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ANYFAR RM-BZ2684F

ANYFAR RM-BZ2684F Decoder Adapter User Manual

For Mercedes-Benz Vehicles with NTG 4.5/4.7 Systems (2010-2014)

1. PRODUCT OVERVIEW

The ANYFAR RM-BZ2684F Decoder Adapter is designed to integrate advanced connectivity features such as Wireless CarPlay, Wireless Android Auto, Mirror Link, and USB media playback into compatible Mercedes-Benz vehicles. This adapter allows users to retain the original car's control system while enhancing the infotainment experience.

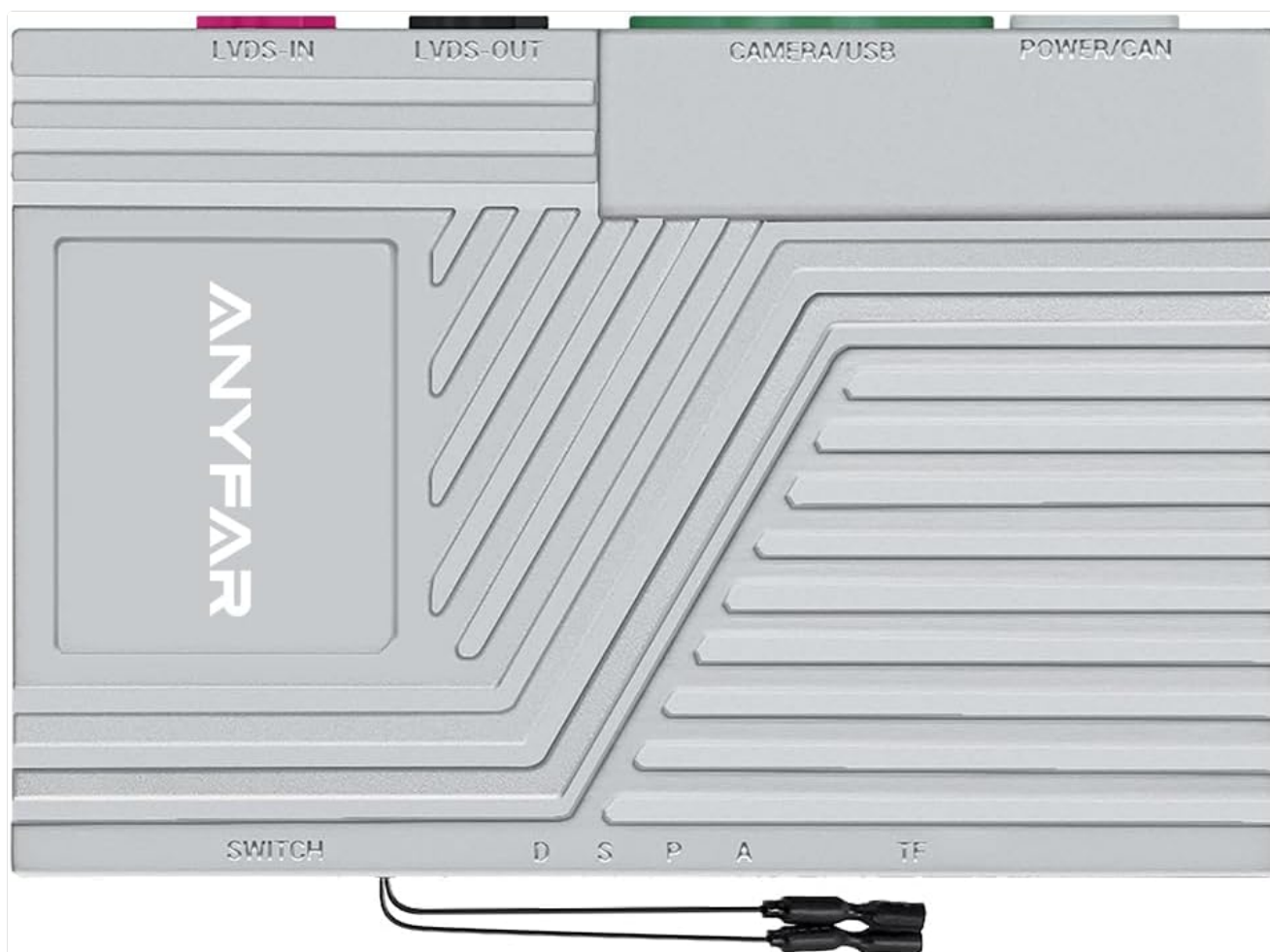


Figure 1: Top view of the ANYFAR RM-BZ2684F Decoder Adapter, showing connection ports for LVDS IN, LVDS OUT, CAMERA/USB, and POWER/CAN.

2. COMPATIBILITY INFORMATION

This decoder adapter is specifically designed for Mercedes-Benz vehicles equipped with the **NTG 4.5/4.7 system**, manufactured between **2010 and 2014**. It is crucial to verify your vehicle's NTG system type and manufacturing year before installation.

Only Compatible with Mercedes-Benz NTG 4.5/4.7 System



Figure 2: Visual guide for identifying Mercedes-Benz NTG 4.5/4.7 systems based on control panel appearance and LVDS connector type (4 PIN).

