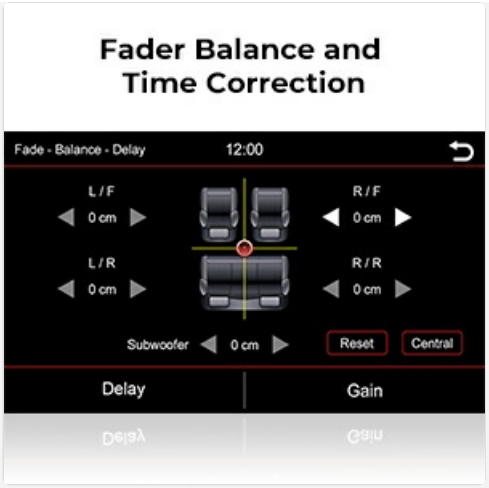


Figure 6.1: Fader Balance and Time Correction
Fine-tune audio distribution and timing for optimal sound.

6.2 Professional Equalizer

Use the professional equalizer to adjust frequency bands and tailor the sound output to your preferences. Preset options like Flat, Pop, Classic, and Rock are available, along with a customizable user profile.

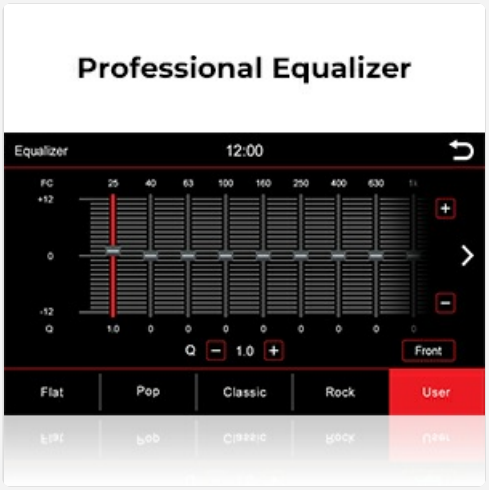


Figure 6.2: Professional Equalizer
Customize your audio profile with detailed frequency adjustments.

6.3 Gain Settings

Adjust the input gain for different audio sources (Radio, Android, DAB/Aux) to ensure consistent volume levels when switching between them.

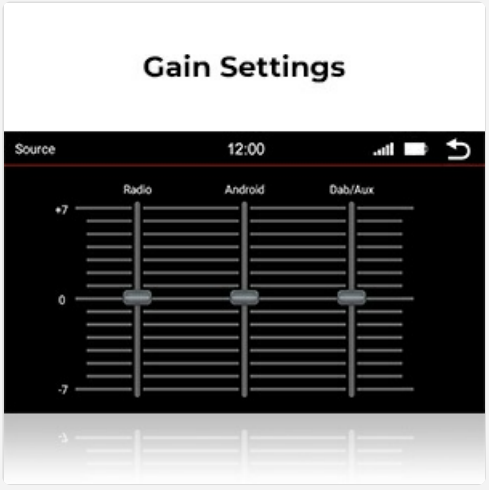


Figure 6.3: Gain Settings

Balance volume levels across various audio inputs.

7. Maintenance

7.1 Cleaning the Display

Use a soft, lint-free cloth to gently wipe the touchscreen display. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid abrasive materials or harsh chemicals.

7.2 Software Updates

Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be downloaded via Wi-Fi or transferred via USB. Refer to the Dynavin website or the unit's settings menu for update procedures.

Note: The last known software update availability date is unknown. Please check the manufacturer's website for the latest information.

8. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring, blown fuse, vehicle ignition off.	Check power connections and fuses. Ensure vehicle ignition is on. Consult installation manual.
No sound output.	Speaker wires disconnected, volume too low, incorrect audio source selected.	Verify speaker connections. Increase volume. Select correct audio source. Check audio settings (fader, balance, gain).
GPS signal lost or inaccurate.	GPS antenna obstructed or improperly installed, unit in an area with poor satellite reception.	Ensure GPS antenna has a clear view of the sky. Check antenna connection. Move to an open area.
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi off on phone, phone not paired, incompatible phone.	Enable Bluetooth and Wi-Fi on your phone. Re-pair the device. Ensure your phone is compatible.
Touchscreen unresponsive.	Temporary software glitch, screen dirty.	Restart the unit (refer to manual for reset procedure). Clean the screen.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Dynavin customer support.

9. Specifications

Feature	Detail
Brand	Dynavin
Model Name	D10-MST2010 Plus
Vehicle Service Type	Automobile

Feature	Detail
Screen Size	9 Inches
Special Feature	DAB
Connectivity Technology	Bluetooth, Wi-Fi
Map Type	Europe
Included Components	USB
Audio Output Mode	Stereo
Mounting Type	On Dashboard, On Panel
Compatible Vehicle Type	Automobile
Resolution	1280 x 720
Operating System	Android
Memory Storage Capacity	64 GB
Touchscreen Type	Capacitive
Screen Type	LCD
User Interface Interaction Type	Touchscreen
Compatible Devices	Smartphone
Control Method	App
Batteries Included	No
Supported Satellite Navigation System	GPS
Model Year	2010
Manufacturer	DYNAVIN
Item Dimensions (LxWxH)	40L x 33l x 20H cm
Software Update Availability	Unknown

10. Warranty and Support

10.1 Warranty Information

Your Dynavin D10-MST2010 Plus is covered by a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Dynavin website for detailed terms and conditions regarding warranty coverage, duration, and claims procedures.

10.2 Customer Support

For technical assistance, troubleshooting, or any questions regarding your Dynavin product, please contact Dynavin customer support. Contact information can typically be found on the Dynavin website or in the quick start guide.

You may also refer to the "Dichiarazione sulla trasparenza dei dati (PDF)" for data privacy information.

Download Data Transparency Statement (PDF)

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