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> XTRONS Single Din Car Stereo User Manual for BMW E46 M3 Rover 75 - Android 14, 8.8 Inch QLED

**XTRONS b7d15b50-72f5-4b49-a238-a765ea844620**

# XTRONS Single Din Car Stereo User Manual

Model: b7d15b50-72f5-4b49-a238-a765ea844620

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your XTRONS Single Din Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

### Applicable Models & Years

This XTRONS car stereo is designed for specific vehicle models and years:

- **For BMW E46:** 4-door Sedan (1998-2005), 2-door Coupe (1999-2006), 2-door Convertible (1999-2006), M3 (2000-2006)
- **For Rover 75:** (1999-2005)
- **For MG ZT:** (2001-2005)

# Applicable Models & Years

## For BMW

For BMW E46 4-door Sedan (1998-2005), BMW E46 2-door Coupe (1999-2006), BMW E46 2-door Convertible (1999-2006), E46 M3 (2000-2006)

## For Rover

For Rover 75 (1999-2005)

## For MG

For MG ZT (2001-2005)



Image: Applicable car models and years for the XTRONS car stereo, including BMW E46 variants, Rover 75, and MG ZT.

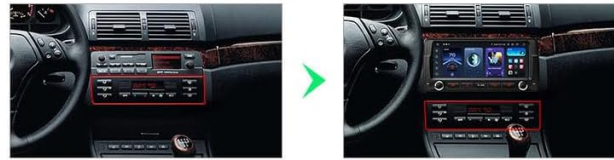
## 2. COMPATIBILITY AND INSTALLATION NOTES

### Important Notes on Compatibility

Before installation, verify your car's center console matches the provided images. If your vehicle has an air-conditioning cover, it may need to be removed to accommodate the unit.

## Important Notes on Compatibility

Please check your car's center console and see whether there is an air-conditioning cover like the picture shows. If there is, you can remove it to the container and then install this unit in your car perfectly.



## Cables You May Need

Please check if your car's **radio antenna port** is the same as the picture and it is **inside the console**, you need to order an adapter cable (**XTRONS ISOFZ**) to finish the installation.

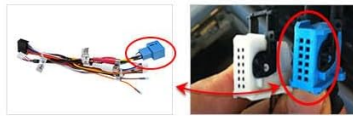


If your car's radio antenna port is the same as the picture and it is in the trunk, you need to order two extension cables (**XTRONS ISOFZ and FZMF**) to finish the installation.

If your car's original radio is 4.3" or 7" screen with 12 pins plug, or you have the navigation drive located in the rear of your car, you need to order an extra 6m extension cable to aid for the installation. (**XTRONS EXL005 and EXL007** are compatible).



If there is a blue 12pin plug in your car, you need to order this cable to aid for the installation. (**XTRONS ICE/ACS/BMW DSP01** is compatible.)



If there is DSP (Digital Sound Processing) button in your factory radio, or your car has a digital sound system like "Harman Kardon", you need to order an extension cable to aid for the installation. (**XTRONS EXL007** is compatible.)

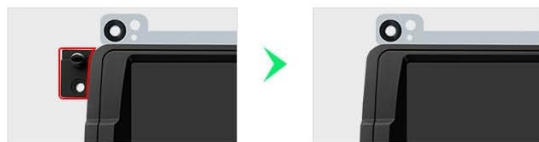


If your car has fibre optic amplifier system, you need to order a decoder to aid for the installation. (**XTRONS FOBB05** is compatible.)



If you want to install this unit in your Rover 75 (1999-2005), MG ZT(2001-2005) :

① you need to cut the trimming of this unit in both sides.



② your radio harness is **36pin** as below picture, you need to order an extra ISO wiring harness from us. (**XTRONS AK/PSP9046B/ISOCBL02** is compatible, need it, please order it from XTRONS website.)



Caution: Please make sure that all the functions operate properly before trimming.

Image: Diagram showing how to check the car's center console and the process for removing the air-conditioning cover if necessary for installation.

