Spedal CL872

Spedal CL872 6.25-inch Motorcycle CarPlay & Android Auto Screen User Manual

Model: CL872 | Brand: Spedal

1. INTRODUCTION

Welcome to the user manual for your Spedal CL872 6.25-inch Motorcycle CarPlay & Android Auto Screen. This device is designed to enhance your riding experience by providing seamless access to navigation, music, communication, and smart assistant features directly on your motorcycle. Please read this manual thoroughly to ensure proper installation, operation, and maintenance of your device.

2. PRODUCT OVERVIEW

Key Features

- **Seamless Motorcycle CarPlay & Android Auto Experience:** 6.25-inch display for easy access to navigation, music, and calls.
- **Weather-Resistant Design:** IP65 waterproof body and upgraded waterproof touchscreen for reliable use in all weather conditions.
- **Direct Bluetooth Connection & Wired Control:** Connect helmet or Bluetooth headset directly to your phone for reduced sound loss. Use the wired remote for hands-free control.
- **User-Friendly Installation & Rugged Build:** Durable aluminum alloy mount for stability and easy installation. Includes a tool pouch for accessories.
- **Personalized Service & U.S.-Based Customer Support:** Assistance with installation, usage, and after-sales inquiries.
- **Includes an Extra USB Cable:** Provides flexible power connection options for various vehicle models or indoor testing. Supports optional tire pressure monitor (sold separately).

Package Contents

- Spedal CL872 Main Unit
- Aluminum Alloy Mounting Bracket
- Power Cable (for direct battery connection)
- USB Power Cable

- Installation Screws and Tools
- User Manual

Figure 2.1: Spedal CL872 device, showing the screen, USB cable, and mounting bracket.

3. INSTALLATION GUIDE

Mounting the Device

The CL872 comes with a robust aluminum alloy mounting bracket designed for secure attachment to your motorcycle's handlebars. Ensure the mounting location does not obstruct your view or interfere with vehicle controls.

Figure 3.1: The durable aluminum alloy mount provides superior stability compared to plastic alternatives.

Alternative Mounting Options

Depending on your motorcycle's design, various mounting accessories are available (sold separately) to suit different preferences, including rearview mirror holders, fuel pump mounts, fuel cap mounts, and fork stem mounts.

Figure 3.2: Example of a rearview mirror holder mount.

Figure 3.3: Example of a motorcycle fuel pump mount.
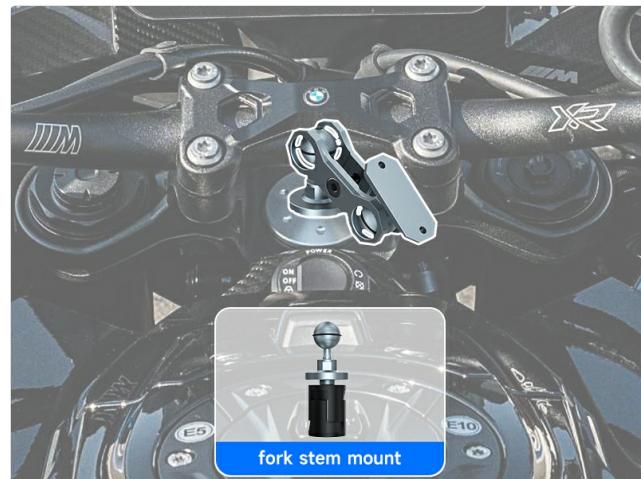
Figure 3.4: Example of a fuel cap mount bracket.

Figure 3.5: Example of a fork stem mount.

Power Connection

The CL872 offers two primary power connection methods:

1. **Direct Battery Connection (1-Power Cable):** Connect the black wire to the negative pole (GND) and the

yellow wire to the positive pole (B+). The red wire connects to the ACC power, which is active when the motorcycle's ignition is ON (11-14.4V) and OFF (0V).

2. **USB Plug (2-USB Plug to 3 pin):** Connect to the motorcycle's USB interface, which provides a 5V output. This is convenient for indoor testing or use with E-bikes.

Figure 3.6: Wiring diagram illustrating both direct battery and USB power connection methods.

Figure 3.7: The included USB cable offers an additional power option.

4. OPERATION GUIDE

Connecting to CarPlay / Android Auto

The CL872 supports wireless Apple CarPlay and Android Auto. Follow these steps to connect your smartphone:

Apple CarPlay Connection

1. Tap the CarPlay icon on the CL872 screen.
2. On your iPhone, search for "Spedal-****" in Bluetooth settings and pair.
3. Select "Use CarPlay" in the pop-up on your iPhone.
4. CarPlay will now be connected.

