

Installation Manual Inbay Universal Charging Cup

part-no.: 241178-01-1

For all vehicles equipped with a cup holder (diameter Ø 76 - 83 mm)

Suitable for smartphones with a maximum width of 70 mm (including cover)



kit content

- (1) Inbay Charging Cup wireless charging station in cup format including 3 pairs of adjustable spacers and 1 m USB connector cable
- (2) 1 x external USB voltage transformer including connector cable with fuse holder and 6,3mm blade connectors
- (3) 2x branch connectors 2,5mm² / 2x branch connectors 1,5mm²
- (4) spacers providing a perfect fit of your smartphone
- (5) 1 x felt adhesive tape

All installation works have to be carried out by professional experts only. The manufacturer / dealer can not be sued for direct of indirect damages caused from unprofessional installtion. Technical changes possible.

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Inbay Universal Charging Cup



The Inbay Universal Charger Cup is a wireless charging cradle in cup-size format. Charging is done inductive according to Qi-standard and enables charging of all smartphones with Qi-compatible receiver going hand in hand with a stable storing in the vehicle's cup-holder



=> Find a suitable cup holder in your vehicle for the Charger Cup and rotate it to the desired orientation

=> As example for a practice oriented orientation we recommend a postition from where the display of the smartphone is fully visible to the driver



- => In order to avoid visible cables the electrical connection will be connected to the 12V on-board electrical system of the vehicle
- => The cable routing of the Charging Cup runs at the bottom or the side of the housing



=> Some vehicles have an opening at the bottom of the cup holder or they are equipped with a removable inlay or mat

In this case you can lead the USB connector cable of the Charging Cup directly through the existing opening of the center console

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=> Position the Charging Cup to the desired direction





=> If the cup holder has a solid bottom you have to drill a hole (diameter of 18 mm) in order to install the USB connector cable

The connection of the Charging Cup will be carried or invisible at the 12V on-board electrical system of the vehicle => Use the 12V on-board socket for power supply

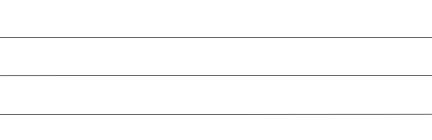
=> unclip the center console and pull/turn the console to reach the 12V on-board socket

Power supply is carried out via the conncting cable of the 12V on-board socket

This connector offers enough power for the Charging Cup with external voltage transformator and is switched via ACC







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=> Disconnect the plug of the on-board socket and push down a bit the cable insulation

=> Mount the branch connectors on both cable wires. Depending on the cable diameter use the appropriate branch connectors:
Cable diameter 2,5mm² => blue
Cable diameter 1,5mm² => red

Caution! - check the correct polarity with a voltmeter before you connect the USB voltage transformer

Connection cables of the USB voltage transformer: • red: +12V • black: ground

- => Mount the USB voltage transformer at a suitable place (the USB voltage transformer can be installed visible or invisible)
- => Plug in th USB connection cable of the Charging Cup into the USB socket of the USB voltage transformer
- => If neccessary secure the USB connection cable with duct tape
- => Insure enough space for rods and streaks of shifting gate before re-installing the center console

=> Check functionality of Charging Cup: Turning on ignition the LED has to light up red







When Inserting a Qi compatible smartphone charging begins automatically and the LED turns from red to blue

=> Re-install all removed covers and bezels properly

With the included spacers an optimal fixation for every smartphone even under strong side acceleration can be carried out => A pair of spacers is already pre-installed. If neccessary swap these against the appropriate spacer pair depending on the size of the smartphone going to be used

=> For adjustment of spacers release screws at the outer side of the housing and slide spacers into the desired position

=> Tighten screws carefully

=> Glue the attached felt adhesvie tape around the housing of the Charging Cup in order provide a tight fit of the Charging Cup inside the cup holder of the vehicle and to cover up the screws