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› XTRONS Single Din Car Stereo for BMW E39 M5 User Manual

XTRONS IX7239B

XTRONS Single Din Car Stereo User Manual

Model: IX7239B

Brand: XTRONS

1. PRODUCT OVERVIEW

This manual provides detailed instructions for the XTRONS Single Din Car Stereo, designed for BMW E39 M5 (1999-2003) and BMW E39 (1995-2003) models. It features an Android 12 operating system, Octa Core processor, 8GB RAM, 128GB ROM, a 7-inch IPS touch screen, built-in DSP, and 4G LTE connectivity.



Front view of the XTRONS Single Din Car Stereo, showcasing its 7-inch touch screen with the Android 12 operating system interface. The unit features physical buttons and knobs on both sides for easy control.

2. KEY FEATURES

- **Fast & Responsive Performance:** Android 12 OS, Octa Core CPU, 8GB RAM, 128GB ROM for quick

boot times and smooth operation.

- **Global 4G LTE Modem:** Supports 99% of worldwide carriers for ultra-fast data access via Micro-SIM (not included).
- **Wireless Car Play & Android Auto:** Seamless integration with iPhone (wireless CarPlay) and Android phones (wireless & wired Android Auto) for navigation, calls, and apps.
- **7-inch Multi-Touch IPS Screen:** 1024x600 high-resolution display with 178° viewing angle for clear visuals and responsive touch.
- **Built-in DSP:** Enhances audio quality for a superior listening experience.
- **Dual Band Wi-Fi:** Supports both 2.4GHz and 5GHz bands for faster and more stable internet connection.
- **GPS Navigation:** Compatible with popular Android navigation software like Google Maps, Sygic, and Waze.
- **DVD Player:** Built-in multi-region DVD player compatible with most DVD and CD formats.

An infographic highlighting the core specifications and features of the IX Series car stereo, including its powerful hardware and connectivity options.

3. INSTALLATION GUIDE

Applicable Models & Years

This unit is specifically designed for:

- **BMW E39 M5 (1999-2003)**
- **BMW E39 (1995-2003)**

Applicable Models & Years

For BMW

For BMW E39 M5 (1999-2003), BMW E39 (1995-2003)

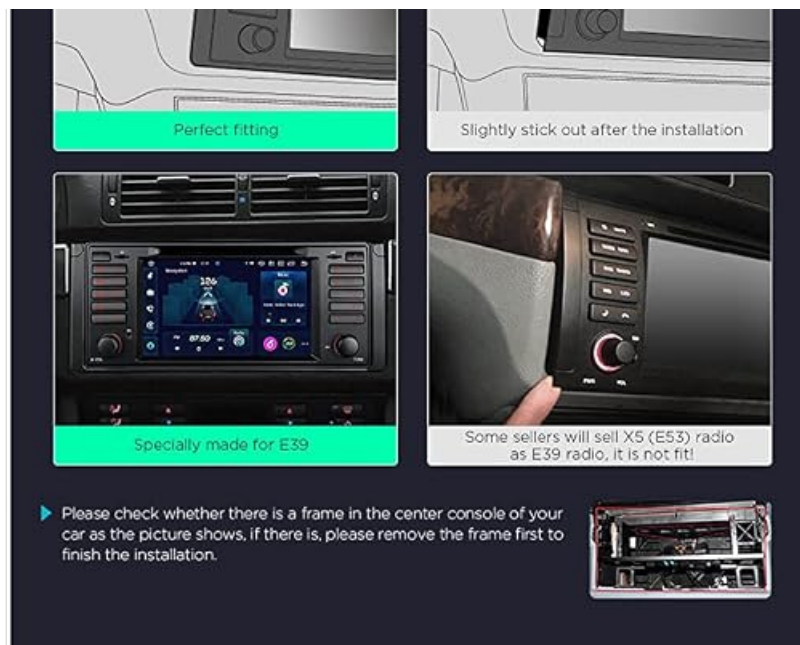


A visual comparison showing the original BMW E39 dashboard setup ('Before') and the dashboard with the XTRONS car stereo successfully installed ('After'), demonstrating seamless integration.

Important Notes on Compatibility

Ensure your car's central console is circular angle before purchasing. Refer to the provided image for correct and incorrect angles. Check if there is a frame in the central console of your car as pictured; if so, remove it.





Cables You May Need

► If your car is BMW E38, please check whether there is HVAC Box behind the factory radio. If there is, please refer to **XTRONS IX1239BLH**.

IX1239BLH

► 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.

FM/AM antenna

ISOFZ

FZMF

► 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 EXG005**, **EXL007** are compatible.)

► Connect the blue plug in XTRONS ISO wiring harness **ONLY IF** there is a blue 12-pin plug in your car.

