

NAVIGATE HF PRO GPS- / Handsfree Car Kit for Apple iPhone

NaviGate HF Pro™



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Your **NAVIGATE HF PRO** is especially designed to navigate and make hands free calls with your iPhone. The **NAVIGATE HF PRO** internal GPS antenna enhances the iPhone satellite signals to ensure exact and reliable navigation wherever you are. Using the **NAVIGATE HF PRO** you will receive loud and clear voice directions. Hands free calls work with integrated Bluetooth technology and the iPhone will be charged at the same time. The **NAVIGATE HF PRO** mount is secure and tested to OEM standards – **MADE IN GERMANY**. The modular system allows you to exchange the iPhone cradle, once the next generation of iPhone is available. You do not have to purchase another costly unit but only exchange the cradle and you are set. The cradle may be used as a stand alone charging cradle as well.

What is included?

1. **NAVIGATE HF PRO** unit
2. Cradle for iPhone
3. Charger Cable
4. Suction Mount
5. Suction Mount Adapter
6. Alcohol cleaning tissue
7. Instructions



APPLIANCES DESCRIPTION

1. NAVIGATE HF PRO UNIT

1.1. INTEGRATED GPS ANTENNA

This unit comes with a built in GPS receiver, to enhance the iPhone satellite signal reception. It will ensure the most exact navigation experience combined with the navigation software installed on your iPhone. Especially in areas of poor satellite signal reception (f. ex. in cities with tall buildings) the integrated GPS antenna ensures a much more reliable satellite signal reception.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

1.2. BLUETOOTH HANDS FREE CALL TECHNOLOGY

The built in Bluetooth technology allows hands free calls. A Bluetooth pairing mode button is located on the units upper right side. Below the Button, a blue LED light will flash when pairing the phone and it will be constantly illuminated once the iPhone is paired.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

1.3. ENHANCED SOUND QUALITY AND VOICE DIRECTIONS

On the lower back area the **NAVIGATE HF PRO** speaker is integrated, ensuring substantially clear voice directions and enhanced voice calls. Even while windows and sunroof are open and other background noises exist, receipt of voice directions is clear and loud, because the speaker's sound signals are reflected at the windshield and distributed throughout the car interior.

1.4. VOLUME CONTROL

Volume may be adjusted with the volume control buttons located on the top right. The (+) button allows louder and the (-) button lower volume settings. This easy to reach volume control ensures individual sound adjustment to your personal needs, without being distracted, while driving.

1.5. ACCESS FOR EXTERNAL MICROPHONE

A female adapter is located on the unit's left side to connect an external microphone with a 2.5 mm jack to be attached f. ex. at the sun visor area.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

2. CRADLE DESIGNED FOR IPHONE

2.1. IN GENERAL

This cradle specifically designed for the iPhone may be removed from the **NAVIGATE HF PRO** unit and operated as a separate charging cradle only. The modular design allows it to simply exchange the cradle, once the new generation of iPhone is available.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

2.2. MICROPHONE

A sensitive microphone is located on the cradle's lower right corner?

(More details under „Technical specifications“, „Instructions“, „Security advise“)

2.3. PHONE ACTIVATING BUTTON

On the cradle's front lower part, a phone activating button is located to allow connection and disconnection of incoming calls. Pressing this button will also connect to the last dialed or received phone number. This easy to find profile button enhances phone call reception while – compared to touch screen use – less distraction from traffic is ensured.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

2.4. HR / IGRIP ADAPTER SYSTEM

The cradle comes with the well-known HR/ iGRIP 4-Hole-System located on the back to be combined with the distinguished HR/ iGRIP 4-Prong- System located on the front of the **NAVIGATE HF PRO** unit. The cradle also may be combined with any HR/ iGRIP mount, which use the same 4-Prong-System. The HR/ iGRIP 4-Hole-System on the back of the **NAVIGATE HF PRO** unit, again may be attached to any HR/ iGRIP mount via the 4-Prong-System.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