2.1 Compatible Vehicle Models

The following Mercedes-Benz models with NTG 4.5/4.7 systems are compatible:

Compatible Model List

Mercedes-Benz NTG 4.5/4.7 System

Car model	Years	Screen Size
A Class W176	2013-2015	5.8"/7"
B Class W242/W246	2012-2015	
C Class W204	2011 -2014	
CLA Class C117/ W117	2013-2015	
CLs Class W218	2012- 2015	
E Class sedan W212	2012 -2015	
E Class coupe C207 A207	2012 -2015	
G Class W463	2012-2015	
GLA Class X156	2013-2015	
GLk Class	2013-2015	
ML/GL	2012 -2015	
SLK R172	2011 -2015	

Figure 3: Table detailing compatible Mercedes-Benz models, manufacturing years, and screen sizes for NTG 4.5/4.7 systems.

- A Class W176 (2013-2015)
- B Class W242/W246 (2012-2015)
- C Class W204 (2011-2014)
- CLA Class C117/W117 (2013-2015)
- CLS Class W218 (2012-2015)
- E Class sedan W212 (2012-2015)
- E Class coupe C207 A207 (2012-2015)
- G Class W463 (2012-2015)
- GLA Class X156 (2013-2015)
- GLK Class (2013-2015)
- ML/GL (2012-2015)
- SLK R172 (2011-2015)

3. PACKAGE CONTENTS

Before beginning installation, please ensure all components are present in the package:

Package & Accessories

What's included in our Package ?

