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› VECHELT B0FKB725SW Android 15 Autoradio User Manual

VECHTEL B0FKB725SW

VECHTEL 8 CORE 4G+64G Android 15 Autoradio User Manual

Model: B0FKB725SW

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your VECHELT 8 CORE 4G+64G Android 15 Autoradio. Please read this manual thoroughly before using the product to ensure proper function and safety. This 1 Din car stereo features a 7-inch HD manual foldable touchscreen, wireless CarPlay, Android Auto, Bluetooth, GPS, DSP, 4G/Wi-Fi connectivity, and AM/FM/RDS radio.

1. SETUP AND INSTALLATION

1.1 Package Contents

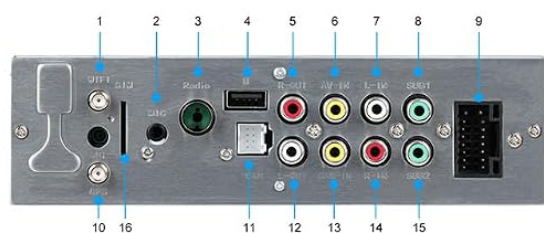
Verify that all items are present in the package:

- 1 x Autoradio Unit
- 1 x Power Cable
- 2 x Mounting Brackets
- 1 x GPS Antenna
- 1 x User Manual
- 1 x External Microphone
- 1 x Rear View Camera
- 1 x Antenna Head
- 1 x 4G Module

1.2 Installation Dimensions

The standard installation dimensions for this unit are approximately 188 mm (L) x 203 mm (W) x 57 mm (H) / 7.40 inches (L) x 7.99 inches (W) x 2.24 inches (H). Ensure your car's installation space matches these dimensions.

Size & Package List



- | | |
|-------------------------|---------------------------------|
| 1. Wi-Fi Antenna | 10. GPS Antenna |
| 2. MIC jack | 11. Protocol box slot |
| 3. Radio Antenna | (only available on some models) |
| 4. USB slot | 12. Left channel output |
| 5. Right channel output | 13. Reversing camera input |
| 6. Video input | 14. Right channel input |
| 7. Left channel input | 15. Subwoofer output-2 |
| 8. Subwoofer output-1 | 16. SIM Card Slot |
| 9. Power cord socket | |



Power Cable



MIC



User Manual



AHD
Rear Camera



Antenna Head



GPS Antenna



4G Module



Mounting Bracket

Image: This image provides the physical dimensions of the head unit and a detailed diagram of the rear ports. It also lists and pictures the included accessories: Power Cable, MIC, User Manual, AHD Rear Camera, Antenna Head, GPS Antenna, 4G Module, Mounting Bracket.

1.3 Wiring and Interface Description

Refer to the diagram below for connecting the power cable, antennas, and other accessories. The rear panel includes connections for Wi-Fi antenna, MIC jack, radio antenna, USB slots, video output, GPS antenna, subwoofer output, power cord socket, reversing camera input, left/right channel output, and a SIM card slot.

Manual Foldable Screen & Interface Description



Image: This image displays the head unit with its manually foldable screen and labels the front panel buttons and ports (Power, Mode, MIC, AUX, USB Slot, RST). It also shows the screen folding mechanism.

2. OPERATING INSTRUCTIONS

2.1 Screen Operation

The 7-inch HD touchscreen is manually foldable. You can adjust its angle or fold it away for optimal viewing and storage. The capacitive touch screen supports multi-touch gestures for intuitive control.

HD Screen



Screen



1024*600P

Image: This image focuses on the 7-inch HD screen with 1024*600P resolution, showcasing its high-quality display.

2.2 Android 15 System

The unit runs on Android 15.0, powered by an 8-core processor with 4GB RAM and 64GB ROM. This configuration allows for smooth operation of various applications and a responsive user interface.

2.3 Wireless CarPlay and Android Auto

Connect your smartphone wirelessly to access CarPlay or Android Auto. This feature allows seamless integration of

phone functions like navigation, music, calls, and messages directly on the car stereo's screen. Voice control via Siri or Google Assistant is supported.



Image: This image shows the head unit displaying the CarPlay/Android Auto interface, demonstrating navigation and app access.

2.4 GPS Navigation

The system includes built-in offline maps. With Wi-Fi/4G connectivity, you can update maps online and access real-time traffic information. Supports GPS/BDS/Glons navigation systems.

2.5 Bluetooth 5.0

Utilize Bluetooth 5.0 for hands-free calling and wireless audio streaming. This enhances driving safety and convenience.

