

XTRONS IXP12GFVL

XTRONS IXP12GFVL Car Stereo User Manual

Model: IXP12GFVL

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INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XTRONS IXP12GFVL car stereo system. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.



Figure 1: XTRONS IXP12GFVL car stereo unit with a 10.1-inch display, showing navigation and music playback, integrated into a Volkswagen Golf 7 dashboard.

SETUP AND INSTALLATION

The XTRONS IXP12GFVL is designed for specific integration into Volkswagen Golf 7 vehicles. Professional installation is recommended due to the complexity of vehicle electronics and wiring.

Package Contents:

- XTRONS IXP12GFVL Head Unit
- Power Harness (specific for VW Golf 7)
- GPS Antenna
- USB Cables
- External Microphone
- User Manual (this document)
- Other necessary accessories (e.g., mounting brackets, trim tools)

Pre-Installation Checklist:

1. Ensure the vehicle's ignition is off and the battery is disconnected.
2. Verify all package contents against the packing list.
3. Confirm compatibility with your specific Volkswagen Golf 7 model and year.

Installation Steps (Overview):

1. **Remove Factory Head Unit:** Carefully remove the existing car stereo and trim panels from your Volkswagen Golf 7 dashboard. Refer to your vehicle's service manual for specific instructions.
2. **Connect Wiring Harness:** Connect the provided power harness to the vehicle's wiring. Ensure all connections are secure. The unit supports Dual Canbus for vehicle information integration.
3. **Connect Antennas:** Attach the GPS antenna and Wi-Fi/4G antennas (if applicable) to the corresponding ports on the XTRONS unit. Position the GPS antenna in a location with a clear view of the sky.
4. **Connect USB and Other Cables:** Connect any external USB devices, cameras, or other accessories as required.
5. **Mount the Unit:** Securely mount the XTRONS IXP12GFVL head unit into the dashboard opening. Ensure proper fitment and alignment.
6. **Test Functionality:** Reconnect the vehicle battery. Turn on the ignition and test basic functions such as power, audio, touch screen, and steering wheel controls.
7. **Reassemble Dashboard:** Once all functions are verified, reassemble the dashboard trim panels.



Figure 2: Visual comparison of the dashboard before and after installation of the XTRONS IXP12GFVL unit in a Volkswagen Golf 7.



Figure 3: Dimensional diagram of the XTRONS IXP12GFVL unit, indicating measurements for installation.

OPERATING INSTRUCTIONS

The XTRONS IXP12GFVL operates on Android 12, providing a familiar and intuitive user interface. The 10.1-inch QLED touchscreen allows for easy navigation through menus and applications.

Basic Operations:

- **Power On/Off:** Press and hold the power button (if available) or turn the vehicle ignition on/off.
- **Volume Control:** Adjust volume using the on-screen controls or vehicle's steering wheel controls.
- **Home Screen:** Tap the home icon to return to the main application launcher.
- **Navigation:** Access the pre-installed GPS navigation application or download your preferred navigation app from the Google Play Store.
- **Radio:** Select the Radio application to tune into FM/AM stations.



Figure 4: Main application launcher screen of the XTRONS IXP12GFVL, showing various available functions and apps.

Connectivity:

- **Bluetooth 5.0:** Pair your smartphone for hands-free calling and audio streaming.
 - a. Go to Settings > Bluetooth.
 - b. Enable Bluetooth on your phone and the head unit.
 - c. Select your phone from the list of available devices to pair.
- **Wi-Fi:** Connect to a Wi-Fi hotspot for internet access, app downloads, and online services. The unit supports Dual Band Wi-Fi.
 - a. Go to Settings > Network & Internet > Wi-Fi.
 - b. Select your desired network and enter the password.
- **4G Connectivity:** Insert a 4G SIM card into the designated slot for direct internet access.
- **USB:** Connect USB drives for media playback or data transfer.

Smart Integration (Apple CarPlay / Android Auto):

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

- **Apple CarPlay:** Connect your iPhone via USB or wirelessly (if supported by your phone and unit) to access navigation, music, messages, and more directly on the car stereo screen.
- **Android Auto:** Connect your Android phone via USB or wirelessly (if supported by your phone and unit) to use Google Maps, play music, send messages, and make calls.



Figure 5: Apple CarPlay interface shown on the XTRONS IXP12GFVL display.



Figure 6: Android Auto interface shown on the XTRONS IXP12GFVL display.

GPS Navigation:

The unit includes a GPS navigator with support for GPS, BDS, and GLONASS satellite systems for accurate positioning. Pre-installed navigation software is available, and users can download additional navigation applications.



Figure 7: GPS navigation display on the XTRONS IXP12GFVL unit, showing a map and route information.

Audio Settings (DSP Equalizer):

Utilize the integrated DSP (Digital Signal Processor) equalizer to customize audio output. Access the DSP settings through the audio or sound settings menu to adjust frequency bands, balance, fader, and other sound characteristics for an optimized listening experience.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your XTRONS IXP12GFVL car stereo.

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner specifically designed for electronic displays. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates via the unit's settings menu or the official XTRONS website. Keeping the software updated can improve performance and add new features.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and ports.
- **Avoid Extreme Temperatures:** Do not expose the unit to extreme heat or cold for extended periods, as this can affect performance and lifespan.

TROUBLESHOOTING

This section addresses common issues you might encounter with your XTRONS IXP12GFVL unit.