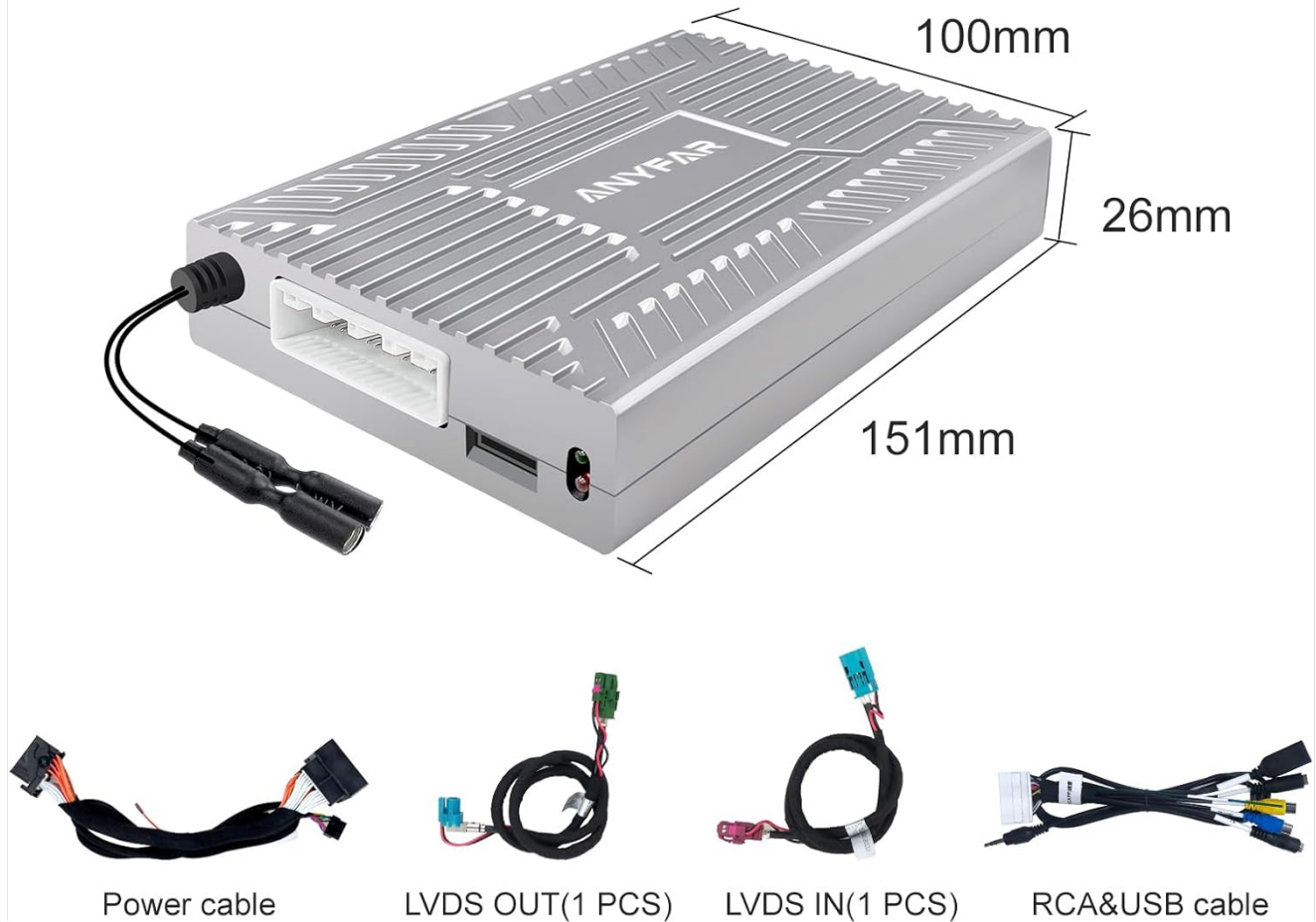


Figure 4: Illustration of the decoder module and included cables: Power cable, LVDS OUT (1 PCS), LVDS IN (1 PCS), and RCA & USB cable.

- ANYFAR RM-BZ2684F Decoder Adapter Module (Dimensions: 151mm x 100mm x 26mm)
- Power Cable
- LVDS OUT Cable (1 PC)
- LVDS IN Cable (1 PC)
- RCA & USB Cable

4. SETUP AND INSTALLATION

Installation of the ANYFAR RM-BZ2684F Decoder Adapter requires technical expertise and familiarity with automotive electrical systems. Professional installation is recommended. This section provides a general overview; refer to a qualified technician for detailed vehicle-specific instructions.

4.1 Pre-Installation Checklist

1. Verify vehicle compatibility (NTG 4.5/4.7 system, 2010-2014 model year).
2. Ensure all package contents are present.

3. Disconnect the vehicle's battery before starting any electrical work.
4. Gather necessary tools (e.g., trim removal tools, screwdrivers, wiring harness tools).

4.2 General Installation Steps (Consult a professional)

1. Carefully remove the vehicle's head unit or display panel to access the rear connections.
2. Locate the original LVDS cable connected to the display. Disconnect it.
3. Connect the provided LVDS IN cable from the decoder adapter to the original LVDS port on the head unit.
4. Connect the provided LVDS OUT cable from the decoder adapter to the vehicle's display.
5. Connect the power/CAN cable from the decoder adapter to the vehicle's power harness, ensuring correct pin assignments.
6. If installing a backup or front camera, connect it to the CAMERA/USB port on the decoder adapter using the RCA cable.
7. Route the USB extension cable to an accessible location within the vehicle for USB drive playback or phone charging.
8. Secure the decoder adapter module in a safe, dry location away from heat and moisture.
9. Reconnect the vehicle's battery and test the system before reassembling the dashboard.