2.6 Mirror Link

Mirror Link functionality supports both iOS and Android devices, allowing you to project your smartphone's screen content onto the autoradio display. This enables viewing high-quality videos, photos, navigation, and music from your phone.

2.7 Radio (AM/FM/RDS)

The unit features an AM/FM/RDS radio tuner. RDS provides additional information such as station name and program type.

2.8 DSP and EQ Settings

The integrated DSP (Digital Signal Processor) chip (AK7604) and adjustable equalizer allow for fine-tuning of audio output to match your preferences and vehicle acoustics.

2.9 Steering Wheel Control

The unit supports steering wheel controls, allowing you to manage audio functions without taking your hands off the wheel. This feature requires proper wiring and configuration.

2.10 Wi-Fi/4G Connection

Connect to Wi-Fi or use the 4G module for internet access. This enables online video playback, app downloads from the Play Store, and online map navigation.

WiFi/4G Connection Button Light Settings

Support WiFi/4G connection, online video playback and online map navigation.



Image: This image shows the head unit connected to Wi-Fi/4G, enabling online video, app downloads, and music. It also displays various color options for the button backlighting.

2.11 Backup Camera

The system supports CVBS/AHD/360 panorama backup cameras (optional). The included rear view camera provides a clear view of the area behind your vehicle, enhancing safety during parking and reversing. Features include HD image, wide-angle view, IP69 waterproof rating, and night vision.

Backup Camera

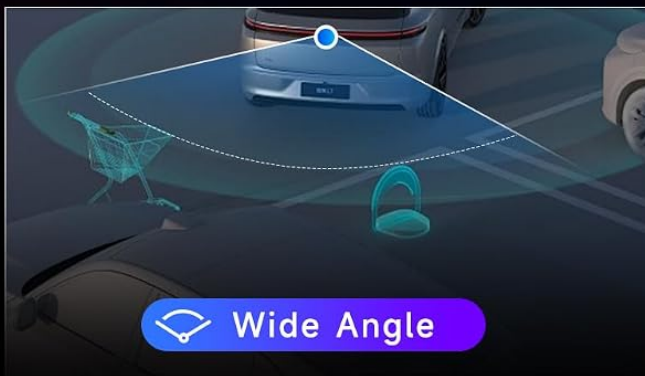


Image: This image illustrates the backup camera view with guidelines, HD image quality, wide-angle, IP69 waterproof rating, and night vision.

2.12 USB Ports

The unit is equipped with two USB 2.0 ports for connecting USB drives for media playback or charging compatible devices.