Figure 4.1: Visual guide for connecting Apple CarPlay.

Android Auto Connection

1. Tap the Auto icon on the CL872 screen.
2. Enable Bluetooth & Wi-Fi on your Android phone, then tap "Connect Device".
3. Pair your new device with "Spedal-****" in your phone's Bluetooth settings.
4. Android Auto will now be connected.

Figure 4.2: Visual guide for connecting Android Auto.

Using Voice Control

Utilize voice recognition functions like Siri or Google Assistant for hands-free control of navigation, music, and calls. This enhances safety by allowing you to keep your hands on the handlebars.

- Search for destinations.
- Play music.
- Make hands-free calls.
- Send messages.
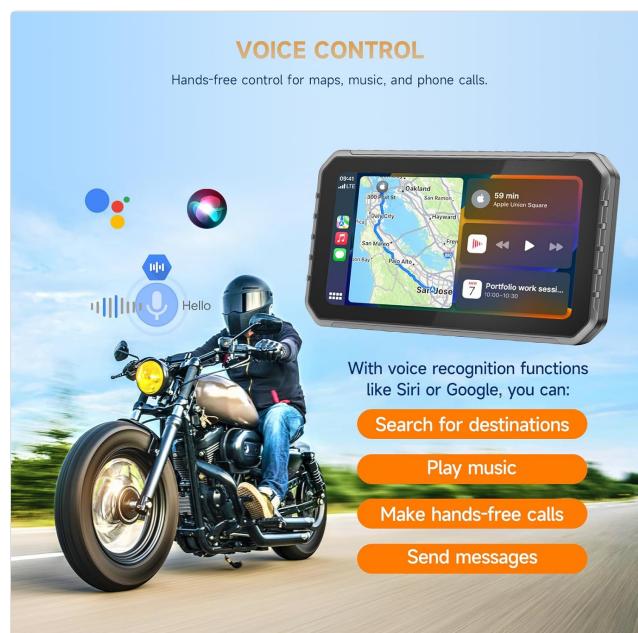
Enhanced Bluetooth Connection

Connect your helmet or Bluetooth headset directly to your phone, rather than routing through the CL872. This setup minimizes sound loss and provides a more stable audio experience for calls and music, especially in challenging riding environments.

Figure 4.4: Direct Bluetooth connection from your phone to your headset for optimal audio quality.

Screen Features

Landscape and Portrait Rotation

The screen rotation feature can be enabled through a firmware update. In navigation mode, portrait orientation may be easier for viewing the road ahead than landscape. If needed, contact Spedal after-sales support for assistance.

- To rotate the screen, find the screen rotation function in the settings and activate it. The device will automatically shut down and restart for a few seconds (approximately 5-8 seconds).
- If the device includes a camera and the display orientation is reversed, loosen the screws, rotate the camera to the correct direction, and then retighten the screws.

Figure 4.5: The CL872 supports both landscape and portrait screen orientations.

Automatic Light Sensing

The CL872 features an automatic light sensing function that adjusts screen brightness according to ambient light conditions. This ensures clear visibility in both bright daylight and dark environments, enhancing usability and safety.

Figure 4.6: Automatic light sensing ensures optimal screen visibility in varying light conditions.

Weather Resistance

The CL872 is designed to withstand various riding environments. Its IP65 waterproof rating and anti-glare screen ensure functionality in rain, sun, and snow. The touchscreen is compatible with gloves, allowing for easy operation.
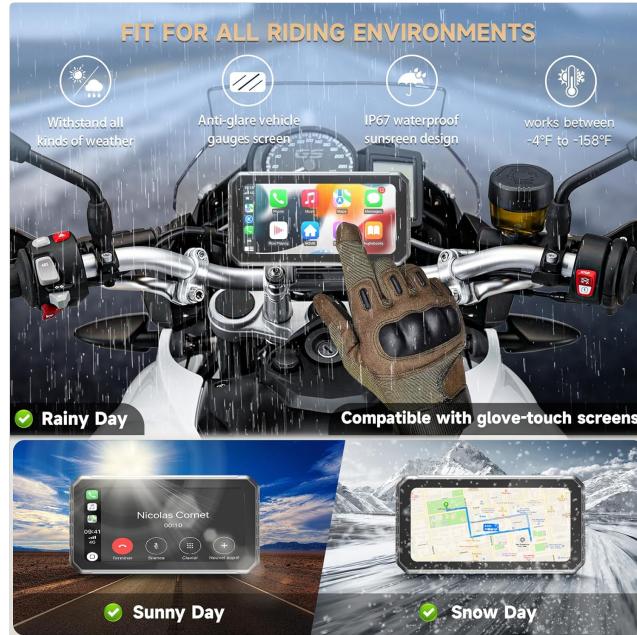
Figure 4.7: The CL872 is built to perform reliably in all weather conditions.