XTRONS ISO cable

Original 12-pin port

This image provides crucial compatibility information, illustrating the correct and incorrect angles for installation in the BMW E39 central console. It also details various cable adapters that may be required, such as the HVAC box adapter, radio antenna adapters (ISO to FAKRA, FAKRA to FAKRA), and connections for original 4:3 or 7-inch screens.

Wiring Diagram

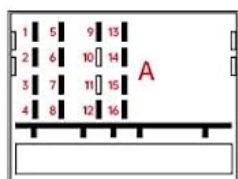
Refer to the detailed wiring diagram below for proper connection of all components.

Wiring Diagram

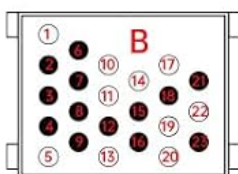


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|-------------------------------------|---------------------------------------|
| 1. 4G Antenna | 17. Back, Reversing Control Cable |
| 2. GPS Antenna | 18. BT-ANT, Bluetooth Antenna |
| 3. Radio Antenna Port | 19. Wi-fi Antenna |
| 4. 4G SIM Card Slot | 20. CAM IN, Camera Video Input |
| 5. Microphone Port | 21. USB Port1 |
| 6. CVBS-IN-2, Front Camera Input | 22. USB Port2 |
| 7. SUBWOOFER, Subwoofer Output | 23. CANbus Box |
| 8. AUX IN L, Audio Input Left | 24. ACC |
| 9. AUDIO OUT L, Audio Output Left | 25. ACC |
| 10. 2176, Amplifier Control Cable | 26. Reversing Control Cable |
| 11. AUX IN R, Audio Input Right | 27. BRAKE, Brake-in Cable |
| 12. AUDIO OUT R, Audio Output Right | 28. KEY1, Steering Wheel Control Key1 |
| 13. CVBS-IN-1, Video Input1 | 29. KEY2, Steering Wheel Control Key2 |
| 14. RR OUT, Rear Right Audio Output | 30. ISO Wiring Harness 1 |
| 15. RL OUT, Rear Left Audio Output | 31. ISO Wiring Harness 2 |
| 16. BRAKE, Brake In Cable | 32. ISO Wiring Harness 3 |

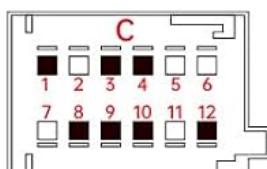
ISO Wiring Harness



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|--------------------------|--------------------------|------------------------|
| A1: Rear Right Speaker+ | A6. Front Right Speaker- | A13: Amplifier Control |
| A2: Front Right Speaker+ | A7. Front Left Speaker- | A14: Big Light Control |
| A3: Front Left Speaker+ | A8. Rear Left Speaker- | A15: Power Source 12V+ |
| A4: Rear Left Speaker+ | A9: CANbus Decoder | A16: ACC |
| A5: Rear Right Speaker- | A12: GND | |



- | | | |
|--------------------------|-------------------------|------------------------|
| B2: Front Right Speaker+ | B8: Front Left Speaker- | B18: CANbus Decoder |
| B3: Rear Right Speaker+ | B9: Rear Right Speaker- | B21: ACC |
| B4: Front Right Speaker- | B12: Rear Left Speaker- | B23: Amplifier Control |
| B6: Front Left Speaker+ | B15: Power Source 12V+ | |
| B7: Rear Left Speaker+ | B16: GND | |



- | | |
|--------------------------|--------------------------|
| C1: B+ | C9: Front Left Speaker+ |
| C3: Front Right Speaker- | C10: Front Left Speaker- |
| C4: Front Right Speaker+ | C12: I-BUS |
| C8: GND | |

A comprehensive diagram illustrating all necessary wiring connections for the car stereo, including numbered points for each cable and a table detailing the ISO Wiring Harness pin assignments for amplifier, power, CANbus, and speaker connections.

4. OPERATING INSTRUCTIONS

Wireless Car Play & Android Auto

Connect your iPhone to the car stereo wirelessly through Bluetooth for CarPlay. You can use apps on the large screen or activate Siri for voice commands. For Android phones, connect wirelessly or via USB cable for Android Auto. Cast apps to the screen and use Google Assistant for voice commands.

This video demonstrates the seamless integration of Wireless Car Play and Android Auto with the XTRONS car stereo, showing how to connect smartphones and utilize voice commands for navigation, calls, and media playback.

Built-in DSP (Digital Sound Processor)

The integrated ROHM DSP allows for advanced audio customization, enhancing your music listening experience with features like sound field adjustment, bass boost, and a detailed equalizer.

Global 4G LTE Network

Insert a Micro-SIM network card (not included) to access ultra-fast 4G mobile broadband directly from the unit. Supports 99% of carriers worldwide.

GPS Navigation

The unit supports various Android navigation software, including Sygic, IGO, Waze, and Google Maps, providing accurate and reliable guidance.

Dual Band Wi-Fi

Supports both 2.4GHz and 5GHz Wi-Fi bands for faster speeds and improved connection stability, avoiding interference.

