

product manuals

Product overview

■ This product is specially designed for charging mobile phones equipped with mobile phones, which is suitable for the direct installation and use of many BMW models with the original navigation and power supply seat;

■ This product has a waterproof design, suitable for all-weather outdoor use, the waterproof level is IP65, it can be directly cleaned with a high-pressure water gun (please confirm that the USB waterproof plug has been fully covered before cleaning).

■ This product is compatible with most smart tablets. Solve the problem of mobile phone navigation in long-distance motorcycle travel.

Product characteristics

■ The shell is made of ABS + PC, other internal and external parts including weather rubber Silicone gel, nylon materials, etc., follow the standard of outdoor use and manufacturing, the equipment has passed the exposure, rain, high temperature + 70 degrees Celsius, low temperature 40 degrees Celsius and other environmental tests, to meet the availability and reliability requirements of the equipment under extreme outdoor conditions.

■ Fully compatible with BMW original factory navigation power supply seat suitable for use;

■ Gold-plated connection components on the back can ensure the stable and reliable power supply performance

■ Multiple circuit protection function, circuit characteristics can provide foreign body detection, overpressure protection, overcurrent protection, overheating protection, mobile phone full of protection, etc.

■ It provides efficient 15W wireless charging power, which ensures that the phone battery is still in full charge.

■ Intelligent charging function, micro control unit (MCU) can dynamically charge the current in the mobile phone power is low, can be full power fast charging, and according to the hand intelligently adjust output current during machine discharge; adjust to trickle charging state (low current) when the phone is about to fill; and automatically stop charging when the phone is full, To protect the stability of the mobile phone battery, which is not damaged when charging.

■ Two USB power supply output interfaces are provided. The interfaces are usb1 and USB2, which support 5V and 9V output. The output interfaces of usb1 and USB2 are standard 5V ~ 2A output (black), which can be used for power supply / charging of other USB devices (such as driving recorder powered by USB, charging treasure, Bluetooth headset charging and more devices powered by USB)



Usb1 and USB2 are shown in the left figure

■ Hidden wireless charging switch, which can control the on or off of the wireless charging function, is not designed for continuous wireless charging scenarios (such as ultra-high temperature environment too)

When direct sunlight is shining on a phone, it may black and close the phone

Machine protection, where wireless charging can be temporarily turned off)

■ The wireless charging indicator light can make the charging state clear at a glance, and the blue indicator light is wirelessCharging stop state, red indicator light is charging state, wireless charging function and indicator light can be completely turned off by long press switch (through the switch on the back of the device)

Line control)

■ The buckle locking device (off-road mode) ensures the safety of the phone and will not accidentally fall off of the bracket when the locking function is enabled (this function is suitable for non-paved roads)

With the vast majority of mobile phones, do not accidentally touch the edge of the phone keys, this product design compatible size 4.2-6.5 inches (up to 7-inch mobile phone)

All the parts of

■ in contact with the phone are made of soft glue, which has a certain high-frequency vibration filtering effect to protect the phone from damageThe

■ with a mobile phone case still ensures that the wireless charging function is available (except for metal or metal-containing mobile phone cases)

■ electrical parameters

● input voltage: DC 12~36V

● working voltage: DC 7.2V (charging working voltage)

● Maximum operating current: 4A

● wireless output power: 15W

● Wireless induction distance: 6MM (penetration of less than 3.5MM mobile phone case)

● USB1 (upper / black) Output voltage: DC 5V 2A,DC9V 1.1A

● USB2 (lower / orange) output voltage: DC 5V 2A,DC9V 1.1A

● Overheat protection temperature: + 65 ° C

Productdiagram



Instructions

Place / remove the cell phone

■ recommends following these steps to place your phone:

- ① sets the phone horizontally and holds the upper edge of the phone with one hand;
- ② places the lower edge of the phone on the active card buckle part first;
- The ③ presses the phone down to move the moving parts down. When the phone moves down and it is pushed back below the upper edge of the charging device, so that the upper edge of the phone is stuck in the card slot at the top of the charging device.

Note: The upper edge of the phone bracket and the edge of the lock position of the phone rubber are designed to fit the vast majority of mobile phones, and does not affect the use of the button on the edge of the phone. If you use the product, please check whether the phone is completely placed into the orientation of the phone is observed;

■ About the light

Blue light: it means that the wireless charging is on, but it is not in the wireless charging state

- red light: it means that the wireless charging is in progress
- lights out: wireless charging is off
- light alternation: indicates the wireless charging protocol docking

Note: In some models, the wireless charging host light is still bright for 60 seconds after flameout, which is the function of the vehicle ACC power supply control delay function. When the ACC power supply stops, the wireless charging host power supply is cut off, and the lights follow out.