## Cables You May Need

Depending on your vehicle's original configuration, additional cables or adapters may be required:

- **Radio Antenna Port:** If your car's radio antenna port differs from the standard or is located in the trunk, you may need an adapter cable (XTRONS ISO FZ / FZMF) or two extension cables.
- **4.3" or 7" Screen with 12-pin Plug:** For vehicles with an original 4.3" or 7" screen and a 12-pin plug, or if navigation is located in the rear, an extension cable (XTRONS EXL005) is required.
- **Blue 12-pin Plug:** If your car has a blue 12-pin plug, an adapter cable (XTRONS ICE/ACS/BMW DSP01) is needed.
- **DSP (Digital Sound Processing) Button:** If your factory radio has a DSP button or a Harman Kardon sound system, a decoder (XTRONS EXL007) is necessary.
- **Fiber Optic Amplifier System:** For vehicles with a fiber optic amplifier system, an adapter (XTRONS FOBB05) is required.
- **Rover 75 (1999-2005) / MG ZT (2001-2005):** You may need to trim the plastic on both sides of the unit and an extra ISO wiring harness (XTRONS AK/PSP9046B/ISOCBL02) if your radio harness is 36-pin.

# Unparalleled Quantum Dot Screen See the Unseen

QLED

1280x480  
Resolution



Glass+Glass

178° Wide Viewing Angle

Capacitive Touch Screen



Image: Visual guide for identifying and selecting necessary adapter cables for different vehicle configurations, including antenna, display, DSP, and fiber optic systems.

## 3. SETUP AND INSTALLATION

### Unboxing and Initial Inspection

Upon opening the package, ensure all components are present and undamaged. The box should contain:

- 1 × ISO Wiring Harness
- 1 × RCA Cable
- 1 × Radio Antenna Cable
- 1 × 4G+ Antenna
- 1 × 4G- Antenna
- 2 × USB Cable
- 1 × GPS Antenna

- 1 × CANbus Cable
- 1 × Camera Cable
- 1 × CANbus Box
- 2 × User Manual (English, German)

## Installation Overview

Installation typically involves removing the existing head unit, connecting the appropriate wiring harnesses and antennas, and securing the new XTRONS unit into the dashboard. Due to variations in vehicle models, it is recommended to consult a professional installer or refer to vehicle-specific installation guides for detailed steps. Ensure the vehicle's battery is disconnected before beginning any electrical work.

## Wiring Diagram

A detailed wiring diagram is provided in the included user manual (English/German). Please refer to this diagram for precise connections of power, speakers, antennas, and other accessories.

## First Power On

After installation, reconnect the vehicle battery. The unit should power on automatically or by pressing the power button. Follow the on-screen prompts for initial setup, including language selection and time zone.

## 4. OPERATING INSTRUCTIONS

### Basic Functions

- **Power On/Off:** Press and hold the power button. A short press may mute/unmute audio.
- **Volume Control:** Use the rotary knob or on-screen controls to adjust volume.
- **Source Selection:** Tap the 'Source' icon on the touchscreen to switch between radio, media, Bluetooth, navigation, and other applications.

### QLED Touch Screen Features

The unit features an 8.8-inch QLED display with 1280x480 resolution, offering clear visuals and a responsive interface. The IPS panel provides a 178° wide viewing angle, ensuring visibility from various positions within the vehicle. The capacitive touchscreen allows for intuitive control.

# Sync with Your Smartphone Effortlessly

 **CarPlay**  
Wireless

Play some music.

 **Android Auto**  
Wireless/Wired



 **Screen Mirroring**  
Wireless Connection

 **Bluetooth**



Image: The 8.8-inch QLED display, showcasing its 1280x480 resolution, IPS panel for 178° wide viewing angle, and responsive capacitive touch functionality.

## Smartphone Connectivity (CarPlay & Android Auto)

The stereo supports built-in wireless Apple CarPlay and both wireless and wired Android Auto. Connect your smartphone via Bluetooth for wireless access or a USB cable for wired Android Auto. This allows for seamless integration of navigation, calls, music, and voice assistants (Siri, Google Assistant) directly on the head unit's display.



