Aerpro® — User's Manual   AP20AQIC

Please read this manual carefully before using the product.

Product Description

Grip
④
①
②
③

⑤ Cap Insert
Ball Joint Cap
USB Cable (C Type Connector)

① Wireless Charging Sliding Coil LED
② LED Indicator (See diagram in Cautions)
③ Multi-Function Button
④ Touch Sensor Panel
⑤ Sliding Coil Knob (Correlates to ①)
⑥ Vent Clip
⑦ Flexible Adhesive Base
⑧ Extendable Stalk with Suction Base

⑥
Vent Clip
Vent Clip Lever
Anti Shake Plate

⑦

⑧
Extendable Stalk
Angle Fixer
Suction Lever
Sticky Gel Pad
Suction Plate

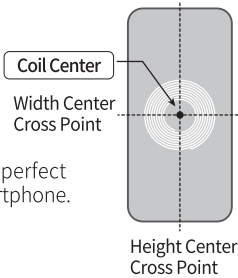## Before Wireless Charging

1. USB Charger to be connected

Use the included Qualcomm QC3.0 charger with 9V output for fast wireless charging.

Wireless charging is possible when using a 5V / 2.0A charger. However, fast charging is not supported.

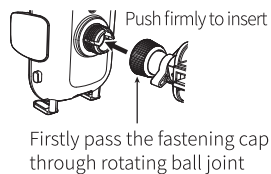### 2. Finding center position of wireless coil on smartphone

Fast wireless charging of smartphones with less heat requires perfect alignment between the wireless charging coils of holder and smartphone.

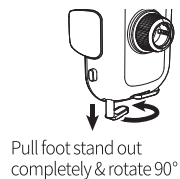Most smartphones have a wireless charging coil in the center of the phone as shown.

Coil Center
Width Center Cross Point
Height Center Cross Point

Product Assembly

1. Mounting Base & Holder
Push firmly to insert
Firstly pass the fastening cap through rotating ball joint

2. Tighten the cap to secure
Tightened Cap

3. Foot Stand
Pull foot stand out completely & rotate 90°

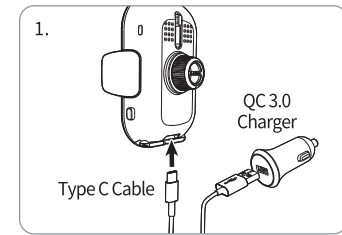## Auto Sensor Operation and Wireless Charging

1. Connect USB cable to car charger and holder. Sliding coil LED and LED indicator light up.

2. Put phone on foot stand at an angle as shown in picture.
   Move the sliding coil knob on back of holder ⑤ up or down to perfectly align the coils of the smartphone and wireless charging holder.

   ⚠ Ensure foot stand is pulled out completely and place phone on foot stand to align coils.

3. Whilst holding phone, lightly touch the touch sensor panel with finger or phone and the grips will automatically open. ④
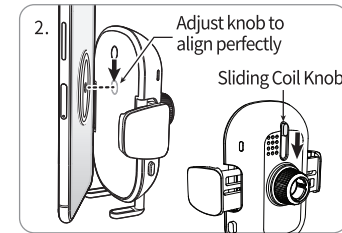
   ⚠ The touch sensor panel works only when the grips are completely closed.
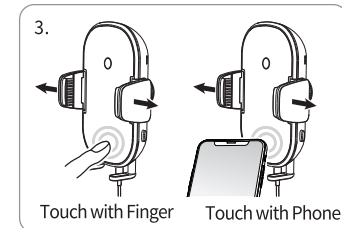   Touch panel with finger for phones with thick cases.

   ⚠ Alternatively, by pressing the multi-function button the grips will open without touching the touch sensor panel ③.

4. The grips close automatically when wireless charging begins after mounting smartphone.

   ⚠ If wireless charging does not begin, the grips will remain open. Please check the alignment of the wireless coils again.

   ⚠ Be careful not to have fingers in between grips when they are retracting.

   ⚠ Please touch only the area where the touch sensor panel sticker is on the front. No other part of the holder will respond to the sensor.

1.
QC 3.0 Charger
Type C Cable

2.
Adjust knob to align perfectly
Sliding Coil Knob

3.
Touch with Finger   Touch with Phone

Phone Removal

1. Hold phone and press the multi-function button to open grips.

2. When phone is removed, wireless charging stops and grips will automatically close after 2 seconds.

   ⚠ Wait approximately two seconds for the grip to close automatically before performing the next operation.