■ Wireless charging / switch control

- Verify that your vehicle is powered up (the key door is open) and that the blue lights are on on the top of the wireless charging device

- After the mobile phone with the wireless charging function is placed in the wireless charging device, the blue light is automatically switched to the red light, indicating that the wireless charging is in progress, and the mobile phone synchronously shows that the charging is in progress

- Note: Some models of mobile phones appear alternately flashing blue lights and red lights, indicating that the mobile phone and the wireless charging device are in the process of docking with the charging protocol. The red light can be charged normally after several times

- When the phone is full (the phone is 100%), the wireless charging automatically stops, The indicator light is switched from red light to blue light

- can activate / activate the wireless charging function on the back of the primary device. The light switches to blue, indicating that the wireless charging has been closed and the mobile phone charging is stopped. The wireless charging function can be pressed again

And prepare the back switch button, at this time the light switch to red, the mobile phone charging synchronization begins

- If the wireless charging is fully turned off and the light can continuously press and hold the key switch button on the back of the device for 2 seconds, then the wireless charging function is off and the light is off

- Note: Whether the wireless charging device is on or off, or the light is on or off, the wireless charging device will return to the initial standby state when the vehicle power supply is switched off (wireless charging is off, blue light is on)

■ USB output interface

- The device provides two USB output interfaces without wireless charging

When; the USB interface is not controlled by the back switch, the USB interface can continuously provide power supply even when the wireless charging is completely off.

- The upper USB interface (black) is the standard 5V, 2A DC output, which is available

Provide stable power output for any 5V power supply equipment, such as charging for the charge bank, Bluetooth headset charging, dashcam power supply use, etc.

- The USB interface below (orange) is the efficient QC3.0 protocol output interface, which provides the output voltage of 5V, 9V. In addition to supplying / charging any 5V device, it also has the characteristics of high-speed charging, which can be used to quickly restore ultra-low-power phones

Note: The USB1 / USB2 port / wireless charging function can be used at the same time. In all cases to ensure the wireless charging performance, the output current of the other two USB ports will be limited, and the charging performance of the USB ports will be reduced, but this will not affect the normal use of the electrical equipment.

■ Safety locking device

This production only has a safety locking device, this device is to ensure that the mobile phone activity lock is firmly applied, to ensure that the influence of external forces to make the mobile phone accidentally fall off. The handle at the bottom of the bracket is locked in the left position

- unlocked the handle at the bottom of the bracket to the right

Note: In order to ensure reliable locking, the driving force is greater when moving the mobile

phone (not less effective when the mobile phone is not placed), which meets the design requirements. The stress acts on the moving parts and will not touch the mobile phone.

(Non-locking state can be used to carry mobile phones, usually used for pavement or engine vibration smaller models, but does not rule out due to sudden bumps or other external force

cause mobile phone fall off, Suggest all models when carrying mobile phone locking device in the locking state, otherwise through speed bumps such as mobile phone fall off)

●Place the handle at the bottom of the bracket to the right as unlocked

Note: In order to ensure reliable locking, the stress force is greater when carrying the mobile phone (it is smaller when the mobile phone is not placed), which meets the design requirements In the mobile parts, it will not touch the mobile phone.

(Unlocking state can be used to carry mobile phones, usually used for pavement or engine vibration smaller models, but does not rule out due to sudden bumps or other external force cause mobile phone off, suggest all models when carrying mobile phone will lock device in the locking state, otherwise in sudden bumps through speed bumps road can fall off

exception handling

■Blue lights are intermittent

● Please remove the wireless charging device from the power supply seat and check whether the connection pin of the power supply seat / or the original power supply seat is intact and without dirty wear. Please wipe the four connection pins on the top of the power supply seat with alcohol to remove dirt or oxide and install the wireless charging device to try it again; If the connection pin is found to be worn, it is recommended to replace the new power supply seat

■Blue lights often bright but the phone does not charge whether your phone supports wireless charging function; the phone back has metal material, including metal finger ring, metal suction (except apple built-in), lens edge gold trim, phone case containing metal material; check whether the case thickness is more than 3.5MM.

● Please check whether the vehicle battery is power deficient. It is recommended to charge the vehicle after starting the vehicle.

■Red and blue lights continue to flash alternately, and the phone does not charge. Please check that the phone is placed as close as possible to the wireless charging device 中心位置

●Please check the phone case for abnormalities, such as special / metal material, thickness greater than

In 3.5MM, please remove the case and try wireless charging. After sure the wireless charging is normal, install the case again for test. If the problem of removing the mobile phone case still cannot be solved, please submit it for after-sales processing.