5. MAINTENANCE AND CARE

Waterproof Design

The CL872 features an IP65 waterproof body, providing protection against dust and water jets. This ensures reliable operation even in heavy rain. Always ensure all ports and connections are securely sealed when exposed to wet conditions.

Temperature Resistance

The device is designed to operate within a wide temperature range, from -4°F to 158°F (-20°C to 70°C), making it suitable for diverse climates.

Figure 5.1: The CL872's robust construction provides top-level protection against harsh environments.

6. TROUBLESHOOTING

If you encounter issues with your Spedal CL872, please refer to the following common solutions:

- **No Power:** Ensure all power cables are securely connected. If using the direct battery connection, verify the ACC wire is correctly wired to an ignition-switched power source. If using USB, confirm the USB port is active and providing 5V.
- **Connectivity Issues (CarPlay/Android Auto):**

- Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
- Forget the device in your phone's Bluetooth settings and attempt to re-pair.
- Restart both your smartphone and the CL872 device.

- **Screen Unresponsive:** Ensure the screen is clean and free of debris. If wearing gloves, confirm they are compatible with capacitive touchscreens.
- **Audio Problems:** Verify your helmet or Bluetooth headset is properly paired directly to your phone. Check volume settings on both your phone and the headset.
- **Screen Rotation Not Working:** Check the device settings for the screen rotation option. If it requires a firmware update, contact customer support.

For persistent issues, please contact Spedal customer support.

7. PRODUCT SPECIFICATIONS

Technical Details

Brand	Spedal
Model Number	CL872
Screen Size	6.25 inches (Note: Product title states 6.25", specifications list 7")
Operating System	Android
Connectivity Technologies	Bluetooth, Wireless
Special Features	Android Auto, Apple CarPlay, Touchscreen, Waterproof
Human Interface Input	Touchscreen
Vehicle Service Type	Motorcycle
Item Weight	2.11 pounds
Package Dimensions	8.5 x 6.38 x 4.72 inches
Manufacturer	SHENZHEN HUIJINLINGHANG TECHNOLOGY CO.LTD.
Date First Available	August 23, 2024

8. WARRANTY AND CUSTOMER SUPPORT

Warranty Information

The Spedal CL872 comes with a 12-month product warranty. A 30-day return policy is also available.

Figure 8.1: Overview of warranty and service terms.

Contact Support

For technical support, installation assistance, usage inquiries, after-sales service, or personalized customization of your startup image, please contact our U.S.-based support team.

Contact Email: support@spedaltech.com

Figure 8.2: Customer support details for Spedal products.

Related Documents - CL872

	Spedal NaviCam User Manual: Multifunctional Smart Motorcycle CarPlay Screen Comprehensive user manual for the Spedal NaviCam, a multifunctional smart motorcycle CarPlay screen. Covers safety guidelines, installation, features, and settings for seamless integration with your motorcycle.
	Spedal CL876 Motorcycle Smart Screen User Manual Comprehensive user manual for the Spedal CL876 Motorcycle Smart Screen, covering installation, features, settings, and firmware upgrades. Learn how to connect Apple CarPlay and Android Auto, use the DVR, manage audio output, and monitor tire pressure.
	Manuale Utente Adattatore USB Wireless Spedal CL320 per Apple CarPlay e Android Auto Guida completa all'uso dell'adattatore USB wireless Spedal CL320 per integrare Apple CarPlay e Android Auto nella tua auto. Include istruzioni di compatibilità, configurazione, aggiornamento OTA e stato LED.
	Spedal SmartBox-xxxx Wireless USB Adapter Quick Guide for Apple CarPlay and Android Auto Get started with your Spedal SmartBox-xxxx wireless USB adapter. This quick guide provides instructions for seamless integration with Apple CarPlay and Android Auto, including compatibility checks, setup steps, and troubleshooting.
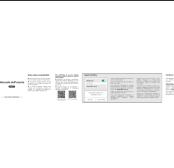
	[Spedal SmartBox Wireless Adapter Quick Guide for Apple CarPlay and Android Auto](#) A concise guide to installing and using the Spedal SmartBox wireless adapter for seamless integration of Apple CarPlay and Android Auto into your vehicle. Includes compatibility checks and connection steps.
	[Spedal Wireless USB Adapter User Manual for CarPlay and Android Auto](#) User manual for the Spedal Wireless USB Adapter, providing instructions on how to connect and use Apple CarPlay and Android Auto wirelessly with your vehicle. Includes compatibility notes, setup guides, and OTA update instructions.