

BXLIYER SXAUTO-552G-D05-6128-BX

BXLIYER Android 12 IPS Car Radio User Manual

Model: SXAUTO-552G-D05-6128-BX | For Volkswagen Golf 7 (2013-2018)

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in damage to the product, vehicle, or personal injury. Keep this manual for future reference.

- Ensure the vehicle's ignition is off and the battery is disconnected before installation to prevent electrical shorts.
- Consult a professional for installation if you are unsure about any steps.
- Do not operate the device in a manner that distracts you from driving. Always prioritize road safety.
- Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

2. PRODUCT OVERVIEW

The BXLIYER Android 12 IPS Car Radio is an advanced multimedia system designed to enhance your driving experience in Volkswagen Golf 7 models from 2013 to 2018. It features a high-definition IPS touchscreen, powerful Octa-Core processor, ample memory, and a wide range of connectivity options.

Key Features:

- **Operating System:** Android 12
- **Processor:** Rockchip AC8257 A53 Octa-Core (64-bit, 2.0 GHz)
- **Memory:** 6GB LPDDR4 RAM + 128GB SSD ROM
- **Display:** IPS Screen, 1280*600 HD resolution
- **Audio Output:** Max 4x50W, built-in DSP with 64-band equalization
- **Connectivity:** Bluetooth 5.0, WiFi, 4G support (via optional dongle)
- **Smartphone Integration:** Wireless/Wired Apple CarPlay and Android Auto, MirrorLink
- **Camera Support:** Rear camera input (free LED rear camera included), 360 panoramic parking function (requires optional AHD cameras)

- **Radio:** AM/FM tuner with RDS, DAB+ support (requires optional adapter)
- **Additional Features:** Fast Boot (system access in less than 2 seconds), Steering Wheel Control, Split Screen Mode, 4K video playback, OBD2 support (requires optional adapter).

For Volkswagen Golf 7 2013-2018



Image: The BXLIYER car radio seamlessly integrated into a Volkswagen Golf 7 dashboard, displaying its user interface with navigation and media options.

BT AC8257 Series

The infographic for the BT AC8257 Series features a grid of nine blue-to-purple gradient boxes. The top row includes: 1) Android 15 with an Android robot icon; 2) Fast-boot with a rocket icon; 3) Support for 4G/WIFI with a 4G icon and signal waves. The middle row includes: 4) 6GB LPDDR4 RAM with a RAM chip icon; 5) OCTA CORE with Cortex A75 1.8GHz x 2 and Cortex A55 1.8GHz x 6; 6) IPS Screen with Support 1280*600 HD and an IPS icon. The bottom row includes: 7) 128GB SSD ROM with a storage chip icon; 8) Support for AHD & 360 Camera with a camera icon; 9) ROHM DSP with a DSP icon. Below the grid, two sections are highlighted: 'Built-in wired/wireless' with CarPlay and Android Auto icons, and 'Automotive grade hardware' with TDA7388 Amplifier, Latest Bluetooth 5.0, and 100% Aluminum Heat Sink icons.

Android 15

Fast-boot

Support
4G/WIFI

6GB
LPDDR4 RAM

OCTA CORE
Cortex A75 1.8GHz x 2
Cortex A55 1.8GHz x 6

IPS Screen
Support 1280*600 HD

128GB
SSD ROM

Support
AHD & 360 Camera

DSP
ROHM DSP

Built-in wired/wireless

Automotive grade hardware

CarPlay

Android Auto

TDA7388 Amplifier

Latest Bluetooth 5.0

100% Aluminum Heat Sink

Image: An infographic highlighting the core specifications including Android 12, Octa-Core CPU, 6GB RAM, 128GB ROM, IPS screen, and support for CarPlay, Android Auto, and DSP.