2.5. ELECTRICAL CONTACTS

When combining the cradle and **NAVIGATE HF PRO** unit, the integrated contacts on back of cradle and front of **NAVIGATE HF PRO** unit build up a circuit. These electrical contacts enable exchange of navigation and voice data as well as energy supply of the **NAVIGATE HF PRO** unit.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

3. CHARGER CABLE

3.1. CHARGER CABLE FOR THE CIGARETTE LIGHTER

The power supply is ensured via the approx. 2 Meter (approx. 6 ft.) long charger cable to be installed in the car aligned to gaps on dash and console.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

3.2. ACCESS FOR POWER SUPPLY AT CRADLE

A micro USB B female adapter is located on cradle's lower left side. The charger's micro USB B male adapter has to be installed at this access. The micro USB B male adapter's angled design makes sure, that the cable is led right below the dash into the direction of the power outlets.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

3.3. ACCESS TO THE CAR CIRCUIT

The charger's male adaptor fits most car power outlets and cigarette lighters and may be used for car's 12V - and truck's 24V power supply.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

4. SUCTION MOUNT SYSTEM

4.1. IN GENERAL

The suction mount allows to install the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit inside the car in drivers view and reach. The Car Kit is designed to fit most cars, preferred installed either left or right of the steering wheel on the lower part of the windshield. The suction mount technology makes it possible to attach the device without damaging any surface by using screws or glue. The most important advantage of a suction mount however is its flexibility and mobility since it may be removed anytime from the vehicle and may be installed again in any other vehicle.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

4.2. INSTALLATION

The suction mount's HR/ iGRIP 4-Prong-System has to be attached to the **NAVIGATE HF PRO** HR/ iGRIP 4-Hole-System located on back of the unit. The suction mount must be attached to any flat and smooth surface, like f. ex. windshield or on top of self-adhesive adapter.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

4.3. INDIVIDUAL ADJUSTMENTS AND SETTINGS

The suction mount may be adjusted individually to driver's view and reach. Releasing or tightening the plastic head screw, located on the side of the mount, allows any adaption vertically to the windshield. The tightening wheel on back of the mount allows to adjust in driver's view by up to 60° in all directions and to freeze the device either in portrait or landscape format. This swivel tightening mechanism holds, compared to any other ball joint swivel designs, your device secure and vibration free in place. It is recommended to use wide screen format (landscape) when navigating with your iPhone for better and easier view of map and driving instructions.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

5. SUCTION MOUNT ADAPTER

5.1. IN GENERAL

The suction mount may be installed on top of the adapter's smooth and flat surface. Installation of this adapter system must be considered in all countries and states with restricted laws concerning attachment of devices to the windshield. The adapter plate is especially designed for cars having a larger distance between steering wheel and windshield such as Sports Cars, Family Vans, SUVs, 4by4 Vehicles, Motor Homes, Buses, Lightweight Transportation Vehicles and Trucks. The adapter allows installation of the suction mount within driver's view and reach and makes it easier to use the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

5.2. INSTALLATION

The adapter must be attached self-adhesively on top of the dashboard.

(More details under „Technical specifications“, „Instructions“, „Security advise“)

6. ACCESSORIES

6.1. ALCOHOL CLEANING TISSUE

The alcohol cleaning tissue must be used to clean the area of installation of the suction mount or suction mount adapter.

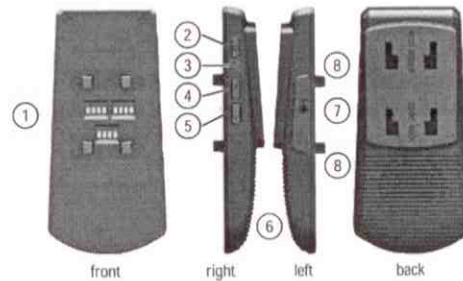
(More details under „Technical specifications“, „Instructions“, „Security advise“)

6.2. INSTRUCTIONS

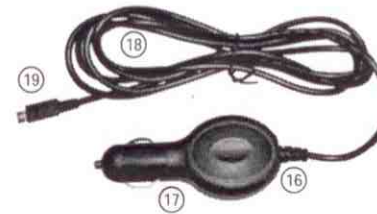
These very detailed instructions must be read prior installation and operation of the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit.