■ wireless charging when the vehicle indicates that the wireless key is lost

●Some vehicles use wireless charging for the loss of the wireless key, which is due to the wireless interference caused by the key placement position in the wireless charging reflection area. If the above situation occurs, please do not place the electronic key in the fuel tank storage box or fuel tank bag. It is recommended to place it in the cycling clothing pocket or in the tail tank. Users register and book appointments for after-sales service

Notes for installation and use

■Do not install the product upside down. The gap in the moving parts and locking device may

cause water in the product due to water intake.

■ in the installation method of the back screw into the fixed bolt, the screw torsion should not be excessive, over the force will pull the product backplane or even deformation.

■ This product has internal and external double layer waterproof design, which can effectively deal with the daily rain and car wash, but confirm that the USB rubber plug should be completely closed; in the state of USB equipment connection, the water intake.

■ The internal circuit surface of the product has waterproof treatment to avoid the influence of condensation due to temperature difference. If other equipment is connected at the USB interface, the USB port may drain water caused by connecting the plug and continuous rainfall. In this environment, it is recommended to choose the USB cover according to the actual situation to prevent the possibility of water intake.

■ The design / manufacturing waterproof level is IP65, which is not soaked in water.

■ The surface of the product has a special coating treatment, and the product can be wiped with clean water or clean wax when cleaning, and do not use alcohol or corrosive solvent for cleaning.

■ The USB output port of this product is designed for charging / power supply of 5V equipment. Do not modify the high-power equipment for power supply.

* User instructions

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Do not operate mobile phones and products while driving, which may bring you dangerous personal safety risks, causing casualties and other things event.

2. Please ensure that all the active parts have been properly placed and fixed, and ensure that the products are installed correctly and firmly.

3. When using the series of products, please make sure that the mobile phone has been correctly stuck in the slot before driving. Before driving, pay attention to the risk of mobile phone damage caused due to potholes, wind resistance and other reasons.

4. The active parts of the product series should not be excessively forced. Excessive pull or rotation or wrong use may cause deformation or damage of the product.

5. If any loose screws, loose rubber falls off, or loose movable part cracks affect the normal use of the product, please do not continue to use the product. Please contact the service provider for maintenance as soon as possible;

6. The product warranty includes the quality of circuit function and the quality of product structure function. Consumable products and gifts shall be guaranteed in good quality when delivered to users, but shall not undertake warranty services.(Consumable products include: rubber pad, USB cap; gifts include: stickers, paste parts, charging cables, etc.)

7. Please confirm that the waterproof parts (USB waterproof plug, etc.) have been buckled in place when washing the car, otherwise the product may be damaged.

8. The product series is related to automobiles or motorcycles, and belongs to high-risk categories such as outdoor sports and transportation. Please properly install and use the product to avoid personal injury and property damage to the greatest extent.

9. The product shall provide a free warranty service for one year from the date of purchase, including maintenance, replacement and other forms. The warranty service affects the normal

function of the product quality, but does not include the damage caused by man-made damage, improper use or external factors.

* disclaimer

* The "product" described below specifically refers to the products produced by our company;

* "We" as described below specifically refers to the vendor, agent and manufacturer;

* Using this product, you are known and accept the following disclaimer.

1. On the premise that you know the Instructions to Users " and correctly use our product, we are only responsible for the quality problems of the product itself, and we are not responsible for all other losses caused by the quality problems of the product itself.

We shall not be liable for accidents, personal injuries or injuries caused by operating the products during the driving.

We will not be liable for the economic losses.

3. We shall not be liable for the property losses caused by the failure to properly install the products and the unfastening of the fixing bolts of the products during the installation.

4. We shall not bear the warranty responsibility or other responsibilities for the product damage or other losses caused by the users' dismantling of the products and repairing the products by ourselves.

5. We shall not be liable for the property losses caused by the user's change of product structure, modification, use beyond the scope, use beyond the maximum technical parameters, and modifying the connection circuit without authorization.

6. We shall not be liable for the loss caused by the mobile phone falling when using or when the mobile phone is not placed correctly or when the mobile phone is stuck in the slot.

7. We will not be liable for the loss caused by the mobile phone fall due to violent turbulence or vehicle leap during the product

8. We shall not bear the warranty liability and other losses due to the product damage caused by external factors and incorrect use of the product (for non-carrying mobile phones, etc.).

9. We shall not be liable for the personal and property losses caused by not confirming the use of the product parts and still in good condition before using the products.

FCC 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.

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

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.

FCC RF exposure statement:

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance between 20cm the radiator your body.