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› XTRONS QAM1250 Car Stereo User Manual

XTRONS QAM1250

XTRONS QAM1250 Car Stereo User Manual

Model: QAM1250 | Brand: XTRONS

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS QAM1250 Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

The XTRONS QAM1250 is an advanced Android 12 car stereo system designed for specific Mercedes-Benz models, offering a 10.25-inch HD IPS touchscreen, integrated GPS, Wi-Fi, 4G connectivity, and support for Apple CarPlay and Android Auto.

2. COMPATIBILITY

The XTRONS QAM1250 is specifically designed for the following Mercedes-Benz models:

- Mercedes-Benz A-Class W176 (2016-2018)
- Mercedes-Benz GLA-Class X156 (2016-2018)
- Mercedes-Benz CLA-Class W117 (2016-2018)
- Mercedes-Benz G-Class W463 (2016-2018)

Important: This unit is only compatible with vehicles equipped with the NTG 5.1 or NTG 5.2 system.

3. KEY FEATURES

- **Operating System:** Android 12
- **Processor:** Octa-Core
- **Memory:** 8GB RAM, 128GB ROM
- **Display:** 10.25-inch HD IPS Touchscreen (1920x720 resolution)
- **Connectivity:** Integrated Wi-Fi, Integrated 4G (with SIM card reader), Bluetooth 5.0 Qualcomm
- **Navigation:** Built-in GPS for online and offline navigation (supports GPS, BDS, GLONASS)

- **Smartphone Integration:** Apple CarPlay and Android Auto (integrated), Screen Mirroring
- **Audio:** Compatible with original fiber optic amplifier
- **Vehicle Integration:** Supports original steering wheel controls, original rear camera, and maintains original vehicle information display.
- **Multimedia:** USB reader (up to 128GB), 2K Video support
- **User Interface:** Split Screen function for multitasking.



Image: The XTRONS QAM1250 unit displaying its core specifications including Android OS, 10.25-inch HD screen, Octa Core processor, 8GB RAM, 128GB ROM, Global 4G LTE, and 2K video support.

4. SETUP AND INSTALLATION

Installation of the XTRONS QAM1250 requires technical knowledge and should ideally be performed by a qualified professional. Incorrect installation can lead to damage to the unit or the vehicle's electrical system.

4.1 Pre-Installation Checks

- Verify vehicle compatibility (Mercedes-Benz A/GLA/CLA/G with NTG 5.1/5.2 system).
- Ensure all components listed in the package contents are present.
- Disconnect the vehicle's battery before starting installation to prevent electrical shorts.

4.2 Installation Steps (General Overview)

1. Carefully remove the original car stereo or display unit according to your vehicle's service manual.
2. Connect the provided wiring harness to the vehicle's existing connectors. Ensure all connections are secure.
3. Connect the GPS antenna, 4G antenna (if applicable), and Wi-Fi antenna to the XTRONS unit. Position antennas in locations that provide optimal signal reception.
4. Connect the display cable and power cable to the XTRONS QAM1250 unit.
5. If connecting an aftermarket rear camera, connect its video input to the designated port on the unit.
6. Carefully mount the XTRONS QAM1250 unit into the dashboard opening.
7. Reconnect the vehicle's battery.
8. Power on the unit and perform initial setup and testing.



Image: The XTRONS QAM1250 unit seamlessly integrated into a Mercedes-Benz dashboard, displaying its main menu with options for NTG Menu, Dashboard, and Settings.



Image: A view of the XTRONS QAM1250 package contents, showing the main unit, various connection cables, GPS antenna, 4G antenna, and user manuals.

5. OPERATING INSTRUCTIONS

The XTRONS QAM1250 operates on an Android 12 system, providing a familiar and intuitive user experience via its touchscreen interface.

5.1 Basic Navigation

- **Touchscreen:** Interact with the unit by tapping, swiping, and pinching on the 10.25-inch HD IPS display.
- **Home Screen:** Access frequently used apps and widgets from the customizable home screen.
- **App Drawer:** Swipe up or tap the app drawer icon to view all installed applications.
- **Steering Wheel Controls:** Utilize your vehicle's original steering wheel controls for volume adjustment, track skipping, and call management.

XTRONS®**1920x720**
HD Screen**Octa Core** | **8GB** RAM | **128GB** ROM | **10.25"****Full Laminated**
Screen

GPS

BDS

GLONASS



Image: The XTRONS QAM1250 unit showing a grid of various Android applications, including Display Tester, File Manager, Gallery, Google, GPSTest, Instructions, Maps, Messaging, Play Store, Settings, Voice Search, and YouTube.

5.2 GPS Navigation

The unit supports both online and offline navigation. Pre-installed maps may be available, or you can download your preferred navigation apps from the Google Play Store.

- Ensure the GPS antenna is properly connected and positioned for optimal signal.
- Open your preferred navigation application (e.g., Google Maps, Waze).
- Enter your destination and follow the on-screen and voice-guided directions.