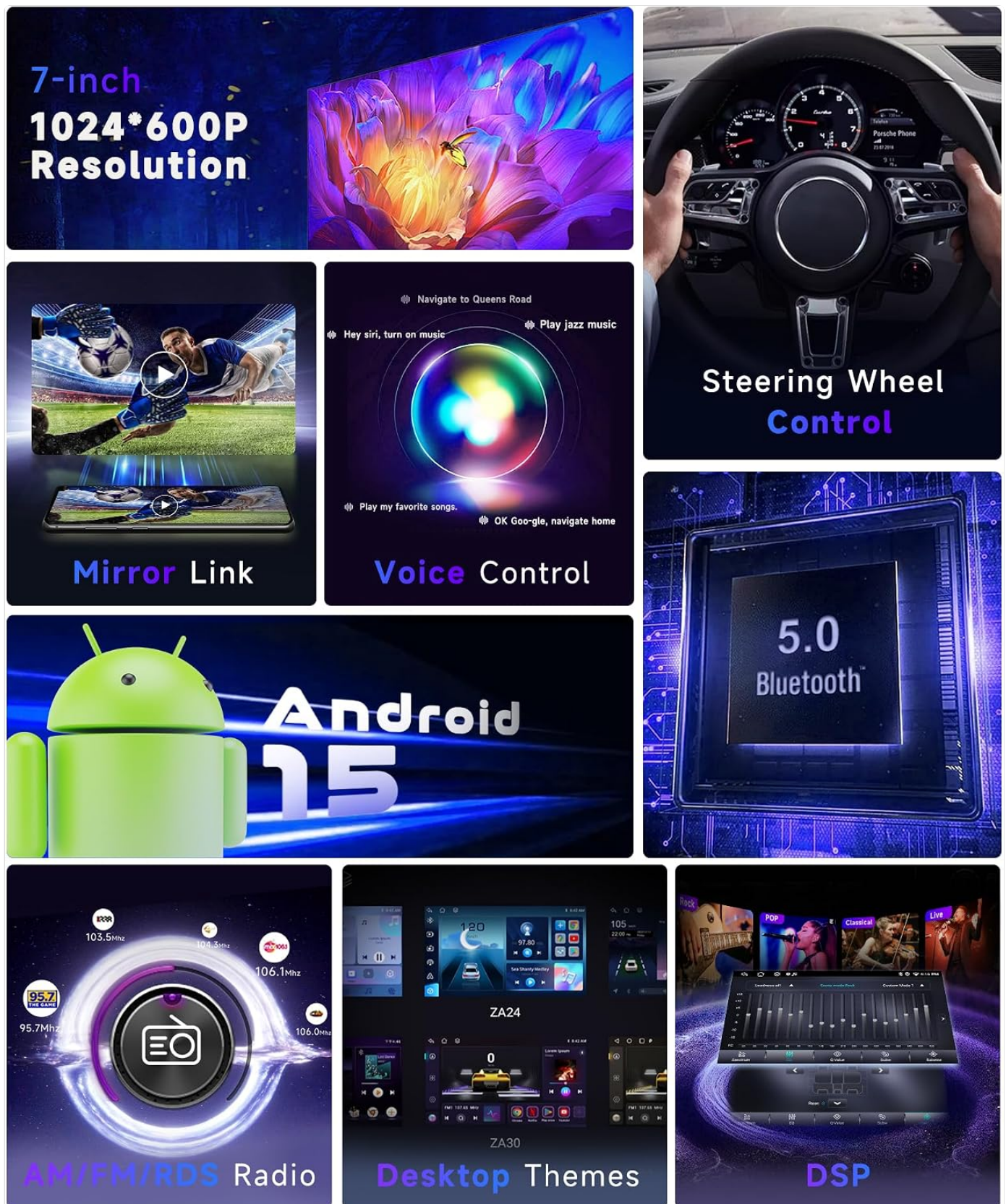


Image: This image highlights the 7-inch 1024*600P resolution, Android 15, Bluetooth 5.0, Mirror Link, Voice Control, Steering Wheel Control, AM/FM/RDS Radio, Desktop Themes, and DSP.

3. MAINTENANCE

3.1 General Care

Keep the unit clean and free from dust. Avoid exposing it to extreme temperatures or direct sunlight for prolonged periods.

3.2 Screen Cleaning

Use a soft, lint-free cloth to clean the touchscreen. For stubborn smudges, lightly dampen the cloth with water or a screen-safe cleaner. Do not use abrasive cleaners or solvents.

4. TROUBLESHOOTING

If you encounter any issues with your autoradio, please refer to the following general troubleshooting steps:

- **No Power:** Check all power connections and fuses. Ensure the car's ignition is on.
- **No Sound:** Verify speaker connections, volume settings, and audio source selection.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (consult support).
- **GPS Signal Loss:** Ensure the GPS antenna is properly installed and has a clear view of the sky.
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the autoradio and your device. Try unpairing and re-pairing the devices.

For more complex issues, please contact technical support.

5. SPECIFICATIONS

Feature	Specification
System	Android 15.0
Processor	8-core (8581 Chipset)
Execution Speed	1.6 GHz
RAM	4 GB
ROM	64 GB
Screen Size	7 inches
Screen Resolution	1024*600
Output Power	4*50 W (Amplifier: 7388) / 200 Watts Total
Radio Chip	SI4755
Radio Frequency Band	FM/AM/RDS
DSP Chip	AK7604
Operating Temperature	-40 °C ~ +85 °C
Operating Voltage	9 V ~ 16 V
CarPlay/Android Auto	Supported (Wireless)
Mirror Link	Supported (iOS/Android)
Steering Wheel Control	Supported
Bluetooth Version	5.0

Navigation	Built-in offline map (online update via network), GPS/BDS/Glons
USB	2 x USB 2.0 ports
Rear View Camera	CVBS/AHD/360 panorama (optional)
Video Recorder	Supported
Video Output	Supported
External Microphone	Supported
Audio Formats	APE/FLAC/WAV/MP3/WMA, etc.
Video Formats	MKV/RMVB/AVI/MP4/MDV, etc.
Image Formats	PNG/JPEG/JPG/GIF/WBMP/BNP, etc.
Connectivity Technology	Bluetooth, USB, Wi-Fi
Controller Type	Steering Wheel, Voice
Compatible Devices	Smartphone, Car Speakers, USB Disk

6. WARRANTY INFORMATION

This product comes with a **three-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use conditions.

7. TECHNICAL SUPPORT

VECHTEL specializes in automotive electronics and provides a professional technical support team. If you encounter any issues with compatibility, installation, or operation, please do not hesitate to contact us for assistance. Refer to the product packaging or official website for contact details.

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