

# USER MANUAL – Wireless Charger kit

## DIRECTIONS OF USE:

This wireless charger is used for charging mobile devices compatible with “Qi” wireless charging standard. It will automatically connect to the mobile device to ensure optimum charging performance.

Follow below steps to use the Wireless charger.

- 1) Switch on ACC or IGN Position in Vehicle.
- 2) Place the Qi compatible mobile device at the center of the charger with screen facing upwards.
- 3) The charger if not required, can be turned off anytime by pressing the switch. Press the switch again to turn On.

## Parameter

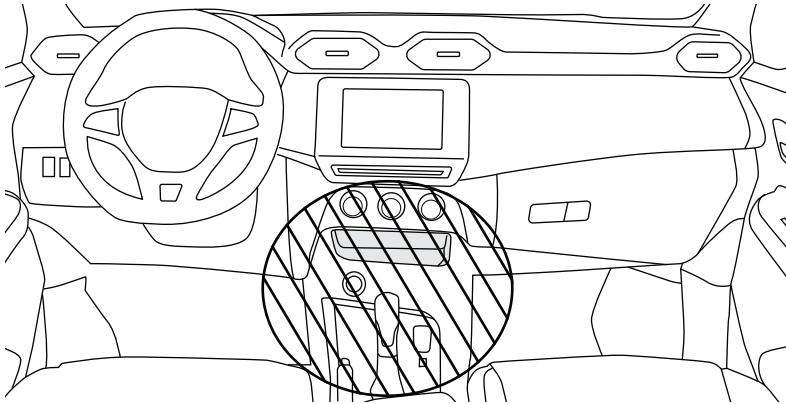
Weight	231.7g
Dimension	230.38±0.5mmx147.67±0.5mm
Input	DC 9.0V-16V
Output	Max 5V 3A(15W)
Frequency	130KHz
OP Temperature	-40 ~ + 85°C

## PRECAUTIONS / NOTES:

- a) Some Qi-compatible phones may not cause LED Purple light to illuminate when charging is only due to device specifications.
- b) If the device is not fully charged Purple LED is illuminated, it is not a defect of the charger.
- c) The charger supports fast charging. However, the charging speeds may be reduced based on the phone compatibility.
- d) Some phones may display Weak current messages. This is due to the phone characteristics only and not a malfunction.
- e) Wireless charging process will generate some heat and the charger will cease operation if the module temperature reaches certain point. The operation will resume once the temperature gets back to normal.
- f) The symbol “” and word “Qi” are registered trademarks in many jurisdictions. Use of these trademarks requires a license. The trademark license is granted only for products that are registered in Product Registration database. The certificate of registration can be withdrawn by the Wireless Power Consortium. For actual status consult the website (<http://www.wirelesspowerconsortium.com/products>).

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### TROUBLESHOOTING GUIDE:

SYMPTOM	POSSIBLE CAUSES	SOLUTION
Not charging	Case / cover is too thick or has metal items	Remove cover and try charging again
	Vehicle turned off	Turn ON ACC
	Wireless charger switch is turned off	Press the switch to turn On wireless charger
	Mobile device not properly positioned	Place the device at the exact center of the charging pad
Blue LED Blinking	Non-Compliant device	Check device specification
	Foreign object detected	Remove any objects (keys, coins, access cards, etc.)
	Mobile device too hot. (Maybe notified in phone display as well)	Stop charging and wait for the device to cool down before charging again
Unable to turn on Wireless charger. No LED illumination.	Fuse is blown	Seek professional assistance to check the fuse
Slow charging	Low power supply	Please check if the power supply of battery is less than 12V
Instrument cluster shows “Key not found” warning	Smart key should not be kept in the highlighted area of the below picture. Please put the key away from interference zone.	

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### CAUTION:

DO's	DONT's
Use the device with engine turned-on condition only, to avoid quicker battery discharge.	The phone may not charge, or efficiency of the charger may reduce, or lead to heat up if the phone is not aligned to the center of the wireless charger pad. For best result place the phone on the center of the charging pad.
Always handle the device with clean and dry hands only.	Do not operate a mobile device while driving as it may cause serious distractions.
If any person in vehicle is using a pacemaker, bi-ventricular pacing pulse generator, cardiac defibrillator, or other medical device, kindly consult the doctor before using the wireless charger.	Do not keep any materials on the wireless charger like aluminium stickers, metal objects, cloth etc., as this may become electro-statically charged or may result in heat up. Magnetic stripe cards, bank cards (credit card, debit card, etc.,), phone cards, storage devices, precision wristwatch if placed to wireless charger may cause the device to malfunction or damage due to magnetic field. Avoid device getting in contact with conductive materials. E.g., Metals, coins, pencil lead, etc. The charger has some magnetic parts which might attract metal objects.
It is highly recommended to turn off wireless charger when not in use.	Do not spill water or any other liquids on the surface of the wireless charger to avoid the risk of damage and short circuit.
It is advised to remove the charging devices before starting the engine to reduce the risk of unstable instantaneous power.	<p>The wireless charger shall not be subject to strong impacts or excessive weight.</p> <p>Do not attempt to dis-assemble, repair, or modify the wireless charger.</p>

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### FCC:

#### **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.

#### **Warning:**

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.

#### **Caution:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna and transmitter.