Image: The XTRONS QAM1250 unit displaying icons for Navigation, Bluetooth, and CarAutoPlay, indicating its core functionalities.

5.3 Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling and audio streaming.

1. Go to the unit's Settings menu and select "Bluetooth".
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select "XTRONS QAM1250" (or similar name) from the list on your phone.
4. Confirm the pairing code on both devices.
5. Once paired, you can make/receive calls and play music through the car's speakers.

5.4 Apple CarPlay & Android Auto

The unit features integrated Apple CarPlay and Android Auto for seamless smartphone integration.

- **Wired Connection:** Connect your smartphone to the unit's USB port using a certified USB cable.
- **Wireless Connection:** For wireless CarPlay/Android Auto, ensure Bluetooth and Wi-Fi are enabled on your phone and follow the on-screen prompts for initial setup.
- Once connected, your phone's compatible apps (navigation, music, messages) will appear on the unit's display.

XTRONS®

1920x720
HD Screen



Octa Core | **8GB** RAM | **128GB** ROM | **10.25"**



Full Laminated
Screen

GPS



BDS



GLONASS



Image: The XTRONS QAM1250 unit showcasing the Apple CarPlay interface, with icons for Phone, Music, Maps, Messages, Now Playing, Podcasts, Audiobooks, Calendar, and Settings.

XTRONS®

1920x720
HD Screen



Octa Core | 8GB RAM | 128GB ROM | 10.25"



Full Laminated
Screen

GPS



BDS



GLONASS



Image: The XTRONS QAM1250 unit displaying the Android Auto interface, featuring a split-screen view with navigation on one side and app icons like Google, Calendar, Gamesnacks, Maps, News, Phone, Podcasts, Reminder, Settings, SMS, Weather, and Customize on the other.

5.5 Multimedia Playback

- **USB:** Connect a USB drive (up to 128GB) to the designated USB port to play audio and video files.
- **Streaming:** Use Wi-Fi or 4G to stream music and videos from online services.
- **File Manager:** Browse and manage files stored on the internal memory or connected USB devices.



Image: The XTRONS QAM1250 unit displaying icons for Music, File Manager, and Browser, highlighting its multimedia and file management capabilities.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your XTRONS QAM1250 car stereo.

- **Screen Cleaning:** Use a soft, lint-free cloth specifically designed for electronics to clean the touchscreen. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check for and install software updates to ensure the system runs efficiently and has the latest features and security patches.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Cable Connections:** Ensure all cables are securely connected and not pinched or damaged.

7. TROUBLESHOOTING

If you encounter issues with your XTRONS QAM1250, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cables and fuse. Ensure vehicle battery is charged. Consult a professional if necessary.

Problem	Possible Cause	Solution
No sound.	Volume too low, mute activated, incorrect audio source, speaker wiring issue.	Increase volume, check mute status, select correct audio source. Verify speaker connections.
GPS signal lost or inaccurate.	GPS antenna improperly installed or obstructed.	Ensure GPS antenna is securely connected and has a clear view of the sky.
Bluetooth pairing issues.	Bluetooth not enabled, incorrect pairing process, interference.	Ensure Bluetooth is enabled on both devices. Restart both devices and try pairing again. Clear previous pairings.
Touchscreen unresponsive.	Software glitch, screen damage.	Restart the unit. If the problem persists, contact customer support.

If these steps do not resolve the issue, please contact XTRONS customer support or a qualified service technician.

8. SPECIFICATIONS

Feature	Detail
Brand	XTRONS
Model	QAM1250
Operating System	Android 12
Processor	Octa-Core
RAM	8GB
ROM	128GB
Screen Size	10.25 Inches
Screen Resolution	1920x720 (HD IPS)
Connectivity Technology	Wi-Fi, Bluetooth 5.0, 4G (with SIM reader), USB
Human Interface Input	Touchscreen
Special Features	Android Auto, Apple CarPlay, GPS Navigation, Screen Mirroring, Split Screen, Steering Wheel Control Support, Original Rear Camera Support, Fiber Optic Amplifier Compatibility
Batteries Included	No
First Available Date	February 6, 2024

XTRONS®**1920x720**
HD Screen**Octa Core** | **8GB** RAM | **128GB** ROM | **10.25"**Full Laminated
ScreenGPS ☒BDS ☒GLONASS ☒

129mm

283mm



Image: A diagram showing the dimensions of the XTRONS QAM1250 unit, with a length of 283mm and a height of 129mm.

9. PACKAGE CONTENTS

The XTRONS QAM1250 package typically includes the following items:

- XTRONS QAM1250 Head Unit
- Power Harness
- GPS Antenna
- 4G Antenna
- USB Cables
- User Manual
- Installation Accessories (e.g., SIM card tray ejector tool)

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For further assistance, please visit the official XTRONS website or contact customer support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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