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Y-METDRIVING TH0031

Y-METDRIVING TH0031 7-Inch Single DIN Wireless Apple CarPlay & Android Auto Car Stereo User Manual

Model: **TH0031** | Brand: **Y-METDRIVING**

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Y-METDRIVING TH0031 7-inch Single DIN Car Stereo. This unit features a motorized flip-out touchscreen, wireless Apple CarPlay, wireless Android Auto, Bluetooth connectivity, FM/AM radio, and support for a backup camera. Please read this manual thoroughly before use to ensure proper functionality and safety.

What's in the Box

Verify that all items listed below are included in your package:

- Single DIN Flip-Out CarPlay Car Stereo Unit
- Backup Camera
- Microphone Cable
- Connection Cables (Wire Harness, Backup Camera Cable)
- Disassembly Tool
- Remote Control
- User Manual



Image: Package contents for the Y-METDRIVING TH0031 car stereo.

Product Features

- **7-Inch Motorized Flip-Out Touchscreen:** Enjoy a clear 1024*600 HD display that supports 1080P video playback. The screen automatically extends and retracts.



Image: The motorized flip-out touchscreen in its extended position.

- **Wireless Apple CarPlay & Android Auto:** Seamlessly integrate your smartphone for navigation, calls, messages, and music. Connect via Bluetooth for wireless functionality.



Image: Display illustrating wireless Apple CarPlay, Android Auto, and Mirror Link capabilities.

- **Bluetooth Connectivity:** Make and receive hands-free calls and stream audio wirelessly from your

smartphone.

- **FM/AM Radio Tuner:** Access local radio stations for news, traffic, and entertainment.
- **Mirror Link Function:** Display your Android phone or iPhone screen directly on the car stereo for video, music, and GPS navigation.
- **AHD Backup Camera:** Includes an HD 170-degree viewing angle waterproof backup camera with 12 LED lights. The display automatically switches to the reverse image when the vehicle is in reverse gear.



Image: AHD 1080P Rear Camera view on the car stereo screen.

- **Multiple Media Inputs:** Supports AUX input, USB playback, and TF card media.

Setup & Installation

Installation of car audio systems can be complex. It is highly recommended to seek professional installation if you are not familiar with car electrical systems.

Physical Dimensions

Ensure your vehicle's dashboard opening is compatible with the single DIN standard. The unit's dimensions are:

- **Depth:** 7 inches (178mm)
- **Width:** 6.29 inches (160mm) for the main chassis, 7.4 inches (188mm) with cover
- **Height:** 1.96 inches (50mm) for single DIN slot, 4.5 inches (115mm) for screen height



Image: Product dimensions of the car stereo unit.

Wiring Connections

Refer to the included wiring harness and diagram for specific connections. Key connections typically include power (constant 12V, accessory 12V, ground), speaker outputs, and specific inputs for the backup camera, microphone, and steering wheel controls (if applicable).

Backup Camera Connection

Connect the backup camera's video output to the R-CIN input on the stereo. The camera's power wire (red) should be connected to the vehicle's reverse light (GND) to enable automatic switching when reverse gear is engaged. The orange+black wire from the stereo should also be connected to the reverse signal.

