

F I A T M U L T I P L A



B l u e t o o t h ®



# TABLE OF CONTENTS

OVERVIEW .....	4
SYSTEM COMPONENTS .....	5
COMPATIBLE MOBILE PHONES .....	5
ACTIVATING THE HANDS-FREE KIT .....	6
PAIRING YOUR MOBILE PHONE AND THE HANDS-FREE KIT FOR THE FIRST TIME .....	6
PAIRING WITH OTHER ADDITIONAL PHONES .....	6
CLEARING THE MEMORY .....	7
PAIRING PRIORITY .....	7
COMMUNICATING .....	7
ERICSSON/SONY ERICSSON PHONES .....	8
NOKIA 6310, 6310i, 6650, 7600, 8910 PHONES .....	10
NOKIA 3650, 3660, N-GAGE, AND SIEMENS SX11 PHONES .....	11
TROUBLESHOOTING .....	13

# HANDS-FREE KIT WITH VOICE RECOGNITION AND Bluetooth® wireless technology

## OVERVIEW

**Bluetooth**® wireless technology enables wireless connection between your mobile phone and the hands-free kit installed on your car.

Communication is based on the transmission of radio shortwaves, that exchanges data and voice at a speed of approx. 1 Mb/sec. within a range of about 10 metres.

The radio frequency used by **Bluetooth**® wireless technology is not subject to restrictions or limitations and is free of charge.

The hands-free kit with voice recognition enables to make and receive calls safely and securely under whatever driving condition without removing your hands from the steering wheel as required by current regulation.

The system installed on your car offers you the following functions:

- automatic mute of the car radio during calls;
- hands-free conversation;
- conversation diffusion through car speakers;
- pairing of up to three mobile phones with activation of one mobile phone at a time (for connection priority see next pages);
- voice recognition (according to mobile phone type);

- automatic storage of your telephone directory (only available with Ericsson/SonyEricsson phones);

- use of different telephone numbers for each contact (e.g. home, work, cellular according to mobile phone type);

- starting/answering/refusing calls with voice command (according to mobile phone type);

- volume adjustment through phone menu and through sound system volume controls (see the Sound System manual);

- “confidential” conversation mode, to switch from hands-free mode to phone mode (according to mobile phone type);

- echo and background noise reduction.

## SYSTEM COMPONENTS

The hands-free kit consists of the following main components:

- electronic control box
- microphone
- keypad

The electronic control box, located in the dashboard, houses the **Bluetooth®** wireless technology radio transmitter, the signal processing microprocessor and the operating software.

The high-grade microphone housed in the front roof lamp has been designed to guarantee optimum communication under whatever condition.

The keypad **fig. I**, located on the panel housing the rear power window controls, features two buttons, **A** and **B-fig. I**, to be used for controlling every function of the hands-free kit.

Press button **A-fig. I**:

- to activate voice recognition;
- to answer a call or dual call;

- to redial the last number called;
- to activate the “confidential” mode.

Press button **B-fig. I**:

- to end the communication;
- to refuse a call.

**Press buttons A and B-fig. I simultaneously for at least 2 seconds for clearing the system memory.**

**IMPORTANT** Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.

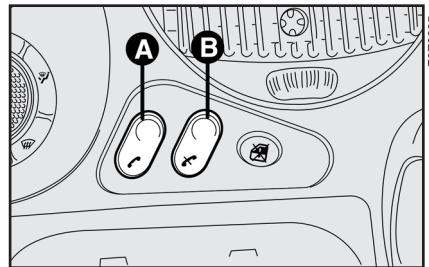


fig. I

## COMPATIBLE MOBILE PHONES

Compatible mobile phones are those tabulated below:

Make	Model
Ericsson	R520, T39m, T68m
Motorola	V500, V525, V600 270C, 280i
Nokia	3650/3660, 6310, 6310i, 6600, 6650, 7600, 8910, 8910i, N-Gage,
Panasonic	X70
Philips	Fisio 820, Fisio 825
Siemens	S55, S56, SXI
Sony Ericsson	T68i, P800, P900, T606/ T610/T630, Z600/Z608
PDA/Smartphone	E200, XDA II

## ACTIVATING THE HANDS-FREE KIT

After first pairing, just turn the ignition key to **MAR** to activate the system. To pair your phone and the hands-free kit after first pairing, get into the car with your phone on and the **Bluetooth**® function active.

## PAIRING YOUR MOBILE PHONE AND THE HANDS-FREE KIT FOR THE FIRST TIME

To pair your mobile phone with your hands-free kit for the first time you shall activate the **Bluetooth**® function on your phone as described on your phone user's guide. The corresponding icon is displayed on your phone when the function is active.