5. OPERATING INSTRUCTIONS

The ANYFAR Decoder Adapter seamlessly integrates with your vehicle's existing controls, providing an enhanced user experience.

5.1 Switching Between Systems

To switch between the original OEM car system and the CarPlay/Android Auto system, long-press the designated button on your car's knob or central control panel. Refer to your vehicle's specific controls for the exact button.

Add Carplay & Android Auto Systems While Keeping the Factory Car Screen

By long press the “” button on the car knob to switch from factory OEM car system to our carplay system



OEM Car System



Figure 5: Diagram illustrating the process of switching between the OEM car system and the CarPlay/Android Auto system by long-pressing a button on the car knob.

5.2 Wireless CarPlay & Android Auto

Once the adapter is installed, you can connect your smartphone wirelessly to access CarPlay or Android Auto functionalities. This includes navigation, music, calls, messaging, and voice assistant features.

Original Car Upgrade Smart Module

A/B/C/G/CLA /CLS /E /GLA/GLk/CLS/ML/GL/SLK

Mercedes-Benz NTG 4.5/4.7 System



Figure 6: Display showing the CarPlay interface on the vehicle's screen, highlighting features like Bluetooth, CarPlay, Android Auto, Voice Control, and Live Map.

5.3 Mirror Link & USB Drive Playback

The adapter supports Mirror Link (AirPlay for iOS) to display your phone's screen on the car's display. This allows for viewing content from apps like YouTube or Netflix. Additionally, the USB port enables playback of videos or music from a USB drive and can be used for phone charging.

5.4 Retaining Original Car Controls

The decoder kit ensures that all original car controls, including the touchscreen (if applicable), voice control, physical buttons, and knobs, remain fully functional for both the OEM system and the integrated CarPlay/Android Auto interface.

Keep Original Car Functions

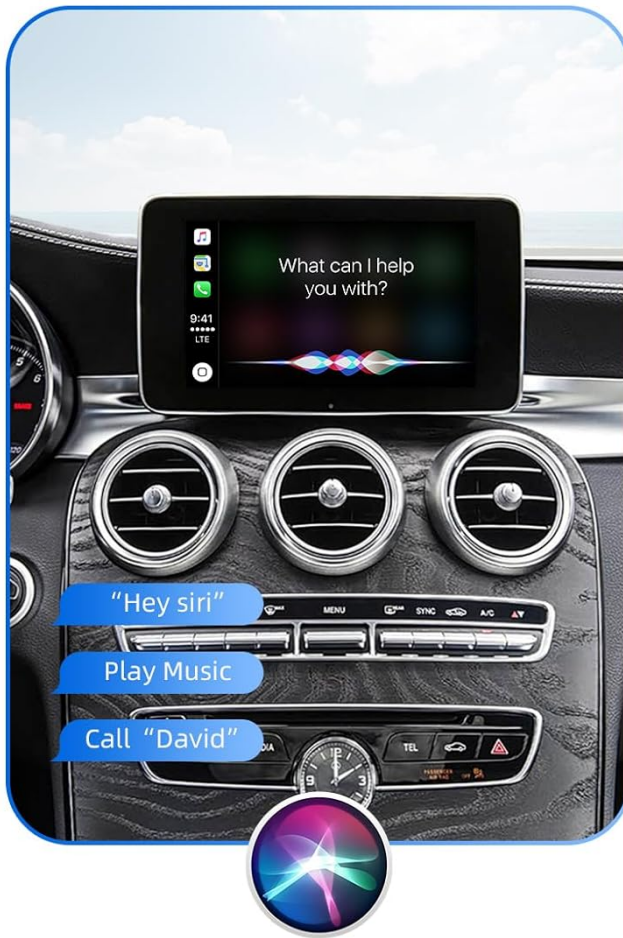


Figure 7: Images demonstrating the continued functionality of steering wheel buttons (e.g., volume, voice awakening) and the central control panel knob for system interaction.