NAVIGATE HF PRO UNIT

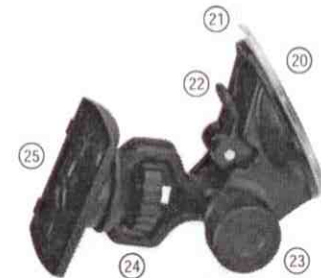
1. HR/ iGRIP 4-Hole-System with contacts
2. Bluetooth Pairing Button
3. Bluetooth LED Light
4. Volume Control (+)
5. Volume Control (-)
6. 2 Watt Speaker
7. 2.5 mm Access for External Microphone
8. HR/ iGRIP 4-Prong-System with contacts

**CRADLE**

9. Spring Clip
10. Rubber Foam Padding
11. Male Connector for iPhone
12. Phone Activating Button
13. Microphone
14. Micro USB B Access
15. HR/ iGRIP 4-Hole-System with contacts

**CHARGER CABLE**

16. CLA Cigarette Lighter Adapter
17. LED Operating Light
18. Approx. 2 Meter (6 ft.) long Cable
19. MICRO USB B Adapter

**SUCTION MOUNT**

20. Vacuum Suction Cup
21. Suction Removal Flap
22. Suction Lever
23. Tightening Screw for vertical Adjustment
24. Tightening Wheel for Swivel Adjustment
25. HR/ iGRIP 4-Prong-System

**SUCTION MOUNT ADAPTER**

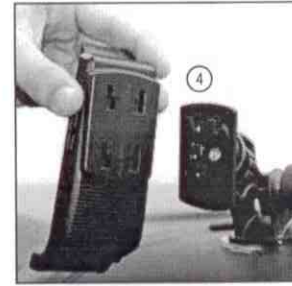
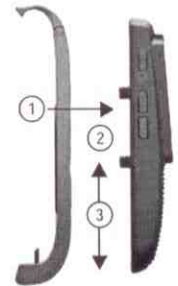
26. Smooth Surface
27. Fixation Frame
28. Self-adhesive Padding

INSTRUCTIONS

COMBINATION

Place the cradle onto the **NAVIGATE HF PRO** unit. Make sure the HR/ iGRIP 4-Prong-System is completely inserted into the HR/ iGRIP 4-Hole- System and press the **NAVIGATE HF PRO** unit upwards and the cradle downwards until you notice a click. Now both units are tightly engaged. Now place the **NAVIGATE HF PRO** with the cradle combined onto the HR/ iGIP 4-Prong-System of the suction mount. Make sure the HR/ iGRIP 4-Prong-System is completely inserted into

the HR/ iGRIP 4-Hole-System and press the mount upwards and the **NAVIGATE HF PRO** with the cradle combined downwards until you notice a click. Now both units are tightly engaged. Before combining the mount with the device, make sure that the suction mount's 4-prongs point with the short distance to the outer shape to the top. This ensures that both adapters are engaged even in one shape.



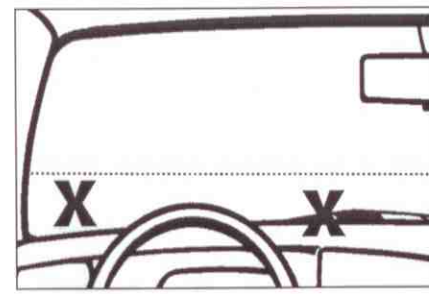
INSTALLATION IN THE VEHICLE AND SECURITY ADVICE

Please evaluate where to install the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit inside your vehicle. Make sure to install the device within driver's reach and view. Ensure that your view to the traffic is not affected and the ability to operate your vehicle is not obstructed under any circumstances.