3. PACKAGE CONTENTS

Verify that all components listed below are included in your package:

- Main Head Unit (Car Radio)
- Power Socket Cable
- RCA Output Socket Cables
- GPS Antenna

- Double USB Cable
- USB Cable
- Owner's Manual (Instructions)
- Radio Antenna Adapter
- LED Rear Camera
- External Microphone
- CANBUS Decoder (if applicable for your vehicle model)

Autoradio

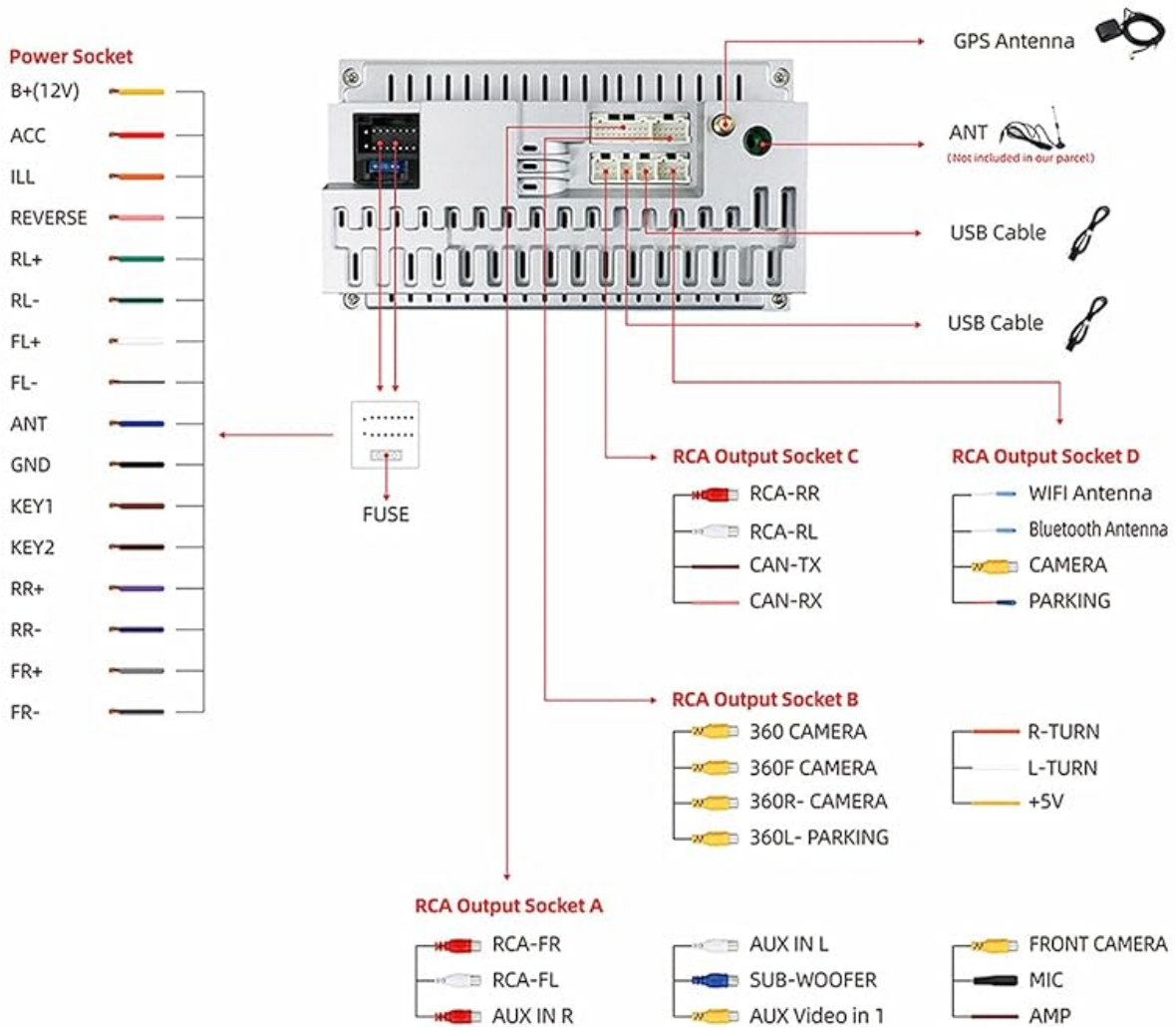


Frame



+

Installation Tips



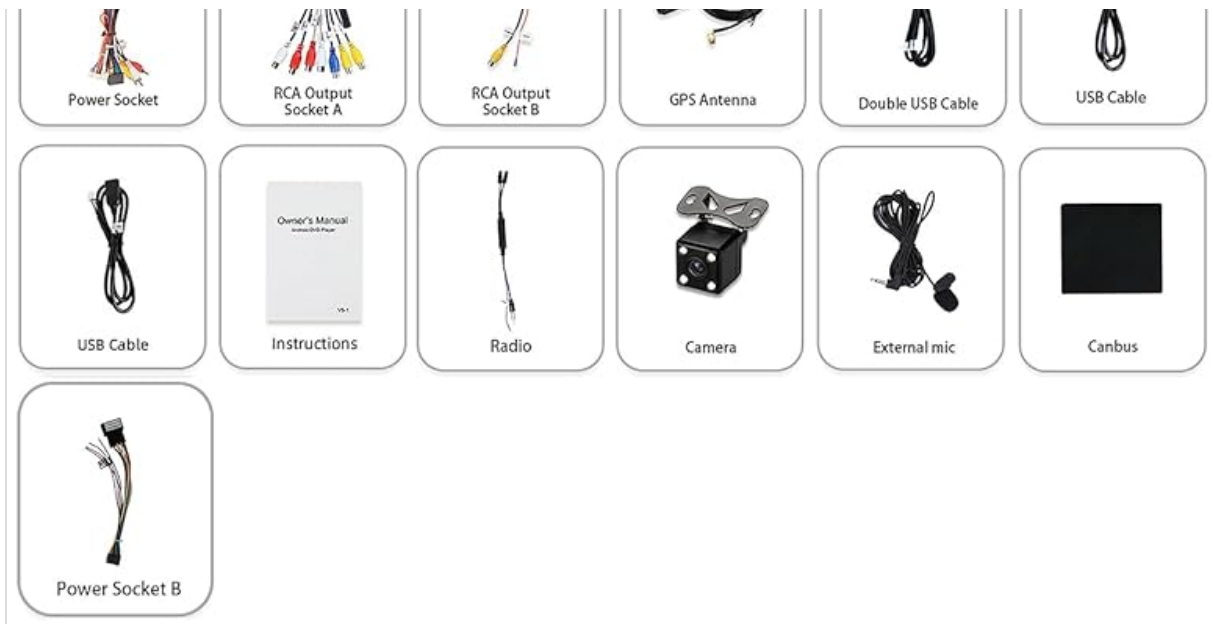


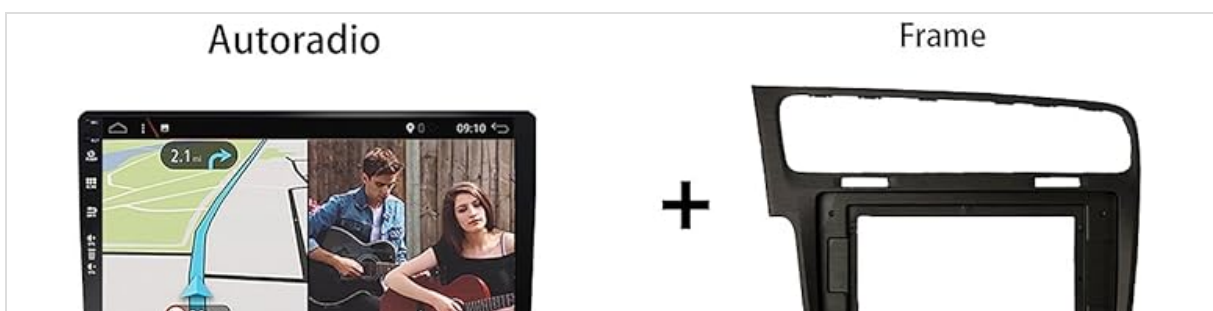
Image: A visual representation of the main unit's rear connections and all accessories included in the package, such as cables, antennas, and the external microphone.