Image: The car stereo displaying both Apple CarPlay and Android Auto interfaces, demonstrating wireless connectivity options for smartphones.

## Bluetooth 5.0

Utilize Bluetooth 5.0 for hands-free calling and audio streaming. Pair your device through the Bluetooth settings menu on the head unit. This enables making and receiving calls directly from the stereo and playing audio from your phone.

## Audio Settings (DSP & DTS Sound)

The unit incorporates a powerful TDA7808 digital amplifier chip and Si47925 intelligent audio processor with DTS decoding technology. This provides high-efficiency digital processing and lossless audio output. Access the equalizer and sound settings to customize your audio experience.

# Built-in HD Out, Share Contents in High Fidelity with Passengers



Image: The car stereo's display showing the DTS Digital Sound logo and an on-screen graphic equalizer, illustrating the advanced audio customization options.

## HDMI Output

A built-in HDMI port allows for high-fidelity content transmission to external monitors, such as rear-seat entertainment screens. You can choose to display the same content as the main unit or different content simultaneously.

# Smart and Intuitive UI with Day/Night Mode

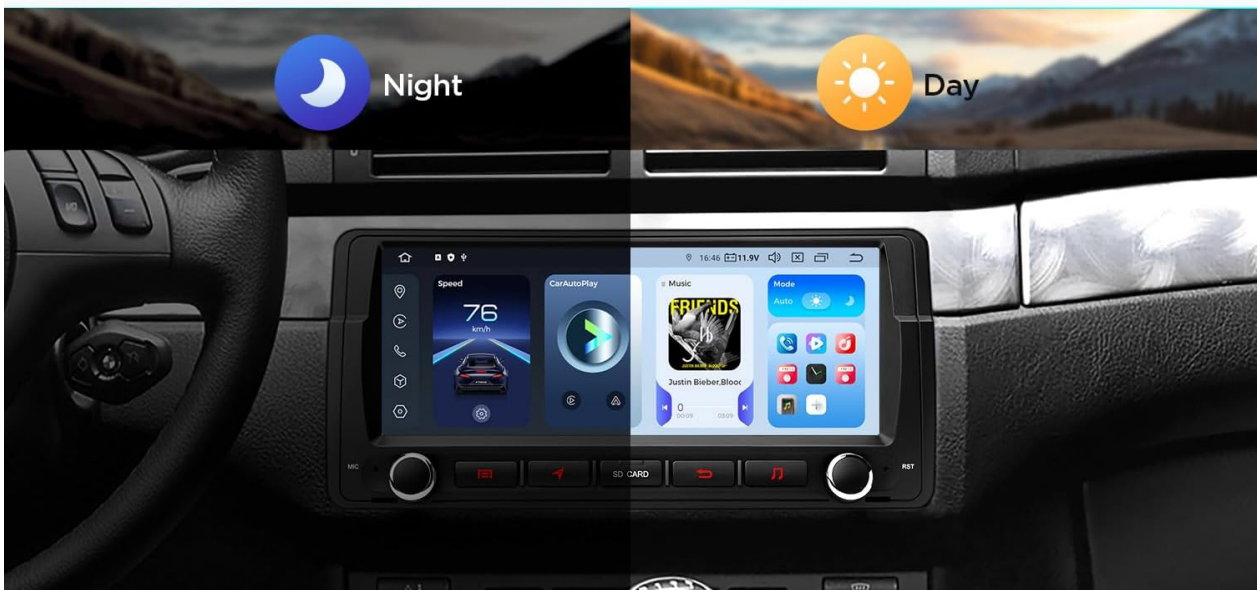


Image: A visual demonstration of the HDMI output feature, where the car stereo's content is mirrored or independently displayed on a rear-seat monitor.