When pairing for the first time, the message "Accoppiare l'apparecchio" (pair kit) will be heard (the message will always be in Italian since it is the default language). Phone/hands-free kit pairing procedure described in the phone manual shall therefore be carried out (follow the pairing instructions given on your phone user's guide).

**IMPORTANT** When the use of the hands-free kit with **Bluetooth**® wireless technology is not desired, message "Accoppiare l'apparecchio" (pair kit) can be prevented from being repeated by setting car radio channel PHONE minimum volume (see Sound System manual). Turn the sound system on to hear message "Accoppiare l'apparecchio" (pair kit).

**During the pairing procedure the message asking for the passcode will be displayed; enter "1234" as passcode and then confirm it.**

Once this done, connection between your phone and your hands-free kit will take place automatically as soon as the two devices are less than a few meters apart. A "beep" will be heard, indicating that connection is established. Here follows an example of first pairing procedure for the most common mobile phones.

**IMPORTANT** The system operates **only** when the ignition key is turned to **MAR**. Pairing procedure shall be performed only the first time you pair your phone and your hands-free kit. Should instruction "Accoppiare l'apparecchio" (pair kit) not be heard at first pairing, reset the system by pressing simultaneously buttons **A-fig. 1** and **B-fig. 1** on the keypad for 2 seconds at least.

## PAIRING WITH OTHER ADDITIONAL PHONES

If you decide to pair another phone, you just have to follow the ordinary pairing procedure described in the previous paragraph, in this way you can connect up to 3 mobile phones. To pair other phones you shall reset the system (any phone number stored will be cleared).

## CLEARING THE MEMORY

Press the green **A-fig. 1** and red **B-fig. 1** buttons simultaneously for at least 2 seconds for clearing the system memory.

**IMPORTANT** Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.

## PAIRING PRIORITY

If 2 mobile phones at least are paired, the first phone paired (in chronological order) will have highest priority. This means that when getting into the car with system active (key at **MAR**), this will be the first phone to be searched and, if present, to be connected. Should the priority phone not be found, the system will then search for the other phones.

## COMMUNICATING

Find below a description of the main communication procedures valid for almost all mobile phones.

### Making a call manually:

- dial the number on the mobile phone keypad;
- press directly the phone button to start the call;
- the call will be switched automatically to hands-free mode (on certain phone models, e.g. SIEMENS S55, button **A-fig. 1** must be pressed to shift the telephone call to hands-free mode).

### Making a call using the voice recognition (after assigning a voice tag to a phonebook entry):

- press button **A-fig. 1** on the keypad;

– wait for sound signal to be heard and/or “PHONE” writing to appear on sound system display;

– pronounce the name of the person you wish to call;

– the system will repeat the name for confirmation and then will start the call;

– if the name pronounced by the system is not the required one, press button **B-fig. 1** on the keypad and repeat the procedure.

Call through voice recognition is possible only if voice tags have been assigned to phonebook entries.

The hands-free kit recognises all voice tags recorded on the phone thus enabling to call with voice recognition any voice tagged number.

It is however possible to store (according to mobile phone type) voice tags directly in the hands-free kit memory but, in this case, the hands-free kit will recognise just those voice tags.

**IMPORTANT** Voice prompts are recognised by the system only if properly recorded, for this reason you have to speak out naturally and clearly.

To obtain optimum operation, please, comply with these recommendations:

- close the doors and windows;
- turn off your engine and ventilation (key at **MAR**);
- make the recording from the driver's seat;
- if using long names (e.g.: “John Brown” instead of “John”) notice that the system will record a voice tag for max. 2 seconds.

**IMPORTANT** Before using voice prompts check that **Bluetooth**® wireless technology, “Voice recognition” and “Wordspotting” functions on your phone are active (according to mobile phone type). Voice recognition performances are available and depending on mobile phone model used.

#### **Answering a call:**

press button **A-fig. 1** on the keypad.

#### **Refusing a call:**

press button **B-fig. 1** on the keypad.

#### **Ending a call:**

press button **B-fig. 1** on the keypad.

#### **To redial last number called:**

press button **A-fig. 1** on the keypad and keep it pressed up to redialling of the number.

#### **Dual call (according to mobile phone type):**

- press keypad button **B-fig. 1** to refuse the new call;
- press keypad button **A-fig. 1** once to pick up the new call;
- press button **A-fig. 1** once again to return to the first call;

– to end the call, press button **B-fig. 1** once.