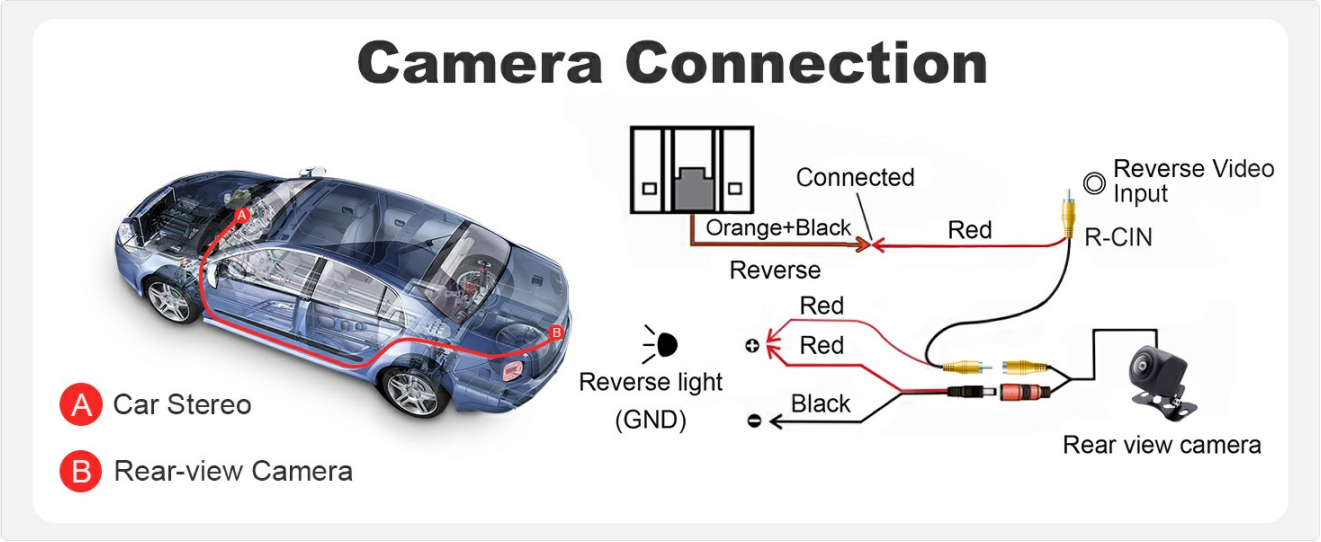


Image: Wiring diagram for the backup camera connection.

Operating Instructions

Power On/Off

Press the **POWER** button to turn the unit on or off. The motorized screen will extend upon power-on and retract upon power-off.

Motorized Screen Operation

The screen automatically deploys when the unit is powered on and retracts when powered off. You can manually adjust the screen angle using the **ANGLE+** and **ANGLE-** buttons on the front panel or the remote control.

Video: Demonstration of the motorized flip-out screen functionality and various features of the car stereo.

Wireless Apple CarPlay

1. Ensure Wi-Fi and Bluetooth are enabled on your iPhone.
2. On the car stereo, navigate to the CarPlay icon and select it.
3. On your iPhone, search for the car stereo's Bluetooth device name and pair.
4. Confirm the authorization request on your phone.
5. Once connected, CarPlay will launch automatically.



Image: Step-by-step guide for connecting to Wireless Apple CarPlay.

Wireless Android Auto

1. Ensure the Android Auto app is installed on your Android phone.
2. Enable Wi-Fi and Bluetooth on your Android phone.
3. On the car stereo, navigate to the Android Auto icon and select it.
4. On your Android phone, search for the car stereo's Bluetooth device name and pair.
5. Confirm any authorization requests.
6. Android Auto will launch automatically after a successful Bluetooth connection.



Image: Step-by-step guide for connecting to Wireless Android Auto.

Bluetooth Audio & Hands-Free Calling

1. Enable Bluetooth on your smartphone.
2. On the car stereo, select the Bluetooth source.
3. Search for available devices on your phone and select the car stereo (e.g., "SOOEMAKA").
4. Confirm pairing. You can now stream music and make/receive calls hands-free.



Image: Bluetooth phone interface and FM radio display.

FM/AM Radio

From the main menu, select the **Radio** icon. Use the on-screen controls to scan for stations, manually tune, or select preset stations.

Mirror Link (iOS Mirror)

1. On your iPhone, search for the device's Wi-Fi network (e.g., "DIRECT-phonelink-xxx") and connect using the provided password.
2. Open the iPhone's AirPlay interface (Screen Mirroring) and select the device.
3. Your iPhone screen will now be mirrored on the car stereo display.

Backup Camera Display

When the vehicle is shifted into reverse gear, the stereo will automatically switch to the backup camera view. Parking guidelines will be displayed on the screen to assist with maneuvering.

Media Playback (AUX, USB, TF Card)

Connect your external audio device to the AUX input, or insert a USB drive or TF card into the respective slots. Select the corresponding source from the main menu to play media.

Specifications

Feature	Specification
Item Model Number	TH0031
Item Weight	3.96 pounds
Package Dimensions	12.28 x 8.66 x 3.23 inches
Screen Size	7-inch
Screen Resolution	1024*600 HD
Video Playback	1080P supported
CarPlay/Android Auto	Wireless
Backup Camera	AHD, 170° viewing angle, 12 LED lights

Troubleshooting

If you encounter issues with your car stereo, please refer to the following common troubleshooting steps:

- **No Power:** Check all power connections (constant 12V, accessory 12V, ground) and ensure fuses are intact.
- **No Sound:** Verify speaker connections and ensure the volume is not muted or set too low. Check audio source selection.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your phone. Try unpairing and re-pairing the devices.
- **CarPlay/Android Auto Not Connecting:** For wireless connection, ensure Wi-Fi and Bluetooth are active on your phone. For wired connection (if applicable), use a high-quality data cable. Restart both the stereo and your phone.
- **Backup Camera Not Displaying:** Check the camera's power and video connections. Ensure the reverse trigger wire is correctly connected to the vehicle's reverse light circuit.
- **Screen Jamming/Malfunction:** If the motorized screen experiences issues, try resetting the unit (refer to the reset button location, usually a small pinhole).

Warranty & Support

Your Y-METDRIVING TH0031 car stereo comes with a**180-day warranty** for return or replacement from the date of purchase.

For technical assistance, troubleshooting, or warranty claims, please contact Y-METDRIVING customer service through the platform where you purchased the product. Provide your model number (TH0031) and a detailed description of the issue for faster support.

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