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aboutBit CA-90ML

aboutBit 9" Single Din Car Stereo User Manual

Model: CA-90ML

PRODUCT OVERVIEW

The aboutBit CA-90ML is a versatile 9-inch single DIN car stereo multimedia receiver designed to enhance your in-car entertainment and connectivity. It features a large, adjustable touchscreen display, Apple CarPlay compatibility, PhoneLink for screen mirroring, Bluetooth for hands-free communication and audio streaming, and various media playback options. This unit also supports rear view camera input and steering wheel controls for a comprehensive driving experience.



Figure 1: aboutBit CA-90ML Car Stereo with included external microphone, remote control, and backup camera.

WHAT'S INCLUDED

Upon unboxing, verify that all the following components are present:

- CA-90ML Single Din Car Stereo
- HD Backup Camera & External Mic
- Wireless Remote & USB Cable
- Mounting Bracket & Wire Harness
- User Manual

What's Included



Figure 2: Contents of the aboutBit CA-90ML package.

SETUP AND INSTALLATION

Professional installation of this car stereo is strongly recommended to ensure proper and safe functionality. Incorrect wiring or mounting can lead to damage to the unit or vehicle.

Mounting and Physical Adjustment

The CA-90ML is designed for both single DIN and double DIN dash openings. The 9-inch IPS adjustable touchscreen monitor allows for angle adjustments to optimize viewing and minimize glare.

- **Screen Dimensions:** 230mm (W) x 145mm (H)
- **Unit Fit Size:** 178mm (W) x 50mm (H)
- **Tilt Adjustment:** -30° back to 30° front tilt
- **Swivel Adjustment:** -30° left to 30° right tilt adjustment

100% Standard Mounting Size

Designed for single din and double din dash openings.



Adjustable Viewing Angle



Figure 3: Standard mounting dimensions and adjustable screen angles.

OPERATING INSTRUCTIONS

Touchscreen Interface

The 9-inch IPS touchscreen provides a high-resolution display (1920x1080P) for clear visuals and responsive control. Its wide viewing angle ensures visibility even in bright conditions.

Extra Large HD Full Touchscreen

9" IPS display with 1920*1080P high resolution, better visual experience.



Figure 4: The 9-inch HD Full Touchscreen in operation.

Apple CarPlay & Voice Control

Connect your iPhone via a USB cable to activate Apple CarPlay. This feature allows intuitive access to navigation, music, messages, and hands-free calling through the stereo's display or Siri voice commands.



Figure 5: Apple CarPlay interface with voice control functionality.

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Video 1: Overview of the Single Din Car Digital Media Player with Apple CarPlay features, including touchscreen, media, phone interconnection, hands-free Bluetooth, camera inputs, fast charging, DSP surround sound, adjustable display, EQ settings, and more.

iOS and Android Mirror Link (PhoneLink)

The stereo supports mirror link for Android (up to Android 11) and iPhone (up to iPhone 12, 11, X and below) devices. Connect your mobile phone via the original data cable to display and control your phone's screen on the stereo.

Phone Link

Support mirror link on phones android 11 & iphone 12, 11, X and below.



Build-in Bluetooth

Support hands-free calling, voice navigation, phonebook and audio stream music.



Figure 6: PhoneLink feature demonstrating screen mirroring from a smartphone to the car stereo.

Bluetooth 5.0

Utilize Bluetooth 5.0 for wireless audio streaming from your smartphone (e.g., Spotify, Pandora) and hands-free calling. The unit also supports phonebook access and video playback via Bluetooth.

Media Playback and Charging

The stereo features dual USB ports (one for PhoneLink, one for 2.1A fast charging), an SD Card slot, and an AUX-in port for diverse media input. It also includes RCA ports for audio and video output.

USB/SD/AUX-input

USB 2.1A for fast charging.



Figure 7: Available input ports including USB, SD, and AUX.

Audio Equalizer (EQ)

Customize your audio experience with the 16-band graphic EQ presets. Adjust sound effects to your preference and connect a subwoofer via the RCA audio output for enhanced bass.

HD Night Vision Backup Camera

A 170° wide view, HD night vision backup camera included.



Figure 8: 16-Band Graphic Equalizer interface.

Rear View Camera

The included backup camera features a 170° ultra-wide view and HD night vision. When reversing, the rear image automatically displays on the stereo screen, aiding in safe parking and maneuvering.

16 Band Graphic EQ Presets

RCA audio output connectable subwoofer.



Figure 9: Rear view camera functionality with wide-angle and parking lines.

Steering Wheel Control

The unit supports built-in steering wheel control functions, allowing you to manage audio settings directly from your steering wheel for safer operation while driving.

MAINTENANCE

To ensure the longevity and optimal performance of your aboutBit CA-90ML car stereo, follow these maintenance guidelines:

- **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-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **General Cleaning:** Keep the unit and surrounding dashboard area free from dust and debris. Use a soft brush or compressed air to clean vents and crevices.
- **Temperature Control:** Avoid exposing the unit to extreme temperatures. Prolonged exposure to direct sunlight or very cold conditions can affect performance and lifespan.
- **Cable Management:** Ensure all cables are securely connected and not pinched or strained. Regularly check connections for any signs of wear or damage.

TROUBLESHOOTING

If you encounter issues with your aboutBit CA-90ML, refer to the following common troubleshooting tips. For more complex problems, professional assistance is recommended.

- **No Power:** Check the power connections and vehicle's fuse box. Ensure the unit is properly wired and receiving power.
- **No Sound:** Verify speaker connections. Check the volume level and audio source selection. Ensure the mute function is not activated.
- **Touchscreen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset might be necessary (refer to the full user manual for instructions).
- **Bluetooth Connectivity Issues:** Ensure Bluetooth is enabled on both the stereo and your mobile device. Delete previous pairings and attempt to re-pair.
- **CarPlay/Mirror Link Not Working:** Use an original USB data cable. Ensure your phone's operating system is compatible with the unit's specifications.
- **Backup Camera Display Issues:** Check the camera's power and video connections. Ensure the vehicle is in reverse gear.

SPECIFICATIONS

Feature	Detail
Brand	aboutBit
Model Number	CA-90ML
Item Weight	5.74 pounds
Package Dimensions	11.65 x 11.3 x 8.07 inches
Screen Size	9 inches
Display Type	IPS Adjustable Touchscreen
Resolution	1920x1080P
Connectivity Technology	Bluetooth 5.0, USB, SD Card, AUX-in, RCA
Special Features	Apple CarPlay, PhoneLink, Equalizer, Pandora, Touchscreen, Backup Camera Input, Steering Wheel Control
Audio Encoding	Stereo
Audio Output Mode	Stereo
Surround Sound Channel Configuration	4.1
Wattage	1E+2 (100W)
Compatible Devices	Speaker, Smartphone

WARRANTY AND SUPPORT

The aboutBit CA-90ML audio system includes a powerful **12-month warranty**, valid for purchases made through Amazon.com. For technical support, warranty claims, or further assistance, please refer to the contact information provided in the full user manual or visit the official aboutBit website.

