

## KICKER 10PS5250

# KICKER 10PS5250 5.25 Harley Davidson Motorcycle Speakers User Manual

Model: 10PS5250

## INTRODUCTION

Thank you for choosing KICKER PS5250 Motorcycle Speakers. These 5.25-inch coaxial speakers are specifically designed for Harley-Davidson motorcycles, offering a durable, waterproof solution for high-quality audio on the road. This manual provides essential information for installation, operation, and maintenance to ensure optimal performance and longevity of your speakers.

## SAFETY INFORMATION

- **Professional Installation Recommended:** For best results and to avoid damage, professional installation is highly recommended.
- **Power Handling:** Do not exceed the maximum power handling of 100 Watts to prevent speaker damage.
- **Wiring:** Ensure all wiring is correctly connected according to the impedance (2 Ohm) and polarity to prevent damage to the speakers or amplifier.
- **Waterproof Rating:** While these speakers are waterproof, avoid submerging them or exposing them to high-pressure water jets.
- **Operating Temperature:** Avoid operating the speakers in extreme temperatures outside of typical motorcycle operating conditions.

## PACKAGE CONTENTS

Verify that all items are present in your package:

- KICKER 10PS5250 5.25-inch Coaxial Speakers (Pair)
- Specific replacement grilles for Harley-Davidson's "Bat-wing" fairing
- Weather-proof materials



Image: The KICKER 10PS5250 speakers shown with their included grilles, ready for installation.

## INSTALLATION GUIDE

### Tools Required

- Screwdriver set (Phillips and Flathead)
- Wire strippers/crimpers
- Socket wrench set (if fairing removal is needed)
- Electrical tape or heat shrink tubing
- Multimeter (optional, for checking polarity)

### Mounting Instructions

1. **Prepare the Motorcycle:** Ensure the motorcycle is turned off and the battery is disconnected before beginning any electrical work.
2. **Remove Existing Speakers:** Carefully remove the existing speakers from your Harley-Davidson's fairing. This may involve removing the fairing itself, depending on your motorcycle model.
3. **Install New Speakers:** Place the KICKER PS5250 speakers into the speaker openings. These speakers are designed to fit Harley-Davidson's "Bat-wing" fairing. Ensure the speaker is seated correctly and

securely.

4. **Secure with Grilles:** Attach the provided specific replacement grilles over the speakers. Use the appropriate screws to secure the grilles and speakers to the fairing. Do not overtighten.



Image: Angled front view of the KICKER 10PS5250 speaker, highlighting its design for fairing installation.

## Wiring Diagram

The KICKER PS5250 speakers have a 2 Ohm impedance. Connect the speaker wires from your amplifier or head unit to the corresponding terminals on the speaker. Ensure correct polarity (positive to positive, negative to negative) to avoid phase issues and ensure optimal sound quality.

- **Positive (+) Terminal:** Typically marked with a red indicator or a plus sign.
- **Negative (-) Terminal:** Typically marked with a black indicator or a minus sign.



Image: Rear view of the KICKER 10PS5250 speaker, showing the wiring terminals for connection to an audio system.

## OPERATION

Once installed and wired correctly, your KICKER PS5250 speakers will operate as part of your motorcycle's

audio system. Ensure your audio source (head unit, amplifier) is compatible with 2 Ohm speakers.

- **Power On:** Turn on your motorcycle's ignition and audio system.
- **Volume Control:** Adjust the volume from your head unit. Start at a low volume and gradually increase to a comfortable listening level.
- **Audio Settings:** Utilize your head unit's equalizer or tone controls to fine-tune the sound to your preference. Avoid excessive bass or treble boost at high volumes to prevent distortion or damage.

## CARE AND MAINTENANCE

- **Cleaning:** Clean the speaker grilles and surrounding areas with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Water Exposure:** While waterproof, it is advisable to wipe down the speakers after heavy rain or washing to prevent water spots and maintain appearance.
- **Inspection:** Periodically check the speaker mounting screws and wiring connections to ensure they remain secure.
- **Storage:** If storing the motorcycle for an extended period, ensure the speakers are clean and dry.

## TROUBLESHOOTING

| Problem                 | Possible Cause   | Solution  |
|-------------------------|--|---|
| No sound from speakers  | Loose or incorrect wiring; Amplifier/head unit off or faulty; Speaker damaged  | Check all wiring connections for security and correct polarity. Ensure amplifier/head unit is powered on and functioning. Test with another known-good speaker if possible. |
| Distorted sound         | Volume too high; Amplifier clipping; Incorrect audio settings; Damaged speaker | Reduce volume. Check amplifier gain settings. Adjust equalizer/tone controls. Inspect speaker cone for physical damage.   |
| Intermittent sound      | Loose wiring connection; Faulty speaker wire                                   | Inspect all wiring for loose connections or frayed wires. Replace speaker wire if damaged.  |
| One speaker not working | Wiring issue to that speaker; Speaker damaged                                  | Check wiring specific to the non-working speaker. Swap speakers (if possible) to determine if the issue is with the speaker or the wiring/source.                           |

## TECHNICAL SPECIFICATIONS

| Feature    | Specification |
|------------|---------------|
| Model Name | PS5250        |

| Feature                              | Specification           |
|--------------------------------------|-------------------------|
| Speaker Type                         | Coaxial                 |
| Special Feature                      | Waterproof              |
| Recommended Uses For Product         | Outdoor                 |
| Unit Count                           | 1.0 Count (per speaker) |
| Surround Sound Channel Configuration | 2.0                     |
| Item Weight                          | 12 Ounces               |
| Impedance                            | 2 Ohm                   |
| Is Waterproof                        | TRUE                    |
| Number of Items                      | 1 (per speaker)         |
| Speaker Size                         | 5.25 Inches             |
| Power Source                         | Corded Electric         |
| Woofer Diameter                      | 5.25 Inches             |
| Tweeter Diameter                     | 20 Millimeters          |
| Vehicle Service Type                 | Motorcycle              |
| Water Resistance Level               | Waterproof              |
| Audio Driver Type                    | Dynamic Driver          |
| Audio Driver Size                    | 5.25 Inches             |
| Connectivity Protocol                | Coaxial                 |
| Manufacturer                         | Kicker                  |
| Product Dimensions                   | 15 x 7 x 11 inches      |
| Speaker Maximum Output Power         | 100 Watts               |
| Connectivity Technology              | Coaxial                 |
| Audio Output Mode                    | Stereo                  |
| Mounting Type                        | Motorcycle Mount        |

## WARRANTY AND CUSTOMER SUPPORT

KICKER products are designed for durability and performance. These speakers come with a Limited Warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including coverage duration and what is covered.

For technical support, troubleshooting assistance, or warranty claims, please contact KICKER customer

support directly. You can find contact information on the official KICKER website or through your authorized dealer.

**KICKER Official Website:** [www.kicker.com](http://www.kicker.com)