   ⚠ If phone is removed while wireless charging is not performing normally, the grips will not close automatically. In this case, press the multi-function button ③ to close the grips.

3. In case power is not connected, gently twist phone away from holder to remove as shown.

③
Twist lightly to remove smartphone
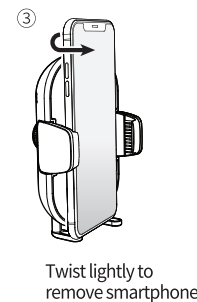
Wireless Charging ON / OFF

Frequent charging or continued charging when fully charged may reduce life of phone battery. By turning off the wireless charging function, the product can work as only a phone holder. In this case, phones that do not support wireless charging can also be mounted.

1. Press and hold the multi-function button ③ for about 3 seconds. The sliding coil LED ① switches off and wireless charging function is disabled.

2. Grips will close automatically.

3. To reactivate wireless charging, press the multi-function button ③ for 3 seconds again.
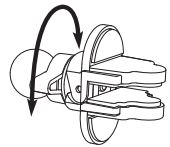
Press and hold for 3 seconds Wireless Charging ON / OFF
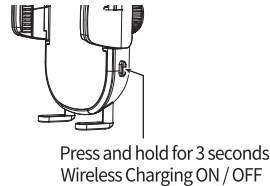
⚠ If wireless charging is disabled, the auto sensor function works normally. However, the grips will not close automatically. To close the grips, press the multi-function button ③.

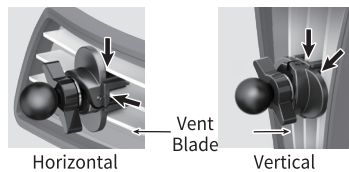## Vent Clip and Adhesive Flexible Base Installation

[Vent Clip]

1. Unfasten clip sufficiently by rotating the clip lever and insert clip to the center of the 3 vent blades as shown.

⚠ If this way of fixing the clip is not possible, attach anti shake plate to the vent frame and vent blade. Please note, if vent frame and vent blade are not parallel, it can not be installed.

2. Ensure 3 vent blades are sitting parallel as shown below. Push vent clip deeply with no gap as marked by the arrows below with one hand and fasten lever tightly with another hand.

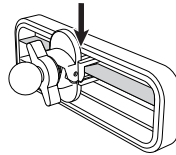3. Check if vent clip is fixed firmly and correctly by trying to pull out vent clip and shake slightly.

Rotate lever to operate   Tightly fixed to prevent gaps   Fixed to frame

Vent Blade
Horizontal   Vertical

[Adhesive Flexible Base]

Please install adhesive flexible base in the below circumstances.

· If the holder is overheated due to hot air from the heater and charging is slow or frequently interrupted.
· The vent blades are too narrow to insert vent clip.
· Unable to adjust the airflow direction.
· If condensation occurs on the holder due to cold air.
· The location of the air vent is not suitable.

⚠ Cautions for using double sided tape - Read Carefully

1. After attaching base to surface, press it for 10 seconds or more with force to prevent any gaps.

2. Carefully select installation position as strength of the double sided tape will deteriorate if once removed.

3. It is recommended to wait at least 2 hours for perfect attachment to surface before connecting holder to base.

4. Attaching the tape to oily or dusty areas will limit adhesive strength. Clean the area where base is to be attached with the supplied alcohol pad.

5. Can not be installed on surfaces of materials that causes unstable attachment due to the weight of holder and phone. (soft dashboards, leather surface, carpet etc.)

6. The adhesive base is made of flexible material and can be attached to curved surfaces. However, ensure that the surface should be as flat as possible.

Press firmly against surface. Ensure there is no gap 360°

Fixed Curved Surface
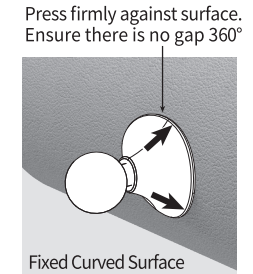
Suction Base Installation

1. Carefully choose where to install the suction base considering the height and distance of the holder. For more stable installation, it is strongly recommended to use the provided suction plate ⑦.

⚠ Do not install the suction base or plate on a curved surface or soft dashboard.

⚠ In the case of using suction plate, be sure to wait 2 hours to get sufficient strength of 3M tape before attaching the sticky gel suction base on it.

2. Prior to attaching the suction base or suction plate, ensure to clean attachment surface with the provided alcohol pad.

3. Peel off the transparent gel pad protective sheet.

4. Unlock suction lever vertically and press sticky gel pad down strongly as shown in the diagram below to avoid air leakage. Press lever ⑥ to lock and secure.