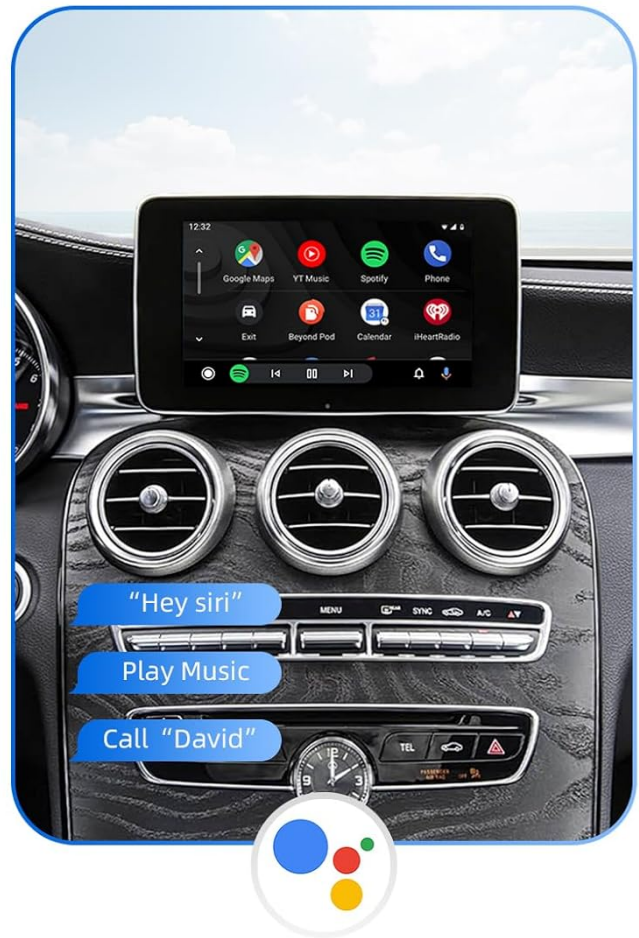
5.5 Intelligent Voice Control

Utilize your smartphone's voice assistant (Siri for CarPlay, Google Assistant for Android Auto) for hands-free operation. This allows for safer driving by controlling navigation, music, and calls using voice commands.

Intelligent Voice Control



Intelligent voice control without hands operation, safer driving! More sensitive voice recognition, more extensive recognition



Keep in touch with Google Assistant. Google Assistant can read your messages out loud.

Figure 8: Screenshots showing Siri and Google Assistant interfaces on the car screen, responding to voice commands like "Hey Siri" or "Hey Google" for tasks such as playing music or making calls.

5.6 Backup Camera Input Support

The decoder adapter supports connecting an aftermarket backup camera or front camera. When the vehicle is shifted into reverse, the camera feed will automatically display on the car screen, aiding in parking and maneuvering.

Optional Aftermarket Rear View Camera



Figure 9: Image depicting a rear-view camera display on the car's screen, showing parking guidelines and the view behind the vehicle.

5.7 In-Car Hi-Fi Audio

The adapter utilizes digital transmission to maintain the original sound quality of your car's audio system, providing uninterrupted, high-quality music playback without signal interference or audio delay.

6. MAINTENANCE

The ANYFAR RM-BZ2684F Decoder Adapter is designed for maintenance-free operation. No user-serviceable parts are inside. To ensure longevity, keep the module free from moisture and extreme temperatures. Avoid attempting to open or repair the device, as this will void the warranty.

7. TROUBLESHOOTING

If you encounter issues with your ANYFAR Decoder Adapter, please refer to the following common troubleshooting steps:

- **No Power/System Not Turning On:**
 - Check all power connections to ensure they are securely seated.

