

Hard Wire Kit

RD-HWK100

Installation Manual

Thank you for buying this Pioneer product. Please read through these instructions so you will know how to operate your model properly. After you have finished reading the instructions, keep this document in a safe place for future reference.

⚠ Be sure to disconnect the \ominus terminal of the vehicle's battery before connecting the power or AV cable.

Handling precautions

- Be sure to install this product correctly according to this instruction manual. Installation other than specified may cause an accident or injury. In this case, Pioneer does not take any responsibility.
- When installing this product, also read the "Safety Precautions" for the compatible Dash Camera to which this product is to be installed.

Important safeguards

⚠ WARNING

- Any obstruction of or other interference with the airbag, either deployed or non-deployed, or with the clear view of the road must be avoided and, accordingly, professional installation is required.
- Do not allow this product to come into contact with liquids. Electrical shock could result. Also, damage to the product, smoke, and overheating could result from contact with liquids.
- Do not disassemble or modify this product, as there are high-voltage components inside which may cause an electric shock. Be sure to consult your dealer or the nearest authorised Pioneer Service Station for internal inspection, adjustments or repairs.
- Do not use this product in locations subjected to high temperatures of 60°C or higher, low temperatures of -10°C or lower, or high humidity.

Precautions before connecting the system

⚠ CAUTION

- Secure all wiring with cable clamps or electrical tape. Do not allow any bare wiring to remain exposed.
- Make sure that the cables and wires will not interfere with or become caught in any of the vehicle's moving parts, especially the steering wheel, gearstick, handbrake, sliding seat tracks, doors, or any of the vehicle's controls.
- Do not route wires where they will be exposed to high temperatures. If the insulation heats up, wires may become damaged, resulting in a short circuit or malfunction and permanent damage to the product.
- Do not shorten any cables. If you do, the protection circuit (fuse holder, fuse resistor or filter, etc.) may fail to work properly.
- Never feed power to other electronic products by cutting the insulation of the power supply cable of this product and tapping into the cable. The current capacity of the cable will be exceeded, causing overheating.

To prevent damage

⚠ WARNING

- When replacing the fuse, be sure to only use a fuse of the rating prescribed on this product.

Precautions before installation (I)

⚠ CAUTION

- Never install this product in places where, or in a manner that:
 - Could injure the driver or passengers if the vehicle stops suddenly.
 - May interfere with the driver's operation of the vehicle, such as on the floor in front of the driver's seat, or close to the steering wheel or gearstick.
- To ensure proper installation, be sure to use the supplied parts in the manner specified. If any parts are not supplied with this product, use compatible parts in the manner specified after you have the parts' compatibility checked by your dealer. If parts other than supplied or compatible ones are used, they may damage internal parts of this product or they may work loose and the product may become detached.

Precautions before installation (II)

CAUTION

- Do not install this product where it may:
 - (i) obstruct the driver's vision,
 - (ii) impair the performance of any of the vehicle's operating systems or safety features, including airbags, hazard lamp buttons or
 - (iii) impair the driver's ability to safely operate the vehicle.
- Consult with your nearest dealer if installation requires drilling holes or other modifications of the vehicle.
- Before making a final installation of this product, temporarily connect the wiring to confirm that the connections are correct and the system works properly.
- Do not install this product in places subject to high temperatures or humidity, such as:
 - Places close to a heater, vent or air conditioner.
 - Places that may be exposed to rain, such as close to the door or on the vehicle's floor.

Disclaimer

- Given the large number of variables and conditions that can be involved in an accident, Pioneer cannot guarantee that every accident or occurrence will trigger the recording feature in this device.
- Pioneer Corporation accepts no responsibility whatsoever for product failures or damage that occur due to this product.