Gel Pad

Protective Sheet

Adhesive Surface

Press down firmly not to make any gaps 360°
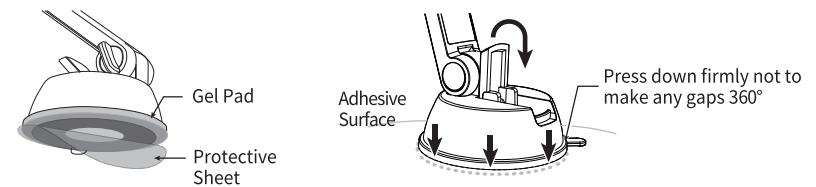
⚠ The sticky gel pad can be cleaned with water to maintain stickiness. After washing, check the stickiness and ensure to check it has perfectly dried before installation.

5. Make sure that the suction base is firmly installed by slightly shaking it.

6. After adjusting to desired angle, tighten the angle fixer so that it does not shake when driving.

[How to Adjust Stalk Angle and Length]

⚠ To use at a low angle for a better driving view, reassemble stalk as shown below.
Pull out and adjust stalk to desired length.

High Angle

Angle Fixer

Low Angle

Low angle setting

Stalk length adjustment
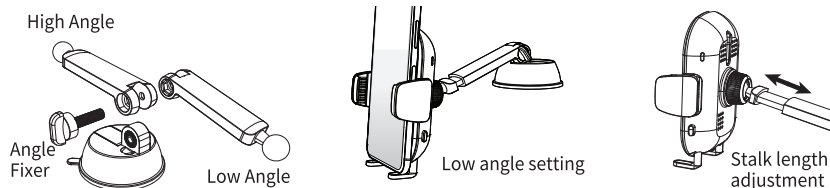
7. Adjust the holder to desired direction and angle, and tighten fastening cap.

Setting Holder Direction and Angle

Angle Adjustment

Direction Adjustment

Fasten the cap for fixed setting

Phone Position Adjustment
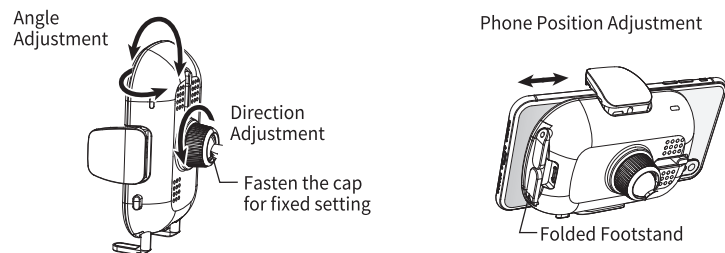
Folded Footstand

⚠ To mount the phone horizontally, fold the foot stand and move the phone left or right to the desired position.
In this case, ensure to align the coil centers of the phone and holder.

⚠ CAUTIONS

1. Check the LED indicator ② periodically to ensure wireless charging is working correctly.
The LED indicator lights up as follows according to the charging status.

Power ON	White LED (Off after 3 seconds)
Charging	Blue LED
Errors	White/Blue LED Blinking

Over voltage & over current, low voltage & low current, Overheating, Misalignment, Foreign Object Detection

2. If the phone case thickness exceeds 2.5mm, wireless charging may be slow or stop.

3. If the temperature of the charging environment exceeds 28°C, the overheating protection circuit may activate and slow down or stop wireless charging.

4. If using an app requiring use of GPS signals, such as navigation whilst wireless charging, the app may stop working instantly in areas where the GPS signal is weak.
In this case, turn off the wireless charging function temporarily.

5. For any phone where the wireless coil is extremely lower than the center of the phone, fold the foot stand and align wireless coils.

6. Periodically check the tightness of the vent clip/adhesive strength to prevent unexpected dropping of phone.

7. The sticky gel pad may leave a mark on the attached surface when used for an extended period of time. It can be removed with a neutral detergent or will naturally disappear after a certain period of time.

8. This product is designed for indoor usage as well by connecting to a wall charger.

Specifications

Android phones: 10W (Max)
iPhone phones: 7.5W (Max)
Input 5V/3.0A 9V/2.0A
Output 5~10W
Qi Certificate ID-8656

KC R-R-L1Z-DL-105 CE RoHS Qi

Technical assistance

If you need assistance setting up or using your Aerpro product now or in the future, call Aerpro Support Australia TEL: 03 – 8587 8898 FAX: 03 – 8587 8866
Mon-Fri 9am – 5pm AEST

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