4. SETUP & INSTALLATION

This section provides general guidelines for installing your car radio. Specific vehicle wiring may vary. It is recommended to consult your vehicle's service manual or a professional installer.

Installation Steps:

1. **Preparation:** Disconnect the negative terminal of your vehicle's battery. Remove the factory radio from the dashboard.
2. **Wiring Harness Connection:** Connect the provided power socket cable to the car radio. Match the wires according to the wiring diagram (refer to image PT04). Ensure proper connections for B+(12V), ACC, GND, ILL, and speaker outputs.
3. **CANBUS Connection:** If your vehicle requires a CANBUS decoder for steering wheel controls or other vehicle data, connect it as per the diagram.
4. **Antenna Connections:** Connect the GPS antenna and the radio antenna adapter. Position the GPS antenna in a location with a clear view of the sky.
5. **USB & External Mic:** Connect the USB cables for media playback and smartphone integration. Plug in the external microphone for improved call quality.
6. **Camera Connections:** Connect the included LED rear camera to the 'REVERSE' input. If using optional 360 cameras, connect them to the designated 360 camera inputs.
7. **Test Functionality:** Before fully reassembling the dashboard, reconnect the battery and briefly test the unit's basic functions (power on, radio, sound, camera).
8. **Secure Installation:** Carefully mount the car radio into the dashboard opening and secure it. Reassemble any removed trim panels.

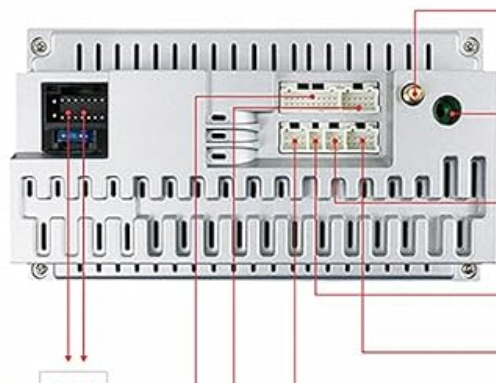




Installation Tips

Power Socket

- B+(12V)
- ACC
- ILL
- REVERSE
- RL+
- RL-
- FL+
- FL-
- ANT
- GND
- KEY1
- KEY2
- RR+
- RR-
- FR+
- FR-



GPS Antenna



ANT
(Not included in our parcel)



USB Cable



USB Cable



RCA Output Socket C

- RCA-RR
- RCA-RL
- CAN-TX
- CAN-RX

RCA Output Socket D

- WIFI Antenna
- Bluetooth Antenna
- CAMERA
- PARKING

RCA Output Socket B

- 360 CAMERA
- 360F CAMERA
- 360R- CAMERA
- 360L- PARKING

- R-TURN
- L-TURN
- +5V

RCA Output Socket A

- RCA-FR
- RCA-FL
- AUX IN R

- AUX IN L
- SUB-WOOFER
- AUX Video in 1

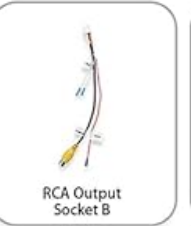
- FRONT CAMERA
- MIC
- AMP



Power Socket



RCA Output Socket A



RCA Output Socket B



GPS Antenna



Double USB Cable



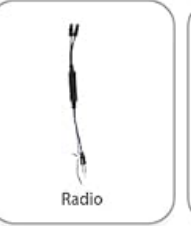
USB Cable



USB Cable



Owner's Manual
Instructions



Radio



Camera



External mic



Canbus



Power Socket B

Image: The comprehensive wiring diagram illustrating all input and output connections, crucial for correct installation.

5. OPERATING INSTRUCTIONS

This section guides you through the various functions and features of your BXLIER car radio.

System Basics:


- **Fast Boot:** The system is designed for quick startup, allowing access in less than 2 seconds after the initial boot.
- **Touchscreen Interface:** Navigate through menus and applications using the responsive IPS touchscreen.





