

Pioneer

WIRELESS CHARGING PAD

SDA-CP300

Owner's 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. Always read and follow the "Safety Precautions" described in this manual when installing this product in a vehicle. There is a risk of accident and injury if this product is installed using methods other than those described in this manual, or if parts are used other than those described in this manual. Pioneer accepts no responsibility whatsoever in these cases.

Register your product at

<https://www.pioneerelectronics.com>

PIONEER CORPORATION

28-8, 28-8, Honkomagome 2-chome, Bunkyo-ku,
Tokyo 113-0021, JAPAN

PIONEER ELECTRONICS (USA) INC.

P.O. Box 1540, Long Beach, California 90801-1540,
U.S.A.
TEL: (800) 421-1404

English

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Precaution

Certain country and state laws may prohibit or restrict the placement and use of this product in your vehicle. Please comply with all applicable laws and regulations regarding the use, installation and operation of this product. It is the user's responsibility to comply with all applicable laws, rules, regulations and ordinances.

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines.
- Information to User - Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.
- NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

FEDERAL COMMUNICATIONS COMMISSION
SUPPLIER'S DECLARATION OF CONFORMITY
Product Name: Wireless Charging Pad
Model Number: SDA-CP300
Responsible Party Name: PIONEER ELECTRONICS (USA) INC.
SERVICE SUPPORT DIVISION
Address: 2050 W. 190TH STREET, SUITE 100,
TORRANCE, CA 90504, U.S.A.
Phone: 1-800-421-1404
URL: <https://www.pioneerelectronics.com>

▲ CAUTION

- The graphical symbol  placed on the product means direct current.

After-sales service for Pioneer products

Please contact the authorized Pioneer dealer in the U.S. From which you purchased this unit or an authorized Pioneer service company for after-sales service or questions you may have about the product. You may contact Pioneer directly as follows:

Do not ship your unit in for repair without contacting Pioneer first. Units sent without a return authorization number will be refused.

Pioneer Electronics (USA) Inc.
CUSTOMER SUPPORT DIVISION
P.O. Box 1760
Long Beach, CA 90801-1760
800-421-1404

For warranty information, please see the Limited Warranty sheet included with this unit.

Visit our website

U.S.:

<https://www.pioneerelectronics.com>

If you experience problems

Should this product fail to operate properly, please contact your dealer or nearest authorized Pioneer Service Company.

Safety Precautions

Always observe the precautions described here to prevent harm to yourself and others and to prevent damage to property before it happens.

Important safeguards

▲ WARNING

- 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, indicators (lights) and hazard lamp buttons, or
 - (iii) impair the driver's ability to safely operate the vehicle. It is also the driver's responsibility to know and comply with the laws, rules, and regulations of the driving location and not to use the device in any location where its installation or use is prohibited.
- 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.

Important safety information

⚠ WARNING

- If liquid or foreign matter should get inside this product, park your vehicle in a safe place, turn the ignition switch off (ACC OFF) and unplug the cigarette lighter plug immediately, and consult your dealer or the nearest authorized Pioneer Service Company. Do not use this product in this condition because doing so may result in a fire, electric shock, or other failure.
- If you notice smoke, a strange noise or odor from this product, turn off the power immediately and consult your dealer or the nearest authorized Pioneer Service Company. Using this product in this condition may result in permanent damage.
- 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 authorized Pioneer Service Company for internal inspection, adjustments or repairs.

Before using this product, be sure to read and fully understand the following safety information:

- Do not operate this product if doing so will divert your attention in any way from the safe operation of your vehicle. Always observe safe driving rules and follow all existing traffic regulations.
- Keep this manual handy as a reference for operating procedures and safety information.
- It is extremely dangerous to allow cables to become wound around the steering column or gearstick. Be sure to install this product, its cables, and wiring in such a way that they will not obstruct or hinder driving.
- Make sure that the cable 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.

Precautions before connecting the system

⚠ CAUTION

- 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.

Precautions before installation

⚠ WARNING

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.

- Never use this product in front of or next to the place in the dashboard, door, or pillar from which one of your vehicle's airbags would deploy. Please refer to your vehicle's owner's manual for reference to the deployment area of the frontal airbags.
- 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.
 - Close to the door or on the vehicle's floor.