**IMPORTANT** The second call can be accepted or refused only if the “Avviso di chiamata” (“Call waiting”) function on your phone is active.

### **ERICSSON/SONY ERICSSON PHONES**

#### **Assigning a voice tag to a name**

- From the “Connectivity” menu, select “Accessories”;
- select the system menu;
- select “Phone book”;
- select “List” (the list of your phone book entries will be displayed);
- choose a name and select it;
- you will hear the system prompt, then you have to pronounce clearly the name displayed towards the microphone located in the front roof lamp;

- the system will repeat the name and ask you to repeat it for confirmation.

Repeat the procedure for each name to be voice tagged.

For proper recording of voice tags comply with these recommendations:

- make recording in quite place;
- close the doors and windows;
- turn off your engine, radio and ventilation;
- speak out clearly and naturally towards the microphone.

## Keywords

The hands-free kit has two preset voice prompts (“Telephone” and “Hang up”). “Telephone” is used to call or answer a call (function of button **A-fig. 1** on the keypad, whereas “Hang up” is used to refuse or end a call (function of button **B-fig. 1**).

You need to record keywords for use with “Wordspotting” option, proceed as follows:

- from the “Connectivity” menu, select “Accessories”;
- select the system menu;
- select “Voice recognition”;
- select “Keywords”;
- select the word to be recorded (“Telephone” or “Hang up”);
- you will hear the system prompt, then you have to pronounce clearly the name displayed towards the microphone located in the front roof lamp;
- the system will repeat the name and ask you to repeat it for confirmation.

## Making a call using the “Wordspotting” option:

- pronounce the keyword “Telephone”;
- wait for the beep;
- pronounce the name you wish to call;
- the system will repeat it for confirmation and then will start the call;
- if the name pronounced by the system is not the one you desire, say “Hang up” or press button **B-fig. 1** on the keypad and repeat the procedure.

## Answering/refusing/ ending a call using the “Wordspotting” option:

**IMPORTANT** The “Wordspotting” option (for answering, refusing or ending a call through voice prompts) is variable and it depends on the type of cellular phone being used. For certain models it may therefore be necessary to press first buttons **A-fig. 1** and **B-fig. 1** and then pronounce the “Wordspotting” required to answer, to refuse or to end a call.

- to answer a call say “Telephone”;
- to hang up say “Hang up”;
- to refuse a call say “Hang up”.

### Copying the phone book to hands-free kit system memory

**Bluetooth**® wireless technology enables to copy the cellular phone book to the hands-free kit system memory.

**IMPORTANT** You can only copy the entries stored in phone memory, therefore before copying your phone book to the system memory, you are recommended to transfer all entries from the SIM card to the phone memory.

Copying the phone book:

- from the “Connectivity” menu, select “Accessories”;
- select the system menu;
- the system will start data transfer and display a message on the phone;
- at the end of operation another message will be displayed.

### Clearing the system memory

- Press and hold simultaneously both buttons **A-fig. 1** and **B-fig. 1** on the keypad;
- reset will be announced by the system.

**IMPORTANT** Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.

### Adjusting the volume

Use the keys of the handset to adjust the volume of the conversation.

### NOKIA 6310, 6310i, 6650, 7600, 8910 PHONES

**IMPORTANT** After getting into the car and turning the ignition key to **MAR**, your phone should ask you whether to establish the connection. If you want to, you can disable this function. To do that, go into the phone

menu and select the **Bluetooth**® wireless technology option and then “View paired devices”; when the system name is displayed select “Options” and then “Request conn. Authorisation”.

### Storing names

To assign a voice tag to a name, access your phone book, find the desired name and click in sequence on “Details”, “Options” and “Add voice tag”. The following message is displayed “Press Start then speak after the tone”. Then press “Start” and say the name.

To remove the voice tag for any name, access your phone book and click in sequence on “Details”, “Options” and “Voice tag”.

By clicking “Change” you can re-record over the voice tag.

By clicking “Erase” you will delete the voice tag recording.

## Communicating

### Making a call manually

Use the phone keypad to dial the number. Your call will be connected automatically in hands-free mode. Keypad buttons **A-fig. 1** and **B-fig. 1** are the tools for making and receiving calls.

### Making a call using the voice recognition

Press button **A-fig. 1** on the keypad and wait for the tone. Then say the name of the person you want to call.

### To redial last number called

Press button **A-fig. 1** on the keypad and keep it pressed up to redialling of the number.

### Answering a call

Press button **A-fig. 1** on the keypad.