USB Tethering

Get online by connecting your smartphone via the USB port and enabling "USB Tethering" (Android) or "Allow Others to Join" (iPhone).

PIP (Picture-in-Picture) Mode

PIP is a floating video player that stays in the foreground, allowing you to watch videos while multitasking with other applications.

Multi-window View

Run two applications side-by-side on the screen. For example, you can have a navigation map on one side and a music player on the other.

DAB+ Tuner Ready (Optional)

Enjoy digital radio by connecting an XTRONS USB DAB radio receiver stick (sold separately) via the USB port.

OBD2 Support (Optional)

With the optional OBD2 function, retrieve real-time data and trouble codes from your vehicle's computer, providing valuable diagnostic information.

5. SPECIFICATIONS

- **Display:** 7-inch IPS Panel, 1024x600 High Definition
- **Processor:** Octa Core (Cortex-A75 x2 + Cortex-A55 x6)
- **RAM:** 8GB DDR4 RAM
- **ROM:** 128GB SSD
- **Operating System:** Android 12
- **Connectivity:** 4G LTE, Dual Band Wi-Fi (2.4GHz & 5GHz), Bluetooth 5.0
- **Radio:** Built-in ST TDA7708 radio chip with RDS (AM/FM)
- **Amplifier:** TDA7388 High Power Amplifier
- **Audio:** Built-in ROHM DSP
- **Visible Screen Diagonal:** 7 inches / 18 cm

Size



Accessories



1 x ISO Wiring Harness



1 x RCA Cable



1 x Radio Cable Adapter



1 x GPS Antenna



2 x USB Cable



1 x 4G Antenna



1 x Camera Cable



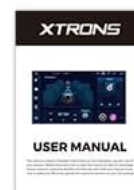
1 x CANbus Box



2 x Installation Holder



1 x Radio Antenna Cable



1 x User Manual

This image provides the physical dimensions of the car stereo unit (e.g., 30mm height, 158mm depth, 178mm width, 120mm front panel height, 285mm front panel width, 50mm chassis height) and visually lists all standard accessories included in the box.

6. WHAT'S IN THE BOX

- 1 x ISO Wiring Harness
- 1 x RCA Cable
- 1 x GPS Antenna
- 2 x USB Cable
- 1 x 4G Antenna

- 1 × Camera Cable
- 1 × CANbus Box
- 2 × Installation Holder
- 1 × Radio Antenna Cable
- 1 × Radio Cable Adapter
- 1 × User Manual

Size



Accessories



1 x ISO Wiring Harness



1 x RCA Cable



1 x Radio Cable Adapter



1 x GPS Antenna



2 x USB Cable



1 x 4G Antenna



1 x Camera Cable



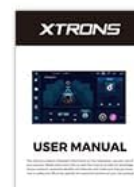
1 x CANbus Box



2 x Installation Holder



1 x Radio Antenna Cable



1 x User Manual

A clear visual list of all components provided with the car stereo, ensuring users can verify package contents upon receipt.

7. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your XTRONS car stereo, follow these general maintenance guidelines:

- Keep the screen clean using a soft, lint-free cloth. Avoid abrasive cleaners.
- Ensure proper ventilation around the unit to prevent overheating.
- Regularly check cable connections for security.
- Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- For software updates, refer to the XTRONS official website or contact support.

Cleaning the Screen

Use a microfiber cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Do not spray liquid directly onto the screen.

8. TROUBLESHOOTING

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

No Power

- Check all power connections to ensure they are securely plugged in.
- Verify the vehicle's fuse box for any blown fuses related to the stereo.
- Ensure the car's ignition is on or in accessory mode.

No Sound

- Check speaker wire connections.
- Verify volume levels on the unit and any connected devices.
- Ensure the mute function is not activated.
- Check audio settings, especially DSP settings, to ensure they are configured correctly.

GPS Signal Issues

- Ensure the GPS antenna is properly installed and has a clear line of sight to the sky.
- Check GPS settings within the unit to ensure GPS is enabled.
- Update GPS maps if necessary.

Bluetooth Connectivity Problems

- Ensure Bluetooth is enabled on both the car stereo and your mobile device.
- Delete previous pairings and attempt to re-pair the devices.
- Restart both the car stereo and your mobile device.

Touch Screen Unresponsive

- Perform a soft reset of the unit (refer to the user manual for specific instructions, usually a small reset button).

- Ensure the screen is clean and free of debris.

For more complex issues, please contact XTRONS technical support.

9. WARRANTY AND SUPPORT

XTRONS backs this unit with a **1-year warranty** from the date of purchase.

For professional technical support, please contact XTRONS via Amazon email. They are committed to replying promptly and ensuring your rights and interests.

For additional accessories and support items, please visit the official XTRONS store or search for specific ASINs mentioned in the product description.



The official logo of XTRONS, the manufacturer of this car stereo.