Spedal CL871

Spedal CL871 Motorcycle Smart Monitor User Manual

Model: CL871 | Brand: Spedal

INTRODUCTION

The Spedal CL871 Motorcycle Smart Monitor is designed to enhance your riding experience with integrated navigation, smart features, and robust durability. This 6.25-inch LCD screen provides crystal-clear visibility and responsive touch control, supporting both Apple CarPlay and Android Auto for seamless smartphone integration.

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Spedal CL871 device. Please read it thoroughly before use to ensure optimal performance and safety.

KEY FEATURES

- **Integrated Navigation & Smart Features:** Experience seamless navigation with the CL871 Motorcycle Smart Monitor, supporting CarPlay and Android Auto. The 6.25-inch LCD screen features an upgraded high-resolution display with a peak brightness of 900 nits, ensuring crystal-clear visibility even under direct sunlight.

- **Direct Bluetooth Connectivity:** Easily connect your helmet or Bluetooth earphones directly through your smartphone, reducing sound quality loss and keeping your phone safely stored in your pocket. The device supports voice control via Siri or Google Assistant.

- **Automatic Brightness Adjustment:** The display features an auto-brightness adjustment function, ensuring excellent visibility even in bright sunlight. Whether in dim or bright environments, the screen adapts for a clear view of navigation or media.

- **IP67 Waterproof & Dustproof Design:** Built to withstand the elements, this IP67-rated motorcycle CarPlay system offers protection against rain, dust, and dirt. Ride with confidence, knowing your device is durable and reliable in any weather condition.

- **Wide Compatibility & Easy Installation:** Designed to support a wide range of motorcycle models, the CL871 operates with a power voltage range of 9-18V, making it compatible with various brands and bikes. The included installation tools allow for quick and hassle-free setup.

SETUP AND INSTALLATION

The Spedal CL871 is designed for straightforward installation on most motorcycles. Ensure your motorcycle's power system is within the 9-18V range for compatibility.

Package Contents:

- Spedal CL871 Smart Monitor Unit
- Mounting Bracket and Hardware
- Power Cable (for 9-18V connection)
- User Manual (this document)
- Installation Tools

Installation Steps:

1. **Choose Mounting Location:** Select a secure and visible location on your motorcycle's handlebar.
2. **Attach Mounting Bracket:** Securely fasten the provided mounting bracket to the chosen location using the included tools. Ensure it is stable and does not obstruct your view or controls.
3. **Connect Power:** Connect the power cable to your motorcycle's electrical system. The device operates on 9-18V. It is recommended to connect the red ACC wire to a switched power source (e.g., ignition) and the black wire to ground.
4. **Mount the Device:** Slide the Spedal CL871 unit onto the mounted bracket until it clicks securely into place.
5. **Initial Power On:** Turn on your motorcycle's ignition. The CL871 should power on automatically.

Note: This product is not compatible with dash cameras. Tire Pressure Monitoring System (TPMS) sensors must be purchased separately.

Figure 1: Spedal CL871 unit with included mounting hardware and a motorcycle for scale.

Figure 2: The CL871 supports wireless Apple CarPlay and Android Auto connections, compatible with both iPhone and Android smartphones.

OPERATING INSTRUCTIONS

Connecting to Your Smartphone (CarPlay/Android Auto):

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.

2. On the CL871 screen, navigate to the connection settings.

3. Select either "CarPlay" or "Android Auto" based on your phone's operating system.

4. Follow the on-screen prompts to pair your smartphone via Bluetooth. Once paired, the system will automatically establish a Wi-Fi connection for CarPlay or Android Auto functionality.

5. Your phone's interface will now be mirrored on the CL871 screen, allowing access to navigation, music, calls, and messages.

Bluetooth Headset Connection:

The CL871 allows direct connection to your helmet's Bluetooth system or Bluetooth earphones, ensuring clear audio without routing through your phone.