Precautions for cigarette lighter plug

⚠ WARNING

- When using a power supply in the vehicle, use the dedicated cigarette lighter plug. Using a plug other than the specified plug may result in fire, electric shock, or product failure.
- Unplug the cigarette plug after using the product and when the product will not be used for a long period of time. Depending on the vehicle, the cigarette socket may not be turned off even when the engine is turned off. For this reason, there is a risk of fire.
- Fully insert the cigarette lighter plug. Poor contact may occur due to vibrations while driving, resulting in an extremely dangerous situation where the unit overheats.
- Regularly inspect and clean the cigarette lighter socket. Foreign material inside the cigarette lighter socket, such as ashes, may cause heat generation due to poor contact, resulting in fire or electric shock.

When Using Wireless Charger

⚠ WARNING

- Do not affix metal objects (such as stickers made of material containing metal) to the wireless charger or compatible device. A fire, burn, or injury may occur.
- Do not place metal objects (such as a strap or clip made of material containing metal) between the wireless charger and compatible device. A fire, burn, or injury may occur.
- Never move a credit card or other magnetic card, magnetic recording media, or other magnetized item near the charging area. Magnetic data may be deleted.
- Never place a watch or other precision device near the charging area. A failure may occur.
- Remove any cover or other item attached to the compatible device before charging with the wireless charger. Normal charging may not be possible and a fire, burn, or injury may occur due to the material or thickness of the cover or other item, or due to dirt or other foreign material trapped between the compatible device and cover.
- Do not place this product in direct sunlight for an extended amount of time, or where it could be exposed to extreme temperatures. Store out of direct sunlight when not in use.

Usage Precautions

⚠ Precautions When Handling this Product

- Although this device should not interfere with a vehicle's automatic anti-theft system (immobilizer), keyless entry system, or other control equipment or devices, confirm that there are no electromagnetic issues by starting the vehicle or using the keyless entry system, if any. If any malfunctions should occur and the problem is not resolved by moving this device to a different suitable location within the vehicle, stop usage and contact Pioneer or your authorized Pioneer dealer.
- Install in a flat and stable location.
- It is recommended to affix this product using commercially available double-sided tape for silicone rubber on the product back surface.

⚠ Conditions Under Which Functions May Not Work Normally

- Normal charging may not be possible under the following conditions.
 - When the device to charge is fully charged.
 - When there is foreign material between this product and the device.
 - When the temperature of the device becomes very high.
 - When the device and this product's charging area are misaligned.
 - When used in a location where strong radio waves and noise are generated such as a location near a TV antenna, power plant, petrol/gas station, broadcasting station, large display, or airport.
 - When the device is in contact with a card containing aluminum or other metal.
 - When the device to be charged has been covered by a material, such as a smartphone cover, etc., that obstructs or does not transmit electromagnetic waves.
 - When used near a wireless remote control.

Features

- This product is a wireless charger that uses electromagnetic induction technology.
- This product is compliant with the Qi wireless charging standard.
- Any smartphone compliant with Qi can be charged by simply placing it on this product.
- Quick charging can be performed in fast wireless charging mode at a maximum of 10 W.
 - Can be used by connecting to a USB charger compatible with Qualcomm® Quick Charge™ 2.0 Technology or higher.
 - Charging at 7.5 W is possible for iPhone®.
 - Charging at 5 or 10 W is possible for compatible Android™ devices. (However, depends on the specifications of the smartphone.)
 - There is no guarantee that charging or quick charging will be possible with all models. (When the smartphone supports up to 5 W, charging will be at a maximum of up to 5 W.)
- A 3-coil design with a wide charging range.

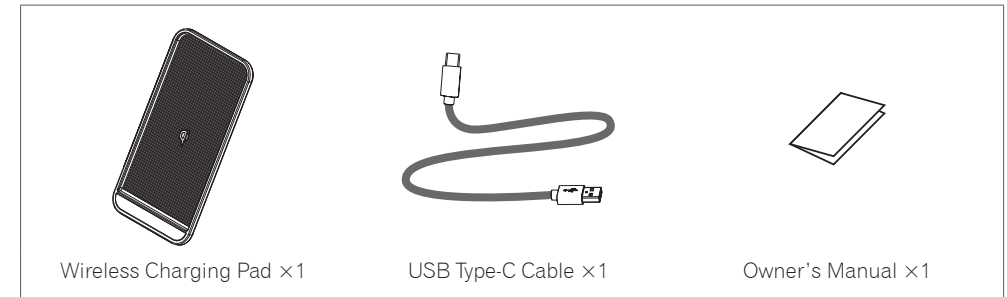
Trademarks & Copyrights

- Qi is a registered trademark of the Wireless Power Consortium.
- Qualcomm Quick Charge is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm and Quick Charge are trademarks or registered trademarks of Qualcomm Incorporated. Permission has been obtained to use all Qualcomm marks.
- Android is a trademark of Google LLC.
- iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.
- USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.
- Pioneer is a registered trademark of Pioneer Corporation.