## User Interface and Modes

The Android 14 operating system provides a smart and intuitive user interface. Features include:

- **Day/Night Mode:** Automatically or manually switch between display modes for optimal visibility in different lighting conditions.
- **Split Screen:** Run two applications side-by-side, for example, navigation and a music player.
- **Picture-in-Picture:** Maintain video playback in a small window while using other functions.
- **Customizable Shortcuts:** Access frequently used apps quickly from a dedicated bar.

## Size



## Accessories



1 x ISO Wiring Harness



1 x RCA Cables



2 x USB Cable



1 x Camera Cable



1 x 4G- Antenna



1 x 4G+ Antenna



1 x Radio Antenna Cable



1 x CANbus Cable



1 x GPS Antenna



1 x CANbus Box



1 x German Manual



1 x English Manual

Image: Screenshots of the XTRONS car stereo's user interface, highlighting the Day/Night mode switch, customizable app shortcuts, and car model selection options.

### CANbus Decoding

Optimized CANbus decoding ensures seamless integration with your vehicle's existing systems. This enables functions such as steering wheel control, ACC (Accessory) control, reversing camera activation, and display of door status information.

### Dual Band Wi-Fi

The unit supports both 2.4GHz and 5GHz Wi-Fi bands, providing faster speeds and improved flexibility. This helps to avoid connection issues and interference, offering a more stable internet connection for online features and app downloads.

## 5. MAINTENANCE

### Cleaning the Screen

To clean the QLED touchscreen, use a soft, lint-free cloth. For stubborn smudges, lightly dampen the cloth

with water or a screen-safe cleaning solution. Avoid harsh chemicals or abrasive materials that could damage the screen surface.

## Software Updates

Periodically check for software updates to ensure optimal performance and access to new features. Updates can typically be performed via Wi-Fi through the unit's system settings. Follow the on-screen instructions carefully during the update process.

## 6. TROUBLESHOOTING

### Common Issues and Solutions

- **No Power:** Check all power connections and fuses. Ensure the vehicle battery is properly connected.
- **No Sound:** Verify speaker connections. Check volume levels and ensure the unit is not muted. Confirm audio source selection.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the stereo and your smartphone. Delete previous pairings and attempt to re-pair.
- **GPS Signal Loss:** Ensure the GPS antenna is correctly installed and has a clear view of the sky. Check GPS settings in the unit.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset may be necessary (note: this will erase all user data).
- **Steering Wheel Controls Not Working:** Verify CANbus connections and ensure the CANbus box is correctly installed and configured.

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

## 7. SPECIFICATIONS

Feature	Detail
Model Number	b7d15b50-72f5-4b49-a238-a765ea844620
Screen Size	8.8 Inch QLED IPS
Resolution	1280*480
Operating System	Android 14
Processor	Qualcomm Snapdragon 665 Octa-Core
RAM	8GB
ROM	256GB
Connectivity	Bluetooth 5.0, Cellular, USB, Wi-Fi (2.4GHz & 5GHz)

Special Features	Touchscreen, Wireless CarPlay, Wireless & Wired Android Auto, DSP, DTS Digital Sound, HDMI Output
Audio Output Mode	Stereo
Surround Sound Config	4.0
Video Encoding	H.264, H.265/HEVC

## Dimensions

### Size



### Accessories



1 x ISO Wiring Harness



1 x RCA Cables



2 x USB Cable



1 x Camera Cable



1 x 4G- Antenna



1 x 4G+ Antenna



1 x Radio Antenna Cable



1 x CANbus Cable



1 x GPS Antenna



1 x CANbus Box



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Image: Technical drawing illustrating the physical dimensions of the XTRONS car stereo unit, including width, height, and depth.

Measurement	Value
Width	248mm
Height	120mm
Depth (Overall)	178mm

Depth (Top)	30mm
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## 8. WARRANTY AND SUPPORT

### Warranty Information

Your XTRONS car stereo comes with a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official XTRONS website for detailed terms and conditions regarding warranty coverage and duration.

### Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your product, please contact XTRONS customer support. Contact information can typically be found on the official XTRONS website or in the included documentation.