1. Put your Bluetooth headset into pairing mode.

2. On the CL871, go to Bluetooth settings and search for available devices.

3. Select your headset from the list to pair.

4. Once connected, all audio from the CL871 (navigation prompts, music, calls) will be routed to your headset.

Figure 3: Enhanced Bluetooth connectivity allows direct pairing with your helmet or earphones for superior audio quality.

Voice Control (Siri/Google Assistant):

Utilize voice commands for hands-free operation, keeping your focus on the road.

- Activate Siri (for iOS) or Google Assistant (for Android) through the CL871 screen or by using your phone's voice command trigger.

- You can then issue commands such as:

- "Navigate to [destination]"
- "Play [song/artist]"
- "Call [contact name]"
- "Send a message to [contact name]"
- "Adjust volume"

Figure 4: Hands-free voice control for navigation, music, and calls via Siri or Google Assistant.

Automatic Brightness Adjustment:

The CL871 features an integrated light sensor that automatically adjusts screen brightness based on ambient light conditions. This ensures optimal visibility whether you are riding in bright sunlight or at night.

- No manual adjustment is typically required for brightness.
- The screen will dim in low light and brighten in direct sunlight to maintain readability.

Figure 5: The automatic light sensing function ensures clear display under any lighting conditions.

MAINTENANCE

To ensure the longevity and optimal performance of your Spedal CL871, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to clean the screen and exterior. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the display or casing.

- **Waterproof Design:** The device is IP67 rated for water and dust resistance. While it can withstand rain and splashes, avoid submerging it in water for extended periods. Ensure all ports and covers are securely closed to maintain water resistance.

- **Temperature Range:** The CL871 is designed to operate in temperatures from -4°F to 158°F (-20°C to 70°C). Avoid exposing the device to extreme temperatures outside this range for prolonged periods.

- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.

- **Cable Inspection:** Periodically inspect the power cable and connections for any signs of wear, fraying, or damage. Replace damaged cables immediately.
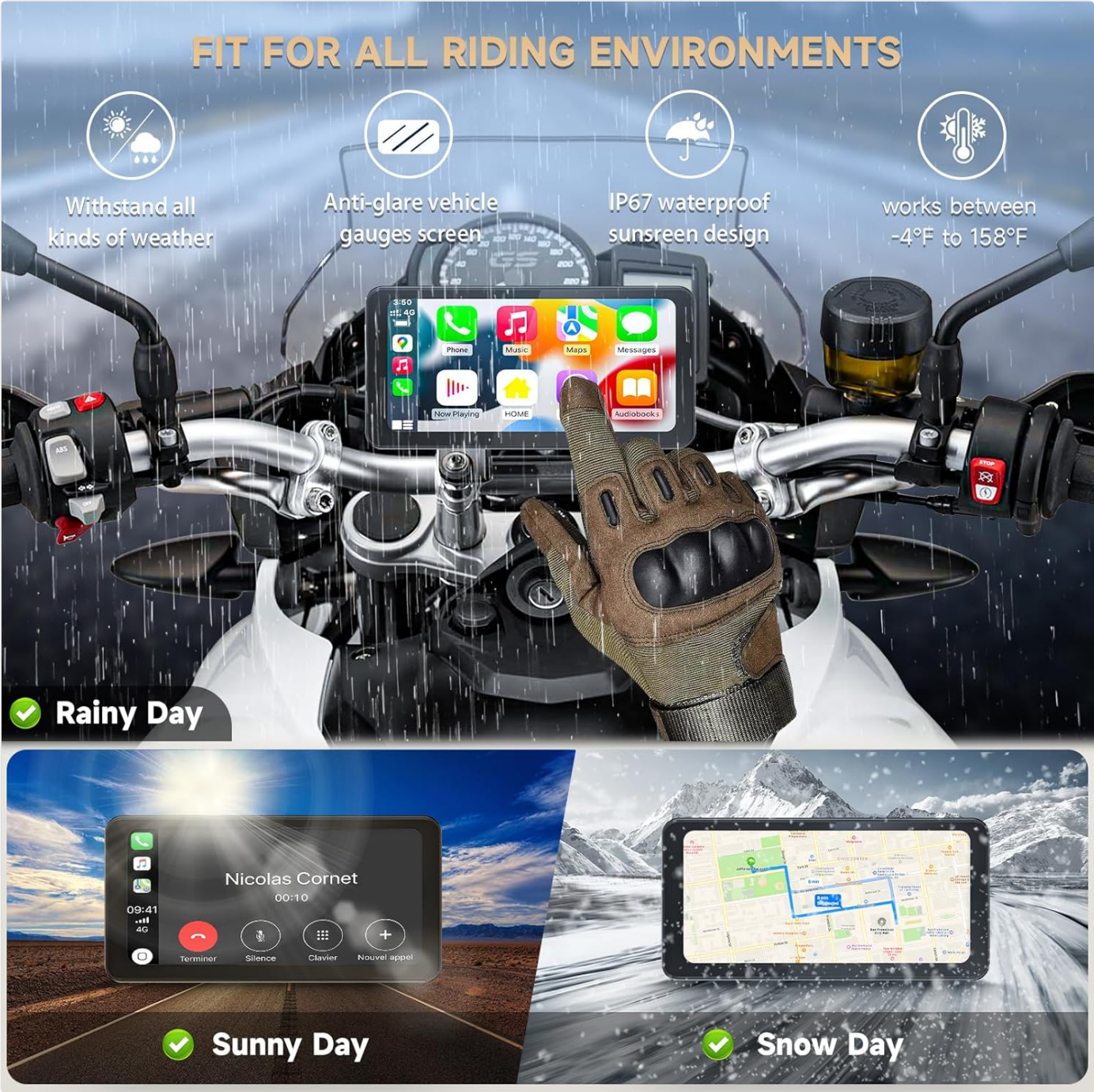
Figure 6: The CL871 is built to withstand all kinds of weather, from rainy days to snowy conditions, and operates effectively between -4°F and 158°F.