- Verify the vehicle's battery is properly connected and charged.
- Confirm that the vehicle's ignition is on.
- **No Display/Black Screen:**
 - Ensure the LVDS IN and LVDS OUT cables are correctly connected between the head unit, decoder, and display.
 - Confirm the system is switched to the CarPlay/Android Auto interface (refer to Section 5.1).
- **Wireless CarPlay/Android Auto Not Connecting:**
 - Ensure your phone's Bluetooth and Wi-Fi are enabled.
 - Forget the device from your phone's Bluetooth settings and attempt to pair again.
 - Restart your phone and the vehicle's infotainment system.
- **Audio Issues (No Sound/Distorted Sound):**
 - Check the vehicle's audio input settings to ensure the correct auxiliary input is selected.
 - Verify all audio connections are secure.
 - Adjust volume levels on both the phone and the car's system.
- **Backup Camera Not Displaying:**
 - Ensure the camera is properly connected to the CAMERA/USB port on the decoder.
 - Verify the camera is receiving power.
 - Check the vehicle's gear selection (must be in reverse).

If these steps do not resolve the issue, please contact customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	RM-BZ2684F
Brand	ANYFAR
Compatible Vehicles	Mercedes-Benz NTG 4.5/4.7 Systems (2010-2014)
Connectivity Technology	USB, Wireless (Bluetooth, Wi-Fi for CarPlay/Android Auto)
Controller Type	Hand Control (integrates with original car controls)
Special Feature	Hands-Free Calling, Wireless CarPlay, Wireless Android Auto, Mirror Link, USB Playback, Backup Camera Support
Compatible Devices	Smartphone
Connector Type	Micro USB (for USB port), LVDS, Power/CAN
Audio Output Mode	Stereo






Package Dimensions	9.69 x 6.65 x 3.82 inches
Item Weight	2.02 pounds
Manufacturer	Huizhou Rhythm Technology Co, Ltd


9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official ANYFAR website. If you require technical assistance or have questions regarding installation or operation, please contact ANYFAR customer service directly.

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Related Documents - RM-BZ2684F

	ANYFAR F06 Wireless CarPlay & Android Auto Installation Guide Detailed installation and user guide for the ANYFAR F06 Wireless CarPlay and Android Auto upgrade kit, compatible with BMW Series 6 (F06, F12, F13, G32) 2010-2020 models (CIC, NBT, EVO). Covers function introduction, installation, DIP settings, button controls, wireless connection setup for CarPlay and Android Auto, external settings like rearview camera input and radar/trajectory, and common troubleshooting tips.
	RM-VLV2510F User Manual: ANYFAR Intelligent Car Information System with CarPlay & Android Auto User manual for the RM-VLV2510F, an intelligent car information system by ANYFAR that adds wireless Apple CarPlay and Android Auto functionality to compatible Volvo vehicles. Includes installation, setup, specifications, and troubleshooting.
	ANYFAR RM-AR2749F User Manual: Intelligent Car Information System for Alfa Romeo Comprehensive user manual for the ANYFAR RM-AR2749F intelligent car information system, featuring Apple CarPlay and Android Auto for Alfa Romeo Giulia and Stelvio (2017-2020). Includes installation, settings, specifications, and troubleshooting.
	ANYFAR Wireless CarPlay & Android Auto Interface User Manual for Audi MIB/MMI 3G+ Comprehensive user manual for the ANYFAR Wireless CarPlay and Android Auto interface kit designed for Audi MIB/MMI 3G+ systems. Covers installation, setup, connection methods for Apple CarPlay, Android Auto, and screen mirroring, audio settings, reversing camera configuration, and steering wheel controls for various Audi models.
	ANYFAR RM-VLV2540F User Manual: CarPlay & Android Auto Integration for Volvo Comprehensive user manual for the ANYFAR RM-VLV2540F intelligent car information system, detailing installation, setup, wireless connectivity for Apple CarPlay and Android Auto, camera input, and troubleshooting for Volvo vehicles.

	<p>User Manual: Wireless CarPlay & Android Auto for BMW CIC Systems</p> <p>Comprehensive user manual for installing and operating the ANYFAR Wireless CarPlay and Android Auto interface for BMW CIC systems, covering functional statements, toggle switch setup, wireless connection methods for CarPlay and Android Auto, screen mirroring, audio settings, kit contents, cable connections, installation, and sound setup.</p>
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