AHD Camera


Need to buy 4pcs AHD cameras to support this function. The camera included in package is not AHD camera.


Optional
ASIN: B0B58CG2Y5



Super Night Vision



360 degrees



High definition




Car model optional


Split screen display


Loop Recording


Four-direction record



Super 3D display

Image: Visuals showing the fast boot functionality, how MirrorLink connects a phone, the split-screen feature, and the integration with steering wheel controls.

Connectivity:

- **Bluetooth 5.0:** Pair your smartphone for hands-free calling and audio streaming. Access your phonebook and call history directly from the unit.
- **WiFi/4G:** Connect to a WiFi hotspot or use an optional 4G dongle (ASIN: B0956QXKXF) for internet access, online navigation, and app downloads.



Support DAB+(optional)

With the DAB+ antenna receiver, you can enjoy more of your favorite digital audio broadcast channels with superior CD-like sound quality.



DAB+ receiver
Built-in RDS, support DAB+
Optional ASIN: B092D31BVX

 Search

 Signal

 USB





Support 4G Internet / WIFI

Built-in WiFi modem, and come with wifi antenna for better signal reception, you can also access the internet with the external 3G/4G Dongle.





3G/4G dongle
Connect the dongle to the Internet

Optional ASIN: B0C658QD9GF

4G
network

WiFi
signal

USB





Rear Camera & Front Camera Input

Make your driving and reverse much safer (FREE LED Rear Camera)



Rear Camera

Solve the trouble of obstructed vision at night.

GIFT



Wide-Angle



Waterproof



Small Size





Bluetooth 5.0

Built-in Bluetooth module, support Bluetooth phone/ hands-free calls / Music playing



External Mic

The communication is very clear

GIFT



It sounds loud



Noise reduction



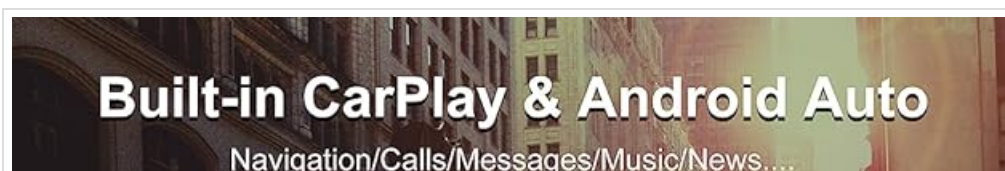
Plug and play



Image: Demonstrations of various connectivity options including DAB+ radio, 4G/WiFi internet access, rear camera view, Bluetooth interface, and the external microphone.

Smartphone Integration:

- **Apple CarPlay & Android Auto:** Connect your iPhone or Android smartphone wirelessly or via USB to access navigation, make calls, send messages, and play music through the car radio's interface.
- **MirrorLink:** Mirror your smartphone's screen directly onto the car radio display for compatible Android and iPhone devices.





Built-in DSP

64-bit double precision mode

- *64-Band Equalization*
- *Surround Sound Setting*
- *Bass Boost Setting*
- *Subwoofer Adjustment*



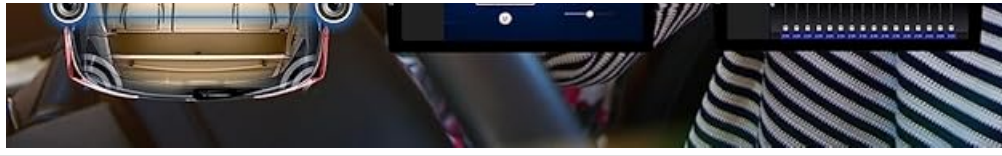


Image: A visual guide to using built-in CarPlay and Android Auto for navigation, calls, and music, alongside an explanation of the DSP's sound customization options.