TROUBLESHOOTING

If you encounter issues with your Spedal CL871, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	No power connection, incorrect wiring, or blown fuse.	Check power cable connections to the motorcycle battery and ignition. Ensure the voltage is within 9-18V. Inspect fuses.

Problem	Possible Cause	Solution
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi issues, phone compatibility, or software glitch.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Restart both the CL871 and your phone. Forget and re-pair the Bluetooth connection. Verify your phone's OS is compatible. Some Android phones may experience intermittent disconnections; try updating phone software or CL871 firmware if available.
Screen is dim or unreadable.	Extreme lighting conditions, or automatic brightness sensor issue.	The device has automatic brightness adjustment. Ensure the light sensor is not obstructed. If the issue persists, contact customer support.
No audio from headset.	Headset not paired, volume too low, or headset issue.	Ensure your Bluetooth headset is properly paired with the CL871. Check volume levels on both the CL871 and your headset. Try re-pairing the headset.
Touchscreen unresponsive.	Software freeze or physical damage.	Restart the CL871 unit. If the problem persists, contact customer support.

If the problem persists after attempting these solutions, please contact Spedal customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Name	CL871
Display Size	6.25 inches
Resolution	1280 x 720
Operating System Compatibility	Android, iOS (for CarPlay/Android Auto)
Connectivity Technology	Bluetooth, USB
Mounting Type	Handlebar Mount
Vehicle Service Type	Motorcycle
Power Voltage Range	9-18V
Waterproof/Dustproof Rating	IP67
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Item Weight	31.5 pounds
Package Dimensions	8.5 x 5.43 x 4.49 inches

WARRANTY AND SUPPORT

The Spedal CL871 comes with a **1-year manufacturer warranty**. Spedal is committed to customer satisfaction and provides **24/7 customer support**.

If you encounter any issues such as defects, missing parts, or other concerns, please contact Spedal customer support. They provide repair, replacement, or refunds to ensure your satisfaction.

For support, please visit the official Spedal website or contact their customer service channels as provided in your product packaging or purchase documentation.

Related Documents - CL871

Spedal NaviCam User Manual Multifunctional Smart Motorcycle CarPlay Screen	[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.
User Manual	[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.