The image shows the best location where to install the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit on the windshield. Alternatively the device may be

installed on non moving side windows or with the self-adhesive adapter on top of the dashboard.

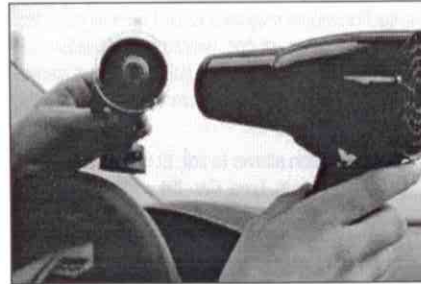
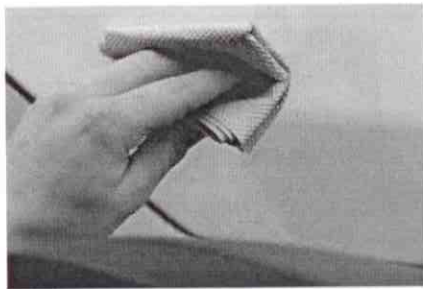
WARNING! Never install the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit on top or in the operation area of an airbag or the steering wheel. The **NAVIGATE HF PRO** and its charger cable must not inhibit from operating your vehicle. It must not interfere • the view to the traffic and the environment around you • the reading of all instruments • the view to all rear view mirrors • the operation of the airbags • the use of any switches, shifters and pedals. Please respect all restrictions by law of your country or state concerning the use of suction mounts installed to the windshield. All adjustments and settings must be done prior driving.



SUCTION MOUNT INSTALLATION AND SECURITY ADVICE

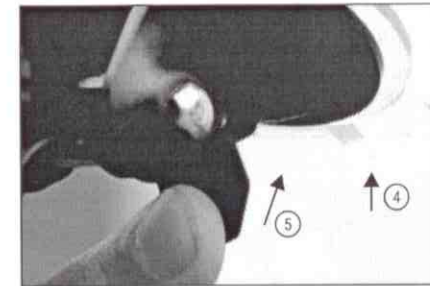
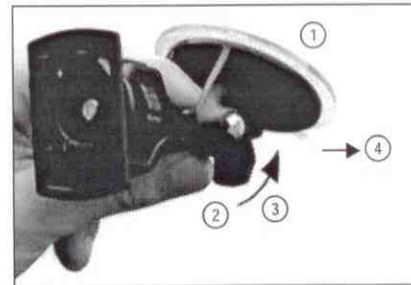
Area of installation must be smooth and flat. Clean surface thoroughly with supplied alcohol cleaning tissue. Ambient temperature of installation must be at least 15°C (60°F), otherwise it is recommended to warm up suction cup and surface of installation using for example a hairdryer to ensure a perfect suction bond to the surface.

Place the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit on desired area of installation ①. Press the suction mount onto the surface and at the same time press on top of the suction lever to ensure suction's absolute flat alignment to surface ②. Now push the suction lever towards the surface of installation to create a vacuum between suction and



surface ③. Verify if the suction mount is installed properly and tightly. To remove the suction mount fold the suction lever back ④ and pull the suction removal flap to release the vacuum between suction and surface ⑤. This ensures easy suction removal without causing any damage to the suction mount.

WARNING! Never expose the suction mount to direct sun light and high temperatures for a longer period of time. The suction cup may be damaged and deformed and the suction power may be reduced, if exposed to temperatures above +70° (160°F) inside your car. Verify always before driving – especially in areas of temperature changes – the suction cup's vacuum strength.