Problem	Possible Cause	Solution
Unit does not power on.	<ul style="list-style-type: none">Loose power connection.Blown fuse in vehicle or unit.Vehicle battery disconnected.	<ul style="list-style-type: none">Check all power cables and connections.Inspect and replace any blown fuses.Ensure vehicle battery is properly connected.
No sound output.	<ul style="list-style-type: none">Volume too low or muted.Speaker wires disconnected.Incorrect audio source selected.	<ul style="list-style-type: none">Increase volume and check mute status.Verify speaker wire connections.Select the correct audio input source.
GPS signal is weak or unavailable.	<ul style="list-style-type: none">GPS antenna improperly placed or disconnected.Obstruction blocking satellite signals.	<ul style="list-style-type: none">Ensure GPS antenna is securely connected and placed with a clear view of the sky.Move to an open area away from tall buildings or dense foliage.
Touchscreen unresponsive.	<ul style="list-style-type: none">Software glitch.Screen calibration issue.	<ul style="list-style-type: none">Restart the unit (turn vehicle off and on).Perform a factory reset (refer to settings menu, use with caution as it deletes data).
Apple CarPlay/Android Auto not connecting.	<ul style="list-style-type: none">Incorrect USB cable or port.Phone software issues.App permissions not granted.	<ul style="list-style-type: none">Use a high-quality USB data cable.Ensure your phone's software is updated.Check app permissions on your phone for CarPlay/Android Auto.Try restarting both the phone and the head unit.

If the problem persists after attempting these solutions, please contact XTRONS customer support.

SPECIFICATIONS

Feature	Detail
Model Name	IXP12GFVL
Operating System	Android 12
CPU	8-Core Processor (Cortex A75 x 2, Cortex A55 x 6)
RAM	8 GB DDR4
ROM	128 GB SSD
Screen Size	10.1 Inches

Feature	Detail
Screen Type	HD QLED
Resolution	1280 x 720
Connectivity	Bluetooth 5.0, USB, Dual Band Wi-Fi, 4G (with SIM card support)
Navigation	GPS, BDS, GLONASS support
Smartphone Integration	Integrated Apple CarPlay, Integrated Android Auto
Audio Features	DSP Equalizer, Digital Audio Output Mode
Vehicle Integration	Dual Canbus (for board info, steering wheel controls)
Mounting Type	Dashboard Mount (specific for VW Golf 7)













WARRANTY INFORMATION

Specific warranty details for the XTRONS IXP12GFVL are typically provided at the point of purchase or included with the product packaging. Please refer to your purchase receipt or the warranty card for information regarding warranty duration, coverage, and claims process. Keep your proof of purchase in a safe place. For warranty service, you may be required to provide the product model number (IXP12GFVL) and proof of purchase.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or inquiries regarding your XTRONS IXP12GFVL car stereo, please contact XTRONS customer support. You can typically find contact information (website, email, phone number) on the official XTRONS website or in the product packaging. When contacting support, please have the following information ready:

- Product Model: **IXP12GFVL**
- Description of the issue
- Steps already taken to resolve the issue
- Date and place of purchase

  GEBRAUCHSANWEISUNG <small>Bitte lesen Sie sich die Bedienungsanleitung für Ihr XTRONS Autoradio sorgfältig durch. Wenn Sie diese Bedienungsanleitung sorgfältig lesen, können Sie vermeiden, dass Sie Probleme verursachen, die durch falsche Handhabung des Produkts entstehen könnten. Bitte lesen Sie die Bedienungsanleitung sorgfältig durch.</small>	<p>XTRONS Autoradio Bedienungsanleitung: Installation und Nutzung</p> <p>Umfassende Bedienungsanleitung für XTRONS Autoradiosysteme mit Android-Betriebssystem. Erfahren Sie mehr über Installation, Funktionen wie Navigation, Bluetooth, Medienwiedergabe und Fehlerbehebung.</p>
  USER MANUAL	<p>XTRONS User Manual for Automotive Infotainment System</p> <p>Comprehensive user manual for the XTRONS automotive infotainment system, covering installation, features like Bluetooth, Navigation, Media playback, settings, and troubleshooting.</p>
  USER MANUAL	<p>XTRONS Android Car Stereo User Manual</p> <p>Comprehensive user manual for XTRONS Android car stereos, covering installation precautions, features like Bluetooth, navigation, media playback, settings, and troubleshooting.</p>
  USER MANUAL	<p>XTRONS Android Car Stereo User Manual</p> <p>Comprehensive user manual for XTRONS Android car stereos, detailing features like main menu navigation, radio, USB/SD, Bluetooth, screen mirroring, navigation, internet connectivity, optional accessories (OBD2, DVR, DAB+, TPMS), system settings, and troubleshooting.</p>
  安卓TQS113/DQS112L Android 11 用户手册	<p>XTRONS TQS113/DQS112L Android 11 User Manual</p> <p>Comprehensive user manual for the XTRONS TQS113 and DQS112L Android 11 car infotainment systems, covering installation, setup, features, and troubleshooting.</p>
  TXシリーズ日本語取扱説明書 型番: DX120L/TX121L	<p>XTRONS TX Series Japanese User Manual for DX120L/TX121L</p> <p>This user manual provides detailed instructions for the XTRONS TX Series car infotainment system, including setup, operation, and troubleshooting for models DX120L and TX121L. It covers features such as radio, USB/SD playback, Bluetooth connectivity, Carplay/Android Auto, mirroring, navigation, and various settings.</p>