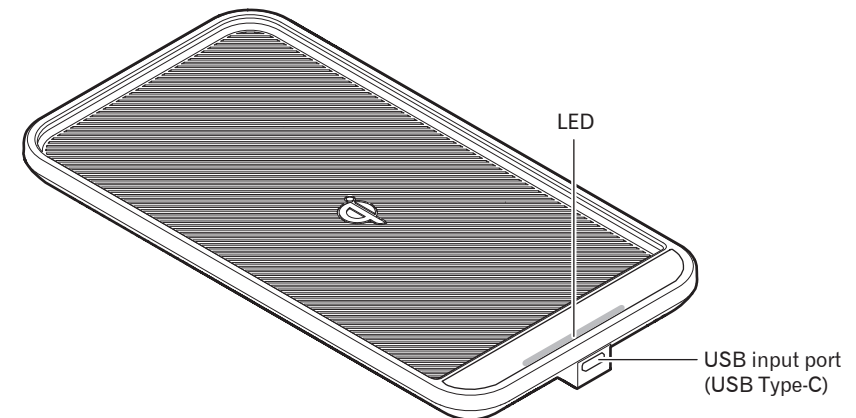
Specifications

Input	5 V / 2 A, 9 V / 1.67 A, or 12 V / 1.67 A
Output	Android™ max 10 W, iPhone max 7.5 W / Minimum 5 W
Input port	USB Type-C® female
Operating temperature range	-10 °C to +50 °C (14 °F to +122 °F)
Charging efficiency	65 % to 75 %
Possible electric power transmission distance	5 mm to 6 mm
External dimensions (W x H x D)	103 mm x 194 mm x 14 mm (4 in. x 7-5/8 in. x 1/2 in.)
Product weight	Approx. 230 g (8 oz)

Checking the Contents of the Package

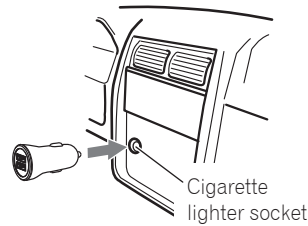


Part Names



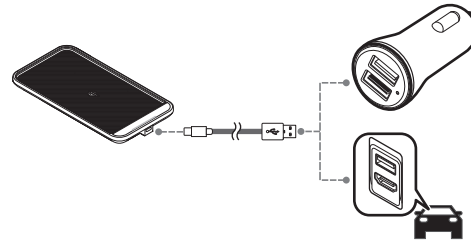
Connecting

- 1 **Insert a commercially available USB charger into the vehicle's cigarette lighter socket.**



Use a USB charger compatible with Quick Charge 2.0 to perform quick charging. Quick charging may not be possible with a charging port fitted to the vehicle as standard or a USB charger with an insufficient voltage/current because USB output equivalent to the product input specification is required.

- 2 **Connect the USB input port of this product and the USB charger with the supplied USB Type-C Cable.**



When inserting the USB connector into this product, insert it until you hear a click. When the cable is connected, the LED lights blue. For details on the LED illumination status, see "Product Status Display".

Product Status Display

The product status is indicated by the color and lighting/flashing state of the LED.

Status	Display
Waiting to charge / charging complete	Solid blue
Charging	Flashing blue (slowly)
Foreign material detected or incompatible smartphone detected	Solid yellow
High temperature error or overvoltage detected	Flashing red

Troubleshooting

Check the following information before sending the product in for service.

Symptom	Cause	Action
LED does not light or flash.	The USB cable may have a loose connection or a broken wire.	Reconnect the USB cable and check that the LED of this product lights or flashes blue.
	The connection of the USB charger is poor.	Reinsert the USB charger into the cigarette lighter socket.
Wireless charging is not performed even though a smartphone is placed.	The smartphone cover is obstructive.	Remove the smartphone cover or disc and place the smartphone on this product.
	A metal smartphone cover or disc for a magnetic smartphone holder is attached.	
	The smartphone is a device that is not compliant with the Qi wireless charging standard.	Use a smartphone device that is compatible with Qi wireless charging.