SELF-ADHESIVE ADAPTER INSTALLATION AND SECURITY ADVICE

Area of installation must be flat. Clean surface thoroughly with supplied alcohol cleaning tissue. If the surface has been treated with a silicone based dashboard detergent (dashboard shine), surface must be cleaned with an appropriate silicone removing agent to ensure a self-adhesive strong and permanent bond.

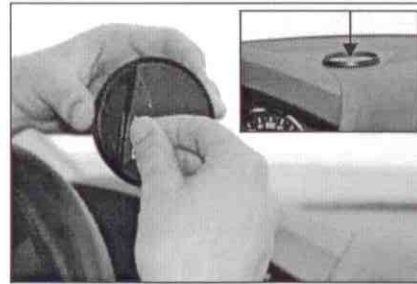
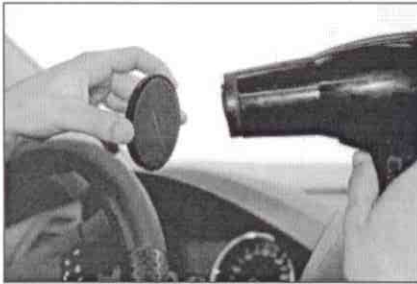
Ambient temperature of installation must be at least 15°C (60°F), otherwise it is recommended to warm up the self-adhesive and the surface of installation using for example a hairdryer to ensure a perfect self-adhesive bond to the surface.

Remove the adhesive's protective foil and press suction cup adapter, applying strong pressure, on

cleaned surface. Allow 8 hours to cure before installing the suction mount onto the adapter. To remove the adapter, it is recommended to use a hairdryer to make the adhesive pliable before pulling off the disc from the surface. Any selfadhesive residues may be removed by hand rubbing.

WARNING! Colour of installation surface might differ from colour of area around surface of installation after some time. Due to daylight, covered surfaces keep their original colour compared to surfaces exposed to daylight.

WARNING! Do not attach the adapter on top of an airbag or in the operation area of any airbag.

**INDIVIDUAL ADJUSTMENTS AND SETTINGS AND SECURITY ADVICE**

The suction mount may be adjusted vertically to adapt to the inclination of the windshield. Release the plastic head side screw, adjust the suction centre arm either upwards or downwards and tighten the screw.

The swivel option allows to adjust the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit individually into desired position and view as well into either portrait or landscape format. Release the swivel's tightening wheel and adjust to your needs. Desired adjustment must be freed with the tightening wheel. It is recommended to use wide screen format (landscape) when navigating with your iPhone for better and easier view of map and driving instructions.



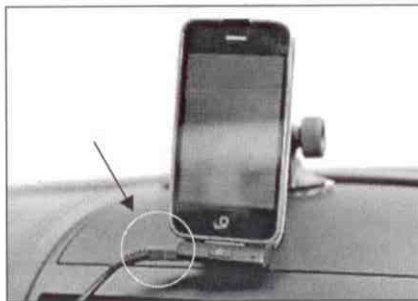
WARNING! All adjustments and settings must be done prior driving.

CONNECTION TO CAR CIRCUIT AND SECURITY ADVICE

Insert the charger cable's male MICRO USB B adapter into the female MICRO USB B insert located on the cradles lower left side (Please note: The larger side of the male adapter needs to face upwards). Insert the male CLA (Cigarette Lighter Adapter) into the car's power outlet or cigarette lighter. Install the approx. 2 Meter (6 ft.) long cable from the device to the power outlet.

The **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit works only if connected to the car's electrical circuit. Use only supplied car charger cable. Only approved car charger cables may be used. More info you find here www.IGRIP.us/shop.

WARNING! Make sure the charger cable is not installed loose inside your car. This could inhibit you from operating your vehicle properly. If the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit is installed close to an air vent, the heating function needs to be reduced or this specific air vent needs to be shut off, to ensure proper charging of the iPhone. If your iPhone is exposed to direct sun light and heat, it might switch off the power supply reception and constant charging is not guaranteed.