Audio Features:

- **DSP (Digital Sound Processor):** Utilize the 64-bit dual precision DSP chip for advanced audio customization, including 64-band equalization, surround sound settings, bass boost, and subwoofer adjustments.
- **Radio:** Enjoy AM/FM radio with RDS (Radio Data System) for station information. For enhanced digital radio quality, connect an optional DAB+ adapter (ASIN: B092D31BVX).

Navigation:

The unit supports both online and offline GPS navigation. Download your preferred navigation apps from the Google Play Store.

Camera Functions:

- **Rear Camera:** The included LED rear camera automatically displays the rear view when the vehicle is shifted into reverse gear.
- **360 Panoramic Parking Function:** For a comprehensive view of your surroundings, this unit supports an optional 360-degree panoramic camera system (requires purchasing 4 AHD cameras separately, e.g., ASIN: B0B58CG2Y5).





Image: A visual explanation of the 360-degree panoramic parking system, showing how it provides a clear view around the car, and information on compatible AHD cameras.

Other Features:

- **Steering Wheel Control:** Connect the unit to your vehicle's steering wheel controls for convenient operation of volume, track changes, and calls.
- **Split Screen Mode:** Run two applications simultaneously on the screen, such as navigation and music playback.
- **4K Video Playback:** Supports high-resolution video playback (up to 3840 x 2160 pixels).
- **USB/MicroSD:** Expand storage and media playback options with USB drives or MicroSD cards up to 5000GB.
- **OBD2 Support:** With an optional OBD2 Bluetooth unit and a compatible app (e.g., Torque from Play Store), you can retrieve vehicle diagnostic information and real-time data.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your car radio.

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner designed for electronics. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for available software updates to ensure you have the latest features and bug fixes. Updates can usually be performed via WiFi connection.
- **Environmental Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for extended periods, or excessive dust and moisture.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse, vehicle battery issue.	Check power cables (B+, ACC, GND). Inspect vehicle fuses. Ensure battery is charged.
No sound	Volume too low, mute activated, speaker wiring issue, incorrect audio output settings.	Increase volume. Check if mute is on. Verify speaker connections. Adjust audio settings in DSP.
GPS not working / inaccurate	GPS antenna not connected or poorly positioned, outdated maps, no internet connection for online maps.	Ensure GPS antenna is securely connected and has a clear view of the sky. Update maps. Connect to WiFi/4G for online navigation.
Bluetooth connection issues	Device not in pairing mode, incorrect pairing code, interference.	Ensure both devices are in pairing mode. Re-enter pairing code. Move closer to the unit. Restart Bluetooth on both devices.
Rear camera not displaying	Camera not connected, reverse trigger wire not connected, faulty camera.	Check camera and reverse trigger wire connections. Test camera functionality.

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

8. SPECIFICATIONS

Feature	Specification
Model Number	SXAUTO-552G-D05-6128-BX
Operating System	Android 12
CPU	Rockchip AC8257 A53 Octa-Core, 64-bit, 2.0 GHz
RAM	6GB LPDDR4
ROM	128GB SSD

Feature	Specification
Output Power	Max 4x50W
Screen Type	IPS
Screen Resolution	1280*600 HD
Radio IC	TDA7786 (AM/FM Tuner with RDS)
Amplifier IC	TDA7388
Bluetooth Version	5.0
Connectivity	Bluetooth, WiFi, 4G (optional dongle), USB Type-A
Special Features	DAB+ support (optional), OBD2 support (optional), CarPlay, Android Auto, DSP, MirrorLink, Fast Boot, 360 Camera support
Compatible Vehicles	Volkswagen Golf 7 (2013-2018)
Package Dimensions	28 x 25 x 18 cm
Package Weight	2.3 kg

9. WARRANTY AND SUPPORT

Your BXLIYER car radio comes with a standard manufacturer's warranty. Please refer to your purchase documentation for specific warranty terms and conditions.

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact our support team:

- **Email:** [SXAUTO_TECHSUPPORT@163.com](mailto: SXAUTO_TECHSUPPORT@163.com)

When contacting support, please provide your product model number (SXAUTO-552G-D05-6128-BX) and a detailed description of the issue.