

LeeKooLuu F05

LeeKooLuu F05 Backup Camera System Instruction Manual

Model: F05 | Brand: LeeKooLuu

PRODUCT OVERVIEW

The LeeKooLuu F05 Backup Camera is a high-definition license plate reverse camera designed for various vehicle types including cars, trucks, SUVs, and minivans. It features IP69 waterproof rating, 6 automatic LED lights for excellent color night vision, and a 149° wide-angle view to enhance safety during reversing. The camera is wired for reliable performance, unaffected by Wi-Fi interference, and includes adjustable guidelines.



Figure 1: LeeKooLuu F05 Backup Camera main unit with LED lights.

SETUP AND INSTALLATION

The LeeKooLuu F05 camera is designed for easy installation. It connects directly to your vehicle's reversing light/taillight for power and uses an RCA plug for video output to your radio, DVD player, monitor, or any screen with an RCA connector. The system is compatible with 12-24V DC power systems.

- Mounting:** The camera features a hidden bracket design that attaches behind your license plate, ensuring no information on the license plate is covered.

- **Power Connection:** Connect the camera's power wires to your vehicle's reversing light or taillight. This ensures the camera activates automatically when the vehicle is put into reverse.
- **Video Connection:** The included 26ft RCA video cable connects the camera to your display unit (radio, monitor, DVD player, etc.). Ensure your display has an RCA input.

HIDDEN INSTALLATION

Does not obscure any critical license plate



Cover License Plate



Not cover License Plate

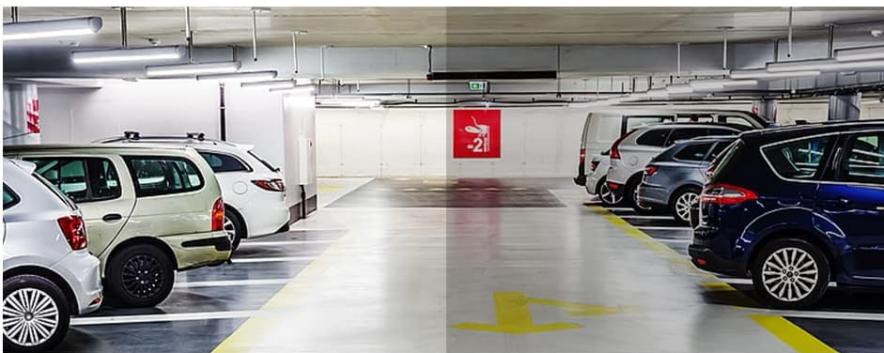


Figure 2: The camera's hidden bracket ensures it does not obscure license plate information.

Bright light environment



Underground car park



Night



Automatic adjustment to balance

De-noising



Figure 3: The LeeKooLuu F05 is designed for universal compatibility with cars, trucks, SUVs, minivans, and sedans.

Your browser does not support the video tag.

Video 1: Official product video demonstrating the LeeKooLuu F05 Backup Camera features and functionality.

OPERATING INSTRUCTIONS

The LeeKooLuu F05 Backup Camera operates automatically when your vehicle is shifted into reverse gear, provided it is correctly wired to the reversing light circuit.

- Automatic Activation:** The camera powers on and transmits video to your connected display as soon as reverse gear is engaged.
- Night Vision:** Equipped with 6 automatic LED lights, the camera provides clear color night vision in low-light environments, enhancing visibility after dark.
- Guidelines:** The display will show adjustable parking guidelines (green, yellow, red) to assist with judging distance and vehicle positioning. These guidelines can typically be turned ON/OFF via a small wire loop on the camera's

extension cable (refer to the manual for specific instructions).

- **Wide Field of View:** The 149° wide-angle lens reduces blind spots, offering a comprehensive view of the area behind your vehicle.



WIDE FIELD OF VIEW

Reduce blind spots and make reversing safer

149°

120°

120°

149°



Figure 4: The 149° wide field of view helps reduce blind spots for safer reversing.

IP69K Waterproof & Color Night Vision

With 6 automatic LED lights,
you can also enjoy clear color live view in the dark environment



Figure 5: The 6 automatic LED lights provide clear color night vision in dark environments.

MAINTENANCE

The LeeKooLuu F05 camera is built for durability and minimal maintenance.

- **Waterproof Design:** The camera boasts an IP69 waterproof rating, allowing it to function reliably in extreme weather conditions, from -22°F to 176°F.
- **Cleaning:** Periodically clean the camera lens with a soft, damp cloth to ensure a clear image. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Regularly check the wiring connections for any signs of wear or damage to maintain optimal performance.

**Designed for universal cars,
work well on old&new&used cars**



Figure 6: The IP69K waterproof rating ensures the camera's durability in various weather conditions.

TROUBLESHOOTING

If you encounter issues with your LeeKooLuu F05 Backup Camera, consider the following common troubleshooting steps:

- **No Image on Display:**

- Ensure the vehicle is in reverse gear.
- Check all power connections to the camera and display.
- Verify the RCA video cable is securely connected at both ends.
- Confirm the display unit is set to the correct video input channel.

- **Distorted or Flickering Image:**

- Inspect the RCA video cable for any kinks, cuts, or damage.
- Ensure power connections are stable and free from loose wires.

- While the camera is wired for reliability, ensure no strong electromagnetic interference sources are nearby.

- **Poor Night Vision:**

- Ensure the camera lens is clean and free from dirt or debris.
- Verify the automatic LED lights are functioning (they should activate in low light).

SPECIFICATIONS

Feature	Specification
Waterproof Rating	IP69
Operating Temperature	-22°F to 176°F
Power Compatibility	12-24V DC
Video Cable Length	26ft RCA
View Angle	149 Degrees
Night Vision	6 Automatic LED Lights
Video Capture Resolution	720p
Optical Sensor Technology	CCD CMOS

WARRANTY AND SUPPORT

LeeKooLuu offers a 5-year warranty for this rear camera. For any product inquiries or support needs, please refer to the contact information provided in your product packaging or on the official LeeKooLuu website.