## Refusing a call

Press button **B-fig. 1** on the keypad.

### Dual call

– Press the keypad button **B-fig. 1** to refuse the new call.

– Press the keypad button **A-fig. 1** once to communicate with new caller.

– Press button **A-fig. 1** once again to return to your first caller.

– Press button **B-fig. 1** once to end the communication.

## Adjusting the volume

Use the keys of the handset to adjust the volume of the conversation.

## Conversation in “confidential” mode

Press the keypad button **A-fig. 1** briefly to switch the conversation to hands-free or handset mode.

It is also possible to activate the “confidential” mode directly from the telephone set: see telephone set manual.

## Clearing the memory

Press and hold pressed simultaneously both buttons **A-fig. 1** and **B-fig. 1** on the keypad.

**IMPORTANT** Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.

## NOKIA 3650, 3660, N-GAGE, 6600 AND SIEMENS SXI PHONES

**IMPORTANT** After getting into the car and turning the ignition key to **MAR**, your phone should ask you whether to establish the connection. If you want to, you can disable this function. To do that, go into the phone menu and select the **Bluetooth**<sup>®</sup> option and then “Linked equipment”; select the system name, “Options” and then “Def. as authorised”.

**IMPORTANT** You can select the required hands-free kit system settings from the accessories menu.

## Communicating

### Answering a call:

– press button **A-fig. 1** on the keypad.

### Refusing a call:

– press button **B-fig. 1** on the keypad.

### To redial last number called:

– press button **A-fig. 1** on the keypad and keep it pressed up to redialling of the number.

### Dual call:

– press keypad button **B-fig. 1** to refuse the new call;

– press keypad button **A-fig. 1** once to communicate with new caller;

– press button **A-fig. 1** once again to return to your first caller;

– press button **B-fig. 1** once to end the communication.

### Conversation in “confidential” mode

Press button **A-fig. 1** briefly to switch the conversation to hands-free or handset mode.

It is also possible to activate the “confidential” mode directly from the telephone set: see telephone set manual.

### Auto answer

From your phone, display the “Main menu” and select “Tools”.

Then select:

– “Settings” for Nokia 3650, 6600 and Siemens SXI telephones;

– “Tools” for Nokia N-GAGE telephones.

Select in sequence “Settings”, “Accessories” and “Handsfree”.

Select in sequence “Automatic answer”, “Options”, “Change”, “On” and confirm with “OK”.

### Adjusting the volume

Use the keys of the handset to adjust the volume of the conversation.

### Clearing the memory

Press and hold pressed simultaneously both buttons **A-fig. 1** and **B-fig. 1** on the keypad.

**IMPORTANT** Clearing the memory will disconnect all stored phones, will clear any phone number stored in the system memory and will require to repeat the pairing phase.

## TROUBLESHOOTING

### PROBLEM

The system is not working

The system says that the **Bluetooth**® wireless technology is not detected

Your telephone does not detect the hands-free kit

Your telephone is not detected

The person you are calling complains of the bad sound quality during communication

The person you are calling complains of an echo during communication

You cannot hear the voice of the person you are calling

No connection after entering the passcode "1234"

Your telephone is detected too slowly when switched on

When making a call with voice recognition the system says that the name you desire is not voice tagged

Dual call failing

Certain phone book entries are not copied in the system memory

The system does not recognise voice prompts

### SOLUTION

Check that the ignition key is turned to **MAR**

Switch off your telephone and then switch it back on again (if the hands-free kit is not operating)

Switch off your telephone and then switch it back on again  
Check that the connection of the **Bluetooth**® wireless technology of your telephone is enabled (refer to the manual of your phone, if necessary)

Repeat the connection phase

Make sure that you are speaking clearly and according to microphone direction

Lower the volume on the mobile phone. Also lower the volume of car radio channel **PHONE**, if necessary (see Sound System manual)

Adjust the volume on the mobile phone. Also check the volume of car radio channel **PHONE**, if necessary (see Sound System manual)

Go back to the main menu and repeat the pairing procedure

Set user priority (refer to paragraph "Pairing priority")

Check that the required name is voice tagged  
Repeat the name clearly towards the microphone

Check that the "Avviso di chiamata" (Call waiting) option on your phone is enabled

Check that these entries are present in the phone book and not only in the **SIM card memory**

Check that **Bluetooth**® wireless technology, "Voice recognition" and "Wordspotting" options on your phone are enabled

**IMPORTANT** System checks and repairs, if required, shall only be performed by Fiat Dealership.





**ENGLISH**

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