

## XTRONS QBBH14NB12X1N

# XTRONS QBBH14NB12X1N Car Stereo GPS System

User Manual for BMW X1 F48 NBT (2016-2017)

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS QBBH14NB12X1N Car Stereo GPS System. This unit is specifically designed for BMW X1 F48 models from 2016-2017 with an NBT system. Please read this manual thoroughly before installation and use to ensure proper function and to prevent damage.

## PACKAGE CONTENTS

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Verify that all items listed below are present in your package. If any items are missing or damaged, please contact your seller.

- XTRONS QBBH14NB12X1N Car Stereo Unit
- Wiring Harness
- GPS Antenna
- USB Cables
- External Microphone
- iDrive Controller Cable
- User Manual (this document)
- Installation Guide



Figure 1: Included components of the XTRONS QBBH14NB12X1N package.

## SPECIFICATIONS

<b>Model Number</b>	QBBH14NB12X1N
<b>Operating System</b>	Android 14
<b>Processor</b>	Qualcomm Snapdragon Octa-Core (11nm Process)
<b>RAM</b>	8GB DDR4
<b>ROM</b>	128GB
<b>Screen Size</b>	10.25 inches
<b>Display Type</b>	HD IPS Screen (1920x720)
<b>Connectivity</b>	Wi-Fi (Dual), 4G (Integrated SIM Slot), Bluetooth 5.1, USB
<b>Special Features</b>	Apple CarPlay (Integrated), Android Auto (Integrated), GPS Navigation, Screen Mirroring, iDrive Control Support, Steering Wheel Control Support, 4K Video Support, Harman Kardon Compatibility
<b>Output Power</b>	180 Watts
<b>Compatible Vehicles</b>	BMW X1 F48 (2016-2017) with NBT System (AUX input required)



Figure 2: Overview of the XTRONS QBBH14NB12X1N's core specifications and features.



Figure 3: Physical dimensions of the XTRONS QBBH14NB12X1N head unit.

## SETUP AND INSTALLATION

Installation of this car stereo system requires technical expertise. It is highly recommended to have the unit installed by a qualified professional to ensure correct wiring and functionality, and to avoid damage to your vehicle or the product.

### Pre-Installation Checklist:

- Ensure your BMW X1 F48 is a 2016-2017 model with an NBT system.
- Verify that your vehicle has an operational AUX input, as it is required for audio integration.
- Gather all necessary tools for vehicle panel removal and wiring.
- Disconnect the vehicle's battery before starting any electrical work.

### Wiring and Connections:

Refer to the included wiring harness diagram and installation guide for specific connection points. The main wiring harness connects the new unit to the vehicle's existing electrical system. Ensure all connections are secure to prevent intermittent issues.



Figure 4: Main wiring harness for connecting the unit to the vehicle.

### Post-Installation:

- Reconnect the vehicle's battery.
- Power on the unit and perform initial setup as prompted on the screen.
- Test all functions, including audio, GPS, Bluetooth, Wi-Fi, and steering wheel controls.

## OPERATING INSTRUCTIONS

The XTRONS QBBH14NB12X1N operates on an Android 14 system, offering a user-friendly interface. Most functions are controlled via the touch screen. Your original iDrive controller and steering wheel controls are also supported.

### Basic Navigation:

- **Home Screen:** Access main applications and widgets.
- **Settings:** Configure system preferences, network settings, display, and audio.
- **App Drawer:** View all installed applications.



Figure 5: Main menu interface of the XTRONS QBBH14NB12X1N.

### GPS Navigation:

The unit comes with integrated GPS functionality. You can use pre-installed navigation apps or download others from the Google Play Store. Ensure the GPS antenna is properly installed for optimal signal reception.



Figure 6: GPS navigation in action on the display.

### Apple CarPlay & Android Auto:

The system supports both Apple CarPlay and Android Auto, allowing seamless integration with your smartphone. These features can be accessed wirelessly via Bluetooth or wired via USB, depending on your device and preference.

- **Apple CarPlay:** Connect your iPhone to access navigation, music, messages, and more directly on the car's display.
- **Android Auto:** Connect your Android phone for similar functionalities, including Google Maps, Spotify, and voice commands.



Figure 7: Apple CarPlay and Android Auto interfaces.

### Connectivity (Wi-Fi, 4G, Bluetooth):

- **Wi-Fi:** Connect to a Wi-Fi hotspot for internet access, app downloads, and online services.
- **4G:** Insert a 4G SIM card into the integrated slot for independent internet connectivity.
- **Bluetooth 5.1:** Pair your smartphone for hands-free calling, audio streaming, and other Bluetooth-enabled features.

### Vehicle Integration:

The unit is designed to integrate seamlessly with your BMW X1 F48. It retains original vehicle information, radio, and CD functions. Your existing iDrive controller and steering wheel controls will continue to function with the new system.



Figure 8: XTRONS QBBH14NB12X1N integrated into a BMW X1 F48 dashboard.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the screen and unit exterior. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for system updates via the settings menu to ensure optimal performance and access to new features.
- **Data Backup:** Regularly back up important data stored on the unit to prevent loss.

## TROUBLESHOOTING

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If you encounter issues with your XTRONS QBBH14NB12X1N, refer to the following common problems and solutions:

- **No Power:**
  - Check all power connections and fuses.
  - Ensure the vehicle's battery is properly connected and charged.
- **No Sound:**
  - Verify that the vehicle's AUX input is selected and functioning.
  - Check speaker connections.
  - Ensure volume is not muted or set too low.
- **GPS Signal Loss:**

- Ensure the GPS antenna is securely connected and has a clear view of the sky.
- Move the vehicle to an open area away from tall buildings or dense foliage.
- **CarPlay/Android Auto Not Connecting:**
  - Ensure Bluetooth is enabled on your phone and the unit.
  - For wired connections, try a different USB cable.
  - Restart both your phone and the car stereo unit.
- **Unit Freezes/Unresponsive:**
  - Perform a soft reset by pressing and holding the power button (if available) or by temporarily disconnecting the vehicle's battery.
  - Ensure the system software is up to date.

If the problem persists after attempting these solutions, please contact XTRONS customer support or your authorized dealer for further assistance.

## WARRANTY AND SUPPORT

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### Product Warranty:

The XTRONS QBBH14NB12X1N Car Stereo GPS System comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications. Please retain your proof of purchase for warranty claims.

### Customer Support:

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your original point of purchase or visit the official XTRONS website for support resources and contact information.

When contacting support, please have your product model number (QBBH14NB12X1N) and purchase details readily available.