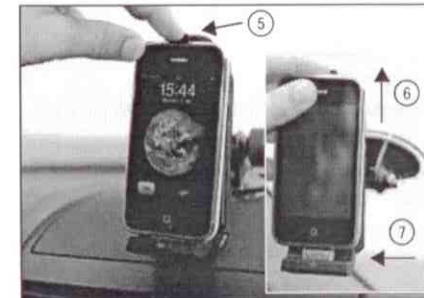
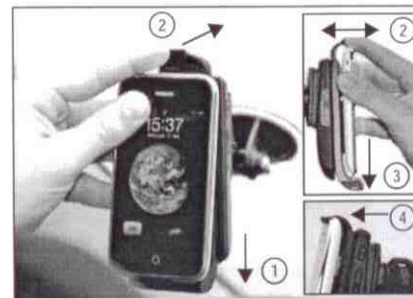
**IPHONE INSERTION INTO CRADLE AND SECURITY ADVICE**

Insert the iPhone carefully into the cradle. Make sure the iPhone's female adapter points to the cradle's male adapter ①. Fold the spring loaded clip upwards ② and slide the phone in upright position onto the male adapter located inside the cradle on the bottom ③. Now engage the clip on top of the cradle with the iPhone and ensure perfect fit ④. To remove iPhone from cradle, fold the spring loaded clip upwards ⑤ and slide the iPhone carefully off the cradle's male adapter into an upright direction ⑥. When completely separated from cradle's male adapter, you may remove iPhone from cradle ⑦.

WARNING! As long iPhone's female adapter and cradle's male adapter are engaged you must not remove iPhone from cradle.

WARNING! The cradle accommodates the iPhone only. If you use a hard plastic case, a silicone case, a flexible skin or a similar protective product with your iPhone, you must separate this item from your iPhone before inserting into the cradle.

WARNING! Do not insert and remove iPhone while driving

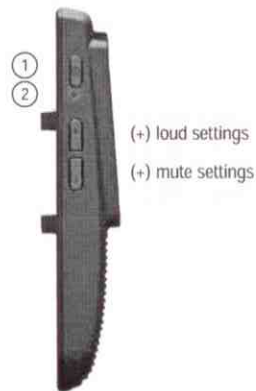


BLUETOOTH PAIRING AND SECURITY ADVICE

To connect your iPhone with the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit enabling you to make hands free calls, you need to pair via Bluetooth both devices.

Please follow these steps:

1. Insert the iPhone into the cradle of the **NAVIGATE HF PRO** and connect to the car's circuit
2. Activate your iPhone's Bluetooth settings following "SETTINGS", "GENERAL" and "BLUETOOTH"
3. Press on the **NAVIGATE HF PRO** Bluetooth pairing button for at least 8 seconds ① (the blue LED will flash ②)
4. The **NAVIGATE HF PRO** will show up on the iPhone display as available device
5. Confirm password (0000) on the iPhone and type "CONNECT"
6. Now the iPhone is paired with the **NAVIGATE HF PRO** (the blue LED is constantly illuminated) In standby mode, the blue LED is switched off!



WARNING: All adjustments and settings must be done prior to driving.

DISCONNECT BLUETOOTH PAIRING AND SECURITY ADVICE

The **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit may be paired with up to 8 different phones. If you want to disconnect all devices, press the **NAVIGATE HF PRO** Bluetooth pairing button for at least 8 seconds until the LED switches off. If you switch off the

iPhone Bluetooth settings, you have to build up a new connection with the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit. (Read Bluetooth pairing).

WARNING: All adjustments and settings must be done prior to driving.

PHONE ACTIVATING BUTTON AND MAKING PHONE CALLS



On the front bottom part of the cradle a phone call activating button is located. Incoming calls may be received by pressing this button and calls may be terminated as well. If you press this button, the iPhone will dial the number of your last call. This easy to touch profile button eases reception of phone calls while driving and does not – compared to touch screen operation – inhibit from operating your car.