24/7 Security Mode

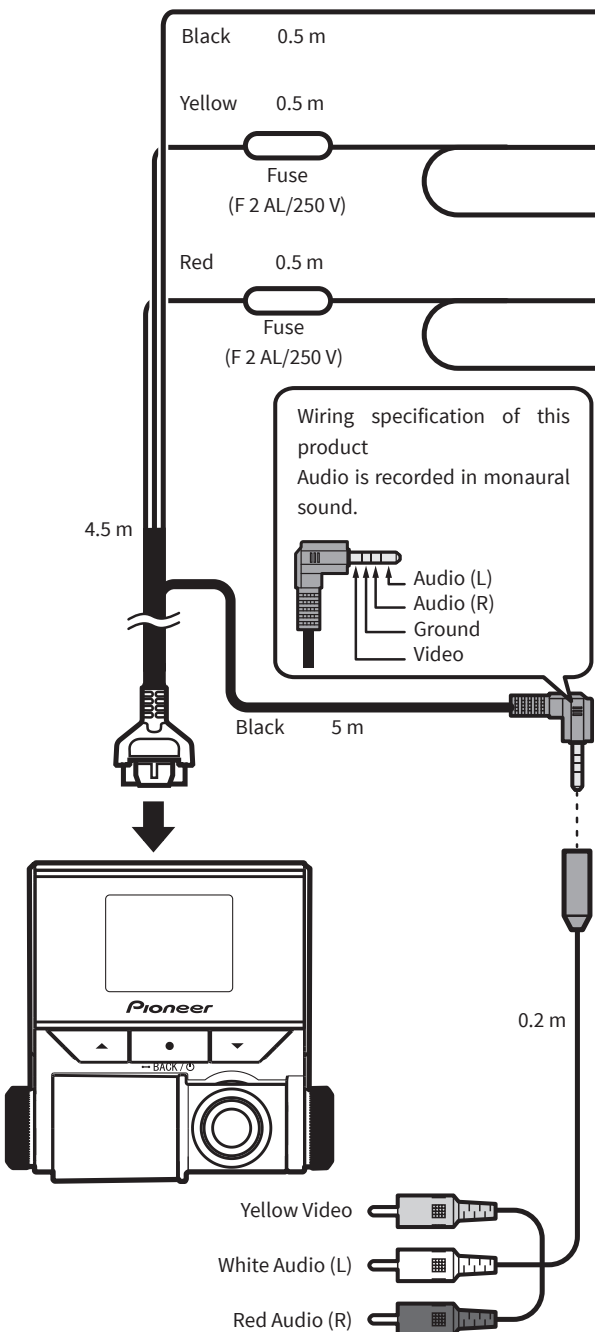
- If the pre-set operation time elapses when the security mode is turned ON, the security mode in which parking surveillance is performed 24 hours per day, 365 days per year is automatically activated. When this device detects vehicle movement caused by vibration while the security mode is activated, that event is saved for the set normal video time after the moment of detection as a parking mode file, and a notification message is displayed at the next startup.

Notes

- The security mode can be set to on or off.
→ "This Product Settings" - "Configurable Features" - "Parking Mode" - "Security mode"
- In the security mode, this product runs in the low power consumption mode to reduce the risk of the battery running flat.
- When the battery voltage drops below 11.2 V, security mode standby and recording are stopped.
- The security mode starts recording within three seconds of detection of impact.
- Vibration that is detected for approximately three minutes before the vehicle's engine is turned on (ACC ON) is not covered by the notification message display feature.
- The security mode is a feature for starting up and activating this product after an impact is detected. For this reason, the battery might wear more quickly if this product is used in mechanical multi-story parking garages or location subjected to lots of vibration. When parking in locations such as these, set the security mode to off before using this product.
- The parking mode (security mode allowing 24-hour, 365-day surveillance) can be used by extracting power directly from the vehicle by the power / AV cable. You can also connect the product to navigation by the power / AV cable to project realtime video from this product or movies and photos that are being played back on the screen of the navigation.

Installation

The parking mode (security mode allowing 24-hour, 365-day surveillance) can be used by extracting power directly from the vehicle by the power / AV cable. You can also connect the product to navigation by the power / AV cable to project realtime video from this product or movies and photos that are being played back on the screen of the navigation.



Ground (Black)

Securely connect to the metal part of the vehicle body. To prevent noise, connect as close to the navigation unit as possible.

+ Battery power supply (Yellow)

Always connect to the power circuit supplied with power from the battery, regardless of whether the vehicle engine switch is ON or OFF.

Accessory power supply (Red)

Connect to the power circuit supplied with power when the vehicle engine switch is turned to the ACC position.

Never install the accessory power supply to a vehicle that does not have an ACC position on the engine switch. Doing so may lead to a dead battery.

Note: Connect the red and yellow lead wires to the terminals after wiring through the vehicle's fuse unit.

Video/audio output mini pin jack

Connect to the AUX input of the main unit of a Pioneer product with a mini jack terminal compatible with video input.

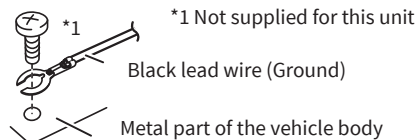
Connection to main units of other brands with RCA input terminals is also possible by using the included mini pin jack-RCA conversion cable (figure below).

*After connecting, the following message is displayed: "Is the 3.5mm Audio/Video Jack Connected?" Select "Yes" or "No".

⚠ Connection Precautions

To prevent fuming and damage to the product, be sure to first securely connect the black lead wire (Ground) of this product to the metal part of the vehicle body.

Connect separate black lead wires (Ground) for products with a high current consumption such as a power amplifier. When setting up connections all at once, there is a risk of fuming or damage to the product when screws loosen or come off completely.



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