VOLUME CONTROL AND SECURITY ADVICE

To adjust the volume, press the volume control buttons located on the right of the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit. For loud settings (+) press the upper button and for mute settings (-) press the lower button. Loudness may be adjusted in 14 steps.

WARNING: All adjustments and settings must be done prior to driving

**INTEGRATED MICROPHONE**

A sensitive microphone is located on lower right of the cradle. This microphone ensures perfect voice transmission, if the **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit is installed within driver's reach and view.

ACCESS FOR EXTERNAL MICROPHONE AND SECURITY ADVICE

A 2.5 mm access is located on the left side of the **NAVIGATE HF PRO** unit to connect an external microphone. External microphones are essential for cars having a larger distance between steering wheel and windshield such as Sports Cars, Family Vans, SUVs, 4by4 Vehicles, Motor Homes, Buses, Lightweight Transportation Vehicles and Trucks. If the external microphone's 2.5 mm jack is inserted into the **NAVIGATE HF PRO** female access, the integrated microphone will switch off. (*External microphone not included.*)

The use of an external microphone is recommended, if there are side noises like f. ex. driving with windows or sun roof open, for convertibles or cars with elevated interior noise levels.

Tested and approved external microphones for your **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit you will find here www.iGRIP.us/shop.

WARNING: Make sure the external microphone cable is not installed loose inside your car. This could inhibit you from operating your vehicle properly.

NAVIGATING USING NAVIGATE HF PRO AND SECURITY ADVICE

The **NAVIGATE HF PRO** GPS-/ Hands Free Car Kit works with most navigation software. About exemptions and more details you may be informed under www.iGRIP.us/gps.

The **NAVIGATE HF PRO** integrated GPS antenna enhances the iPhone satellite signal. As soon as the **NAVI-**

GATE HF PRO is connected to the car's circuit and the iPhone is placed in the cradle, the navigation software will sync with the **NAVIGATE HF PRO** GPS antenna. Now your navigation experience may begin.

NAVIGATE HF PRO GPS-/ Hands Free Car Kit has been design specifically for the iPhone. The device has been tested to meet all standard requirements and to guarantee best operation experience. iGRIP is not responsible and can not held liable for any damages and sequential damages incurred with the use of this product.

WEEE REGULATION



This symbol on the product, packaging and instructions is a notification, that the device may not be regarded as household waste. According to the EU Directive 2002/96/EC for waste of electrical and electronic products (WEEE), this electronic device must be disposed by returning it to where it has been purchased or to a local recycling organisation.



CE MARKING

NAVIGATE HF PRO GPS-/ Hands Free Car Kit complies with the CE marking regulation.

EDITORIAL DISCLAIMER

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For all iPhones

"Works with iPhone" confirms that this electronic product has been created to connect specifically to the iPhone. It has been tested and certified by respected test laboratories (NAC, SIG, RFI Global) authorized by the manufacturer to meet Apple performance standards.

Apple is not responsible for the operation and functionality of this product or its conformity with safety and legal standards.

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TECHNICAL SPECIFICATION

GPS Chip:	CSR GSC3e/LPx 20 channel GPS
GPS Antenna:	Embedded 25 x 25 mm patch antenna
Speaker:	Maximum 2W36. Frequency response 350 – 20KHz. SPL: 86dB @ 0.5m with <10% THD
Bluetooth:	CSR Blue Core 5 Multimedia chip with power class 2 radio and nFore BC05MM
Firmware:	Internal Bluetooth RF Antenna. Bluetooth V2.0. For iPhone function, provides only HFP Hands free Function Handset/ Hands free profile AEC (Acoustic Echo Cancellation) NS (Noise Suppression)
Microphone:	42dB sensitivity, omni-directional
Charger:	Approx. 2 Meter cable, 5V, 1.8A with Micro-USB connector

FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT

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 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 